

AR TARGET SHEET

The following document was too large to scan as one unit, therefore, it has been divided into sections.

EDMC#: 0076458

SECTION: 2 of 2

DOCUMENT #: 08-AMCP-0124

TITLE: ADMINISTRATIVE
DECOMMISSIONING FOR
WELLS WITH SURVEYS

299-E25-139

B8493

HWIS Interface - Well History Information - Current Status

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
B8493	299-E25-139	CANDIDATE FOR DECOMMISSIONING	05/09/2002	FY 2008 admin decomm no survey coordinates

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING
B8493	299-E25-139	-- No information available --				

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
B8493	299-E25-139	CANDIDATE FOR DECOMMISSIONING	05/09/2002	Tank Farm Well.

**None of the following records for this well exist
in the Hanford Well Information System:**

**Coordinates, As-built Diagram,
Well Completion Report, Drillers Log,
Water Well Report, Well Summary Report**

**Because there are no substantive records
confirming this well's existence,
it should be Administratively Decommissioned.**

Query HWIS again

HWIS Interface - Well Construction Information - Construction Dates

WELL_ID	WELL_NAME	CONST_DATE	CONST_DEPTH	CONST_DEPTH_UNITS
B8493	299-E25-139	-- No information available --		

Available Documents:

Well ID	Document Number	Document Type	Date	Description	Rev
Well ID: B8493, Well Name: 299-E25-139					
B8493	- No information available -				

699-10-3D
A8173

*THIS WELL HAS BEEN DECOMMISSIONED.
SEE SCIN, SURVEY DATA & PHOTO*

WELL ATTRIBUTES REPORT

*ELN
12/10/07*

TELD ORDER NO _____
 WELL ID A8173
 WELL NAME 699-10-3D
 HOST WELL ID _____

CONST DATE _____
 CONST DEPTH _____

LAST INSPECTION 1/1/1801
 NORTHING 126601.519
 EASTING 588882.222
 ELEVATION _____

LAST INSPECTION INFORMATION				CURRENT INSPECTION INFORMATION			
WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> MINOR <input checked="" type="checkbox"/> ND*	SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> MINOR
LAST PUMP INFORMATION				CURRENT PUMP INFORMATION			
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input checked="" type="checkbox"/> ND*	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input type="checkbox"/> REMOVED
PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
ACTIVITY PERFORMED BY	ND*			ACTIVITY PERFORMED BY			
DATE ACTIVITY PERFORMED				DATE ACTIVITY PERFORMED			
PUMP TYPE	ND*			PUMP TYPE			
PUMP MAKE	ND*			PUMP MAKE			
PUMP MODEL	ND*			PUMP MODEL			
PUMP INTAKE DEPTH (ft)				PUMP INTAKE DEPTH (ft)			
TUBING SIZE (in)				TUBING SIZE (in)			
TUBING MATERIAL	ND*			TUBING MATERIAL			
TUBING LENGTH (ft)				TUBING LENGTH (ft)			
TUBING CONNECTION	ND*			TUBING CONNECTION			

ND* - Not Documented

THIS WELL HAS BEEN DECOMMISSIONED.

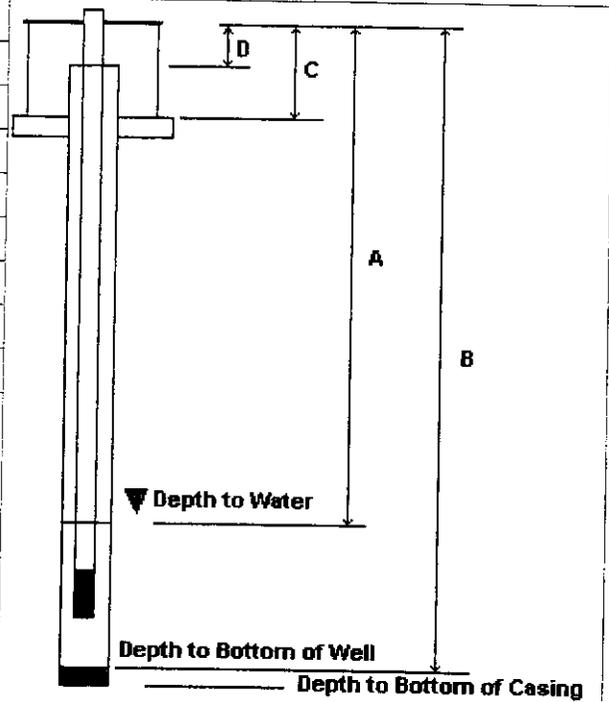
WELL ATTRIBUTES REPORT

WELD ORDER NO _____
 WELL ID A8173
 WELL NAME 699-10-3D
 HOST WELL ID _____

CONST DATE _____
 CONST DEPTH _____

LAST INSPECTION 1/1/1801
 NORTHING 126601.519
 EASTING 588882.222
 ELEVATION _____

MEASUREMENT INFORMATION		
	LAST	CURRENT
A DEPTH TO WATER(ft)		
DEPTH TO WATER DATE		
B DEPTH TO BOTTOM(ft)	81	
DEPTH TO BOTTOM DATE		
C STICK UP(ft)	1.81	
D REFERENCE MARK(ft)		
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	<input type="checkbox"/> YES <input type="checkbox"/> NO



A DEPTH TO WATER FROM TOP OF CASING
 B DEPTH TO BOTTOM OF WELL FROM TOP OF CASING
 C TOP OF CASING TO GROUND SURFACE/PAD
 D TOP OF CASING TO SURVEY REFERENCE MARKER

PERFORATION INFORMATION

CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND

CHANGES

CASING INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS

CHANGES

SCREEN INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE

CHANGES

ND* - Not Documented

WELL NAME WELL TYPE PUMP TYPE	COORDINATES		CASING ELEV WELL DIAM DATE COMPL	DRILL DEPTH COMPL DEPTH DEPTH WATER	PERF/SCREEN			COMMENTS PREVIOUS WELL NAMES
	L 83 NS/EW	PLANT NS/EW			TYPE	DIAM	TOP	
699-10-E3A AB		10044.00 3439.00	437.20	249.0				DESTROYED
			12/74	71.0				DB-3
699-10-E3B AB		10357.00 3464.00	440.10	300.0				DESTROYED
			12/74	77.0				DB-11
699-10-E3C VW		9600.00 3477.00	448.10	73.0				
			12/74					DB-17
699-10-0 SW		10300.00 -100.00		60.0				
				46.0				R2-SP-4
699-10-1 VW		10450.00 -760.00	443.40	58.0				
			12/72					B-24
699-10-2 VW		10390.00 -2170.00	441.30	59.0				
			12/72					B-23
699-10-3A GW								
			Hanford Wells					
			PNL-8800 UC-903					B-36
699-10-3B GW			M. A. Chamness & J. K. Merz					
			August 1993					
			Prepared for U. S. Dept of Energy under					1A-SP-8
			Contract DE-AC06-76RLO 1830					
699-10-3C GW			Pacific NW Lab by Battelle Memorial Institute					
699-10-3D VW		10100.00 -3400.00						
699-10-3E GW		10150.00 -3420.00		76.0				
				70.0				
699-10-3F GW		10100.00 -3420.00		251.0				
				70.0				

HWIS Interface - Well History Information - Current Status

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
AB173	699-10-3D	DECOMMISSIONED- V	01/03/2008	FY 2008 Admin Decomm Pkg 3 Survey Data Report - No well found - no casing detected

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOUF
A8173	699-10-3D	01/01/1801					

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A8173	699-10-3D	UNKNOWN	NAD83	01/01/1801	CONVERTED	126601.519	588882.222	m	

SURVEY DATA REPORT

Request No.
081-036

Project No.

Title:
Well Decommissioning: Well A8173 / 699-10-3D

File No.
6AT11R28

Job No.
65400811.1225400
CA10

Prepared By
Tim Johnson

Date
12/5/2007

Reviewer
Larry A. Henke

Page
1 of 2

DESCRIPTION OF WORK

DISTRIBUTION

SDR

PLOT

DWG

Attempt to locate Wells A8173 at coordinates given.

Survey File

OR

E.C. Rafuse

1

S.H. Worley

1

B.J. Howard

1

G.G. Kely

1

E.E. Oliver

1

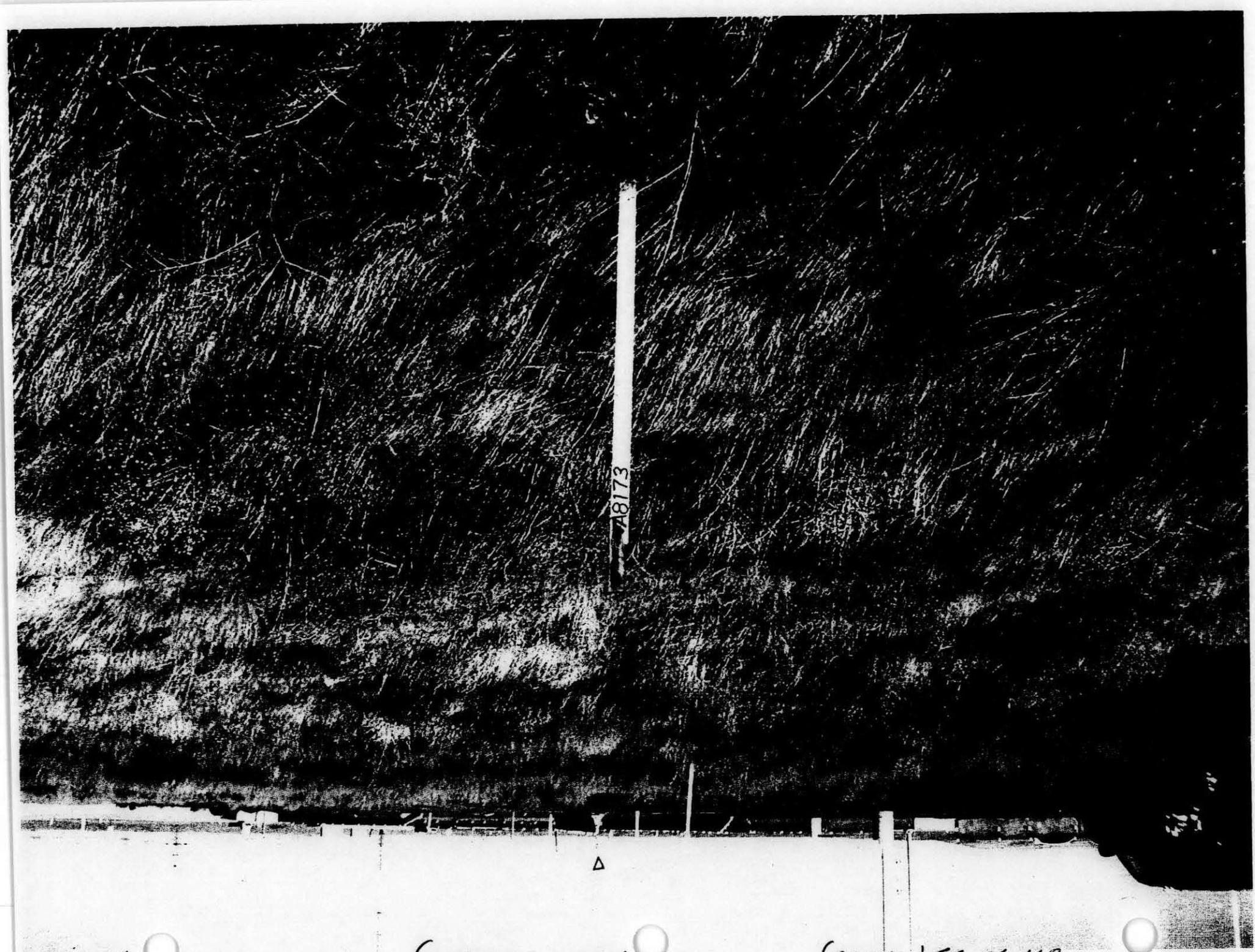
Horizontal Coordinate System: WCS83S/91 (Meters)
Vertical Datum: NAVD88 (Meters)
Equipment Used: Trimble 5800 GPS Receiver.

SURVEY RESULTS AND COMMENTS

<u>Name</u>	<u>Northing</u>	<u>Easting</u>	<u>Description</u>
A8173	126601.52	588882.22	No well found. Set hub and lath, see photo.

NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.

SCAN DATA REPORT <i>699-10-3D</i>				Request No.: 081-095		
Project No.: A		Title: Well Decommissioning: Scan @ Well A8173			File No. : 600S-001	
Job No.: 65400811.1225400 / CA10		Prepared by: S. Wray	Date: 12/7/07	Reviewer: <i>Larry Hunk</i>	Page 1 of 1	
DESCRIPTION OF WORK: Performed a ground scan (20' x 20' area) at staked well location A8173			DISTRIBUTION	SDR	SKETCH	DWG
			Survey File	OR	OR	
			B.J. Howard	1		
			E.C. Rafuse	1		
			S.H. Worley	1		
			G.G. Kely	1		
			E.E. Oliver	1		
DATE OF FIELD INVESTIGATION: 12/05/07						
Weather: Temp <u>40°F</u> Wind <u>20</u> MPH		Soil Conditions: <input checked="" type="checkbox"/> Rocky <input checked="" type="checkbox"/> Sandy <input type="checkbox"/> Wet <input checked="" type="checkbox"/> Dry				
<input type="checkbox"/> Cloudy <input type="checkbox"/> Clear <input checked="" type="checkbox"/> P. Cloudy <input type="checkbox"/> Fog		Depth of Investigation <u>5</u> feet				
Equipment Used:			Required Functional Checks			
_____ 50/60 Hz detector (for energized lines)			Current/Completed			
_____ Radio Frequency Electromagnetics (RF)			<input type="checkbox"/>			
_____ Ground Penetrating Radar (GPR)			<input type="checkbox"/>			
<input checked="" type="checkbox"/> Other (identify) Magnetic Locator (Schonstedt)			<input checked="" type="checkbox"/>			
GPR Antenna(s) Used: <input type="checkbox"/> 1000 MHz <input type="checkbox"/> 500 MHz <input type="checkbox"/> 400 MHz <input type="checkbox"/> 300 MHz						
Documentation Provided: None						
Limits of Investigation: As noted						
EQUIPMENT LIMITATIONS:						
1. Objects made of concrete, clay pipe, PVC pipe, and fiberglass pipe are generally not detectable.						
2. The transducers have a horizontal scanning limit to existing structures: the 1000 MHz is within 6 in. of an existing structure; the 500 MHz is within 1 ft. of an existing structure; the 400 MHz is within 1 ft. of an existing structure; and the 300 MHz is within 3 ft. of an existing structure.						
Discussion of Findings: Client is advised that subsurface location scanning is not 100% accurate. Client is hereby notified that equipment limitations, soil /concrete conditions, utility congestion and other factors beyond Contractor control may cause subsurface objects to be missed or incorrectly located. Client assumes such risk. It is critical that Client delegate responsibility to its employees, staff and management for application of safety controls during excavation, cutting or drilling activities to prevent physical injury or property damage. Contractor shall not be liable for any injuries or damages arising from or caused by subsurface objects.						
Note: No evidence of well casing detected in scan area.						



A8173

△

10/7/67

FPTF (400ACEN)

694-10-3D (A8173)

699-18-27J
A8392

WELL ATTRIBUTES REPORT

WELL ID	A8392	NORTHING	128826.1	FIELD ORDER NO	
WELL NAME	699-18-273	EASTING	581679.4	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	163.484	CONST DATE	
GW OPERABLE UNIT	200-PO-1	DRILL DATE	7/23/1981	CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
SURFACE EROSION	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> ND <input type="checkbox"/> MINOR <input type="checkbox"/> NONE	SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> NONE
LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input checked="" type="checkbox"/> ND <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED
ACTIVITY PERFORMED BY		ACTIVITY PERFORMED BY	
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED	___/___/___
PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TYPE		PUMP TYPE	
PUMP MAKE		PUMP MAKE	
PUMP MODEL		PUMP MODEL	
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)	
LAST TUBING INFORMATION		CURRENT TUBING INFORMATION	
TUBING SIZE (in)		TUBING SIZE (in)	
TUBING MATERIAL		TUBING MATERIAL	
TUBING LENGTH (ft)		TUBING LENGTH (ft)	
TUBING CONNECTION		TUBING CONNECTION	
LAST MEASUREMENT INFORMATION		CURRENT MEASUREMENT INFORMATION	
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)	
DEPTH TO WATER DATE		DEPTH TO WATER DATE	___/___/___
DEPTH TO BOTTOM(ft)		DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE	___/___/___
STICK UP(ft)		STICK UP(ft)	
REFERENCE MARK(ft)		REFERENCE MARK(ft)	
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO

WELL ATTRIBUTES REPORT

WELL ID	A8392	NORTHING	128826.1	FIELD ORDER NO	
WELL NAME	699-18-27J	EASTING	581679.4	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	163.484	CONST DATE	
GW OPERABLE UNIT	200-PO-1	DRILL DATE	7/23/1981	CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

WELL ATTRIBUTE COMMENTS

CASING INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED

CHANGES

SCREEN INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	SLOT SIZE/UNITS	REMOVED

CHANGES

PERFORATION INFORMATION

CASING SIZE/UNITS	TOP/BOT/UNITS	CUTS/FT/ROUND	REMOVED

CHANGES

WELL NAME WELL TYPE PUMP TYPE	COORDINATES		CASING ELEV WELL DIAM DATE COMPL	DRILL DEPTH COMPL DEPTH DEPTH WATER	PERF/SCREEN			COMMENTS PREVIOUS WELL NAMES
	L 83 NS/EW	PLANT NS/EW			TYPE	DIAM	TOP	
699-18-27G SW			533.20 6.0 4/81	240.0 235.0 132.0				X-19
699-18-27H SW			531.40 6.0 4/81	240.0 129.2 138.0				X-20
699-18-27I AB			534.00 6.0 4/81	240.0 25.2 140.0				DESTROYED X-16
699-18-27J AB			532.90 6.0 7/81	128.0 126.2				DESTROYED X-21
699-18-27K AB								DESTROYED X-21A
699-18-27L AB								DESTROYED X-22
699-18-27M AB								DESTROYED
			Hanford Wells PNL-8800 UC-903 M. A. Chamness & J. K. Merz August 1993 Prepared for U. S. Dept of Energy under Contract DE-AC06-76RLO 1830 Pacific NW Lab by Battelle Memorial Institute					
699-18-28 GW	17646.00 -27616.00		539.00 6.0 5/81	160.0 155.0 137.0	P	6.0	135.0	155.0 MW-4
699-18-33 VW			6.0 12/81					
699-19-E9 VW	1900.00 9400.00		441.10 12/74	103.0				1D-SP-20
699-19-9 VW	19400.00 -9300.00		450.00 6.0 12/43	95.0 95.0				NOT LOCATED U.S.E.D.L-3
699-19-20 GW			6.0 12/81	148.0				

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOUF
A8392	699-18-27J	07/23/1981		128	ft		

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A8392	699-18-27J	UNKNOWN	NAD83	01/01/1801	UNKNOWN	128826.1	581679.4	m	

HWIS Interface - Well History Information - Current Status

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A8392	699-18-27J	DECOMMISSIONED- V	12/20/2007	FY 2008 Admin Decomm Pkg 2 Cluster well Field Inspection 2006 LIGO found well stake photo no casing visible

LOCATED NEAR LEGO
SEE PHOTO; WELL DECOMM.

WELL ATTRIBUTES REPORT

FIELD ORDER NO _____
WELL ID A8392
WELL NAME 699-18-27J
HOST WELL ID _____

CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING 128826.1
EASTING 581679.4
ELEVATION 163.484

LAST INSPECTION INFORMATION			CURRENT INSPECTION INFORMATION		
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL PAD	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	BRASS SURVEY MARKER	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL ID	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL NAME	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO		
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO		
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO		
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO		
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO		
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO		
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO		
SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> NONE <input type="checkbox"/> MINOR <input checked="" type="checkbox"/> ND*	SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> NONE <input type="checkbox"/> MINOR		
LAST PUMP INFORMATION		CURRENT PUMP INFORMATION			
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> REPLACED <input checked="" type="checkbox"/> ND* <input type="checkbox"/> REMOVED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> REPLACED <input type="checkbox"/> REMOVED <i>Decomm.</i>		
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO		
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO		
ACTIVITY PERFORMED BY	ND*	ACTIVITY PERFORMED BY	<i>Ed. Kofner</i>		
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED	<i>02/02/07</i>		
PUMP TYPE	ND*	PUMP TYPE			
PUMP MAKE	ND*	PUMP MAKE			
PUMP MODEL	ND*	PUMP MODEL			
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)			
TUBING SIZE (in)		TUBING SIZE (in)			
TUBING MATERIAL	ND*	TUBING MATERIAL			
TUBING LENGTH (ft)		TUBING LENGTH (ft)			
TUBING CONNECTION	ND*	TUBING CONNECTION			

ND* - Not Documented

LOCATED NEAR LIGO
SEE PHOTO; WELL DECOMMISSION.

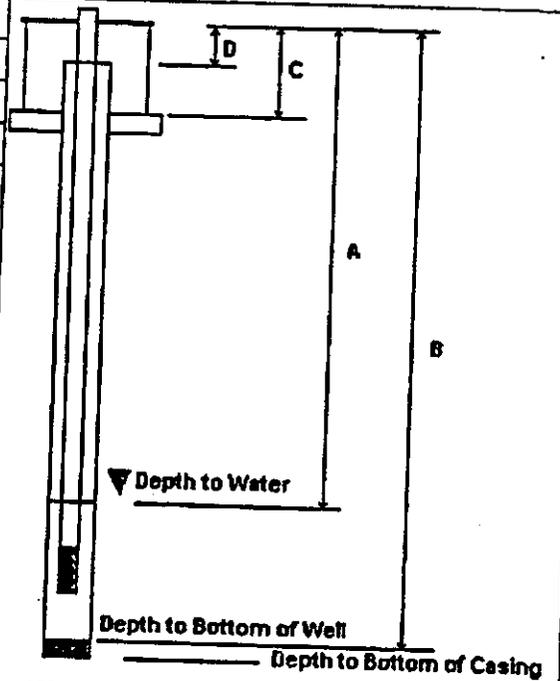
WELL ATTRIBUTES REPORT

WELL ORDER NO _____
 WELL ID AB392
 WELL NAME 699-18-27J
 HOST WELL ID _____

CONST DATE _____
 CONST DEPTH _____

LAST INSPECTION 1/1/1801
 NORTHING 128826.1
 EASTING 581679.4
 ELEVATION 163.484

MEASUREMENT INFORMATION		
	LAST	CURRENT
A DEPTH TO WATER(ft)		
DEPTH TO WATER DATE		
B DEPTH TO BOTTOM(ft)		
DEPTH TO BOTTOM DATE		
C STICK UP(ft)		
D REFERENCE MARK(ft)		
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	<input type="checkbox"/> YES <input type="checkbox"/> NO



A DEPTH TO WATER FROM TOP OF CASING
B DEPTH TO BOTTOM OF WELL FROM TOP OF CASING
C TOP OF CASING TO GROUND SURFACE/PAD
D TOP OF CASING TO SURVEY REFERENCE MARKER

PERFORATION INFORMATION

CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND

CHANGES

CASING INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS

CHANGES

SCREEN INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE

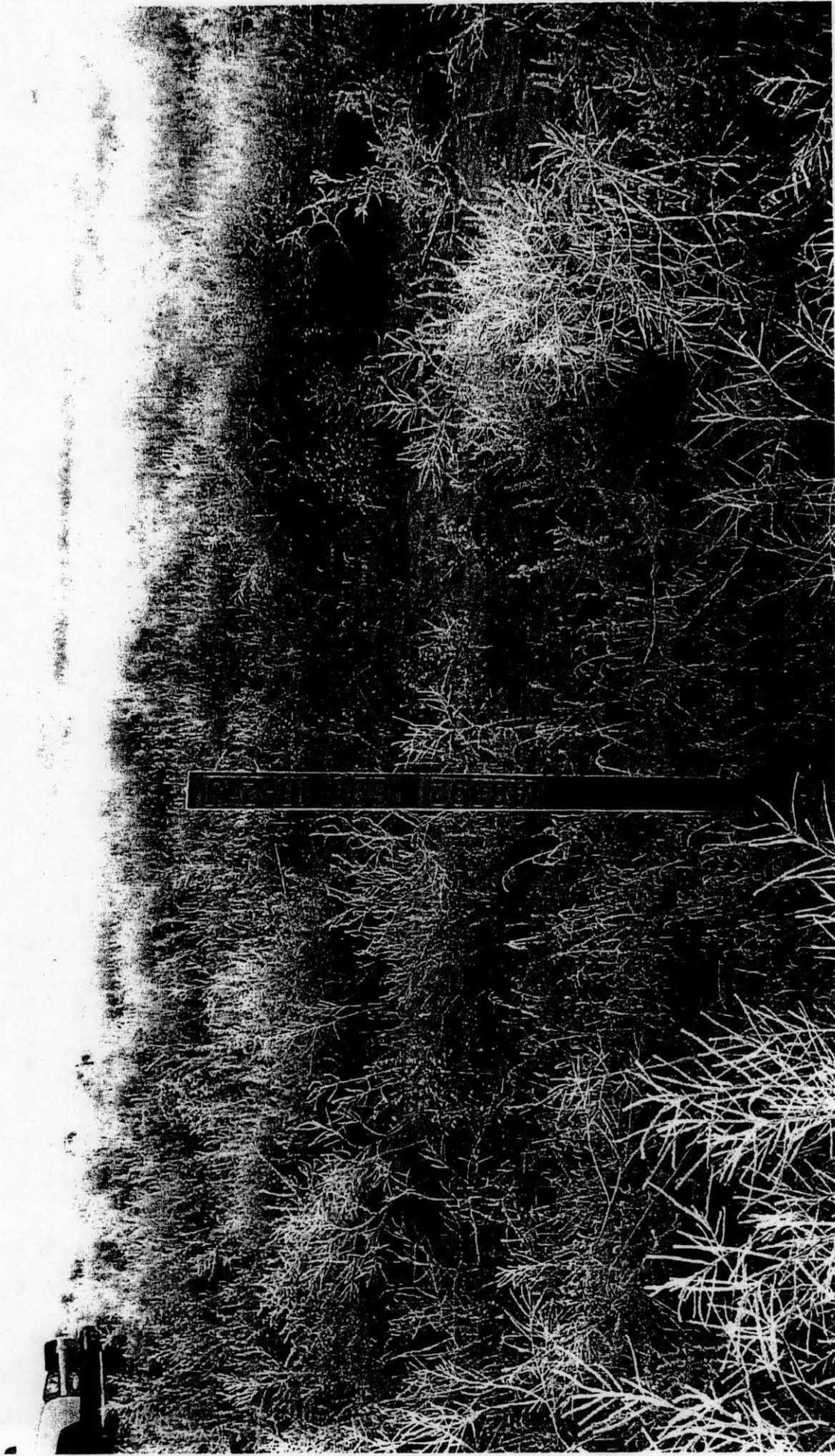
CHANGES

ND* - Not Documented

Alaska

Green Line 0110

LEOP FACILITY



699-18-27K
A8393

WELL ATTRIBUTES REPORT

WELL ID	A8393	NORTHING	128829.2	FIELD ORDER NO	
WELL NAME	699-18-27K	EASTING	581682.1	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	163.453	CONST DATE	
GW OPERABLE UNIT	200-PO-1	DRILL DATE	7/24/1981	CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
SURFACE EROSION	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> ND <input type="checkbox"/> MINOR <input type="checkbox"/> NONE	SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> NONE
LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input checked="" type="checkbox"/> ND <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED
ACTIVITY PERFORMED BY		ACTIVITY PERFORMED BY	
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED	__/__/__
PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TYPE		PUMP TYPE	
PUMP MAKE		PUMP MAKE	
PUMP MODEL		PUMP MODEL	
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)	
LAST TUBING INFORMATION		CURRENT TUBING INFORMATION	
TUBING SIZE (in)		TUBING SIZE (in)	
TUBING MATERIAL		TUBING MATERIAL	
TUBING LENGTH (ft)		TUBING LENGTH (ft)	
TUBING CONNECTION		TUBING CONNECTION	
LAST MEASUREMENT INFORMATION		CURRENT MEASUREMENT INFORMATION	
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)	
DEPTH TO WATER DATE		DEPTH TO WATER DATE	__/__/__
DEPTH TO BOTTOM(ft)		DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE	__/__/__
STICK UP(ft)		STICK UP(ft)	
REFERENCE MARK(ft)		REFERENCE MARK(ft)	
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO

WELL ATTRIBUTES REPORT

WELL ID	A8393	NORTHING	128829.2	FIELD ORDER NO	
WELL NAME	699-18-27K	EASTING	581682.1	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	163.453	CONST DATE	
GW OPERABLE UNIT	200-PO-1	DRILL DATE	7/24/1981	CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

WELL ATTRIBUTE COMMENTS

CASING INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED

CHANGES

SCREEN INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	SLOT SIZE/UNITS	REMOVED

CHANGES

PERFORATION INFORMATION

CASING SIZE/UNITS	TOP/BOT/UNITS	CUTS/FT/ROUND	REMOVED

CHANGES

HWIS Interface - Well History Information - Current Status

.L_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A8393	699-18-27K	DECOMMISSIONED- V	12/20/2007	FY 2008 Admin Decomm Pkg 2 Cluster well Field Inspection 2006 LIGO found well stake photo no casing visible

HWIS Interface - Well History Information - Drilling

LL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE
A8393	699-18-27K	07/24/1981		190	ft		

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A8393	699-18-27K	UNKNOWN	NAD83	01/01/1801	UNKNOWN	128829.2	581682.1	m	

LOCATED NEAR LIGO
SEE PHOTO; WELL DECOMMIT.

WELL ATTRIBUTES REPORT

FIELD ORDER NO _____
 WELL ID A8393
 WELL NAME 699-18-27K
 HOST WELL ID _____

CONST DATE _____
 CONST DEPTH _____

LAST INSPECTION 1/1/1801
 NORTHING 128829.2
 EASTING 581682.1
 ELEVATION 163.453

LAST INSPECTION INFORMATION			CURRENT INSPECTION INFORMATION				
WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL PAD	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL ID	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL NAME	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
LAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> MINOR	<input checked="" type="checkbox"/> ND*	SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE
						<input type="checkbox"/> MINOR	
LAST PUMP INFORMATION			CURRENT PUMP INFORMATION				
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input checked="" type="checkbox"/> ND*	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	
				<i>Decommit</i>	<input type="checkbox"/> REMOVED		
PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
ACTIVITY PERFORMED BY	ND*			ACTIVITY PERFORMED BY	<i>Ed. Rajew</i>		
DATE ACTIVITY PERFORMED				DATE ACTIVITY PERFORMED	<i>02/02/07</i>		
PUMP TYPE	ND*			PUMP TYPE			
PUMP MAKE	ND*			PUMP MAKE			
PUMP MODEL	ND*			PUMP MODEL			
PUMP INTAKE DEPTH (ft)				PUMP INTAKE DEPTH (ft)			
TUBING SIZE (in)				TUBING SIZE (in)			
TUBING MATERIAL	ND*			TUBING MATERIAL			
TUBING LENGTH (ft)				TUBING LENGTH (ft)			
TUBING CONNECTION	ND*			TUBING CONNECTION			

LOCATED NEAR LEGO
SEE PHOTO, WELL DELONIA

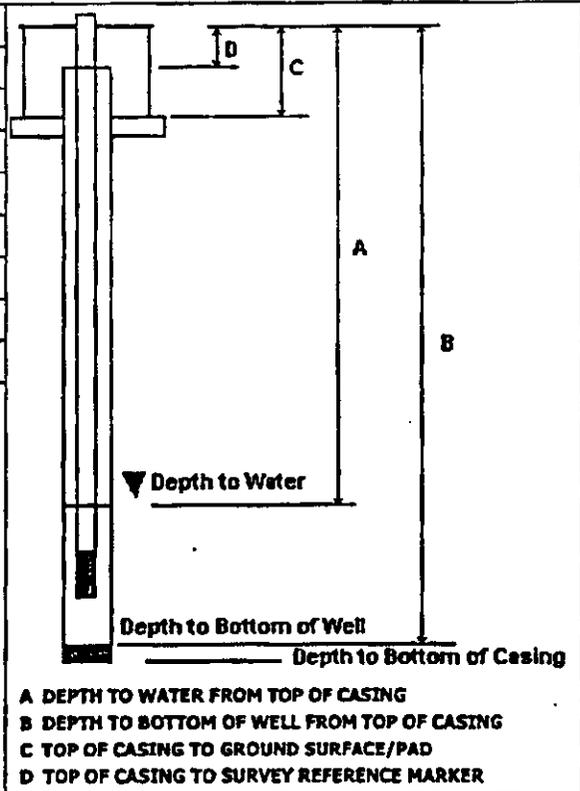
WELL ATTRIBUTES REPORT

IELD ORDER NO _____
 WELL ID AB393
 WELL NAME 699-18-27K
 HOST WELL ID _____

CONST DATE _____
 CONST DEPTH _____

LAST INSPECTION 1/1/1801
 NORTHING 128829.2
 EASTING 581682.1
 ELEVATION 163.453

MEASUREMENT INFORMATION		
	LAST	CURRENT
A DEPTH TO WATER(ft)		
DEPTH TO WATER DATE		
B DEPTH TO BOTTOM(ft)		
DEPTH TO BOTTOM DATE		
C STICK UP(ft)		
D REFERENCE MARK(ft)		
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	<input type="checkbox"/> YES <input type="checkbox"/> NO



PERFORATION INFORMATION			
CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND

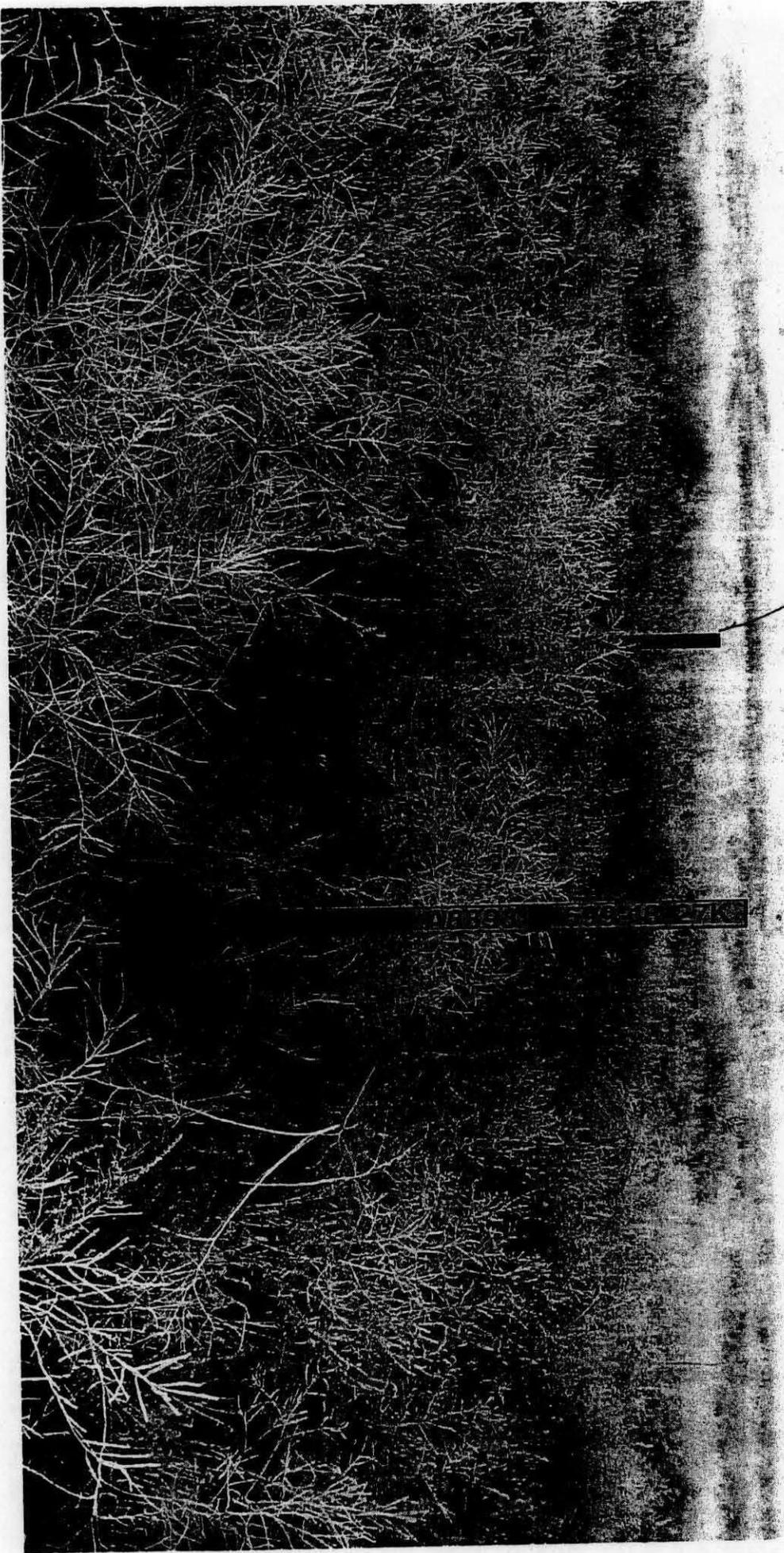
CHANGES

CASING INFORMATION						
SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS

CHANGES

SCREEN INFORMATION					
SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE

CHANGES



LE 98
Fracture
→

699-18-27K
→

Looking SE

A8393
699-18-27K

011-10 ... (N 111) ...

011-10 ...

699-84-35B
A9022

A9022

WELL NAME WELL TYPE PUMP TYPE	COORDINATES		CASING ELEV WELL DIAM DATE COMPL	DRILL DEPTH COMPL DEPTH DEPTH WATER	PERF/SCREEN			COMMENTS PREVIOUS WELL NAMES
	L 83 NS/EW	PLANT NS/EW			TYPE	DIAM	TOP	
699-84-35B AB			400.00 24.0	29.0				FILLED IN 699-84-35A, REF.2
699-84-36A AB								FILLED IN T14NR27E29F1
699-84-36B AB								FILLED IN 14/27-29E1
699-84-36C AB								FILLED IN 14/27-29M1
699-84-36D VW			4.0 4/74	35.0	P	6.0	29.0 30.0	4" LINER
699-84-36E VW			4.0 4/74	35.0	P	6.0	29.0 30.0	4" LINER
699-84-36F VW			4.0 4/74	35.0	P	6.0	29.0 30.0	4" LINER
699-84-37 VW			410.00 48.0	28.0				REF.2 NO.84
699-84-46 AB			48.0	27.0				FILLED IN REF.2 NO.116
699-84-59 GW		84325.00 -59480.00	459.97 3.0 2/73	1001.0				6" TO 120 FT. BH-16
699-84-61A GW			12.0	111.0				14/25-14N1, 699-84-61
699-84-61B GW		83720.00 -60880.00	470.60 12/72	115.0 76.0				BH-13

Hanford Wells
PNL-8800 UC-903
M. A. Chamness & J. K. Merz
August 1993
Prepared for U. S. Dept of Energy under
Contract DE-AC06-76RLO 1830
Pacific NW Lab by Battelle Memorial Institute

Available Documents:

Well ID	Document Number	Document Type	Date	Description	Rev
Well ID: A9022, Well Name: 699-84-35B					
A9022	- No information available -				

HWIS Interface - Well History Information - Current Status

LL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A9022	699-84-35B	DECOMMISSIONED- V	01/09/2008	FY 2008 Admin Decomm Pkg 3 Survey Data Report - No well found

HWIS Interface - Well History Information - Drilling

LL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE
A9022	699-84-35B	01/01/1801					

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A9022	699-84-35B	UNKNOWN	UNKNOWN	01/01/1801	ESTIMATED	149078	579225	m	

SCAN DATA REPORT

699-84-35B

Request No.:
081-107

File No.:
600C-001

Project No.:
NA

Title:
WELL DECOMMISSIONING - WELL A9022

b No.:
MEH1NF1225400 - 0010
homex-CA10

Prepared by:
Rand Taylor

Date:
1/8/08

Reviewer:
[Signature]

Page
1 of 1

DESCRIPTION OF WORK:

Performed a 10' radius scan at staked well location A9022.

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
B. Howard	1		
S. Worley	1		
E. Oliver	1		
G. Kelty	1		
E. Rafuse	1		
			1#

DATE OF FIELD INVESTIGATION: 1/8/08

Weather: Temp 25°F Wind 10 MPH

Cloudy Clear P. Cloudy Fog

Soil Conditions: Rocky Sandy Wet Dry

Depth of Investigation N/A feet

Equipment Used:

50/60 Hz detector (for energized lines)

Radio Frequency Electromagnetics (RF)

Ground Penetrating Radar (GPR)

Other (identify) Schonstedt-metal detector

Required Functional Checks

Current/Completed

GPR Antenna(s) Used: 1000 MHz 500 MHz 400 MHz 300 MHz

Documentation Provided: Sketch of well locations

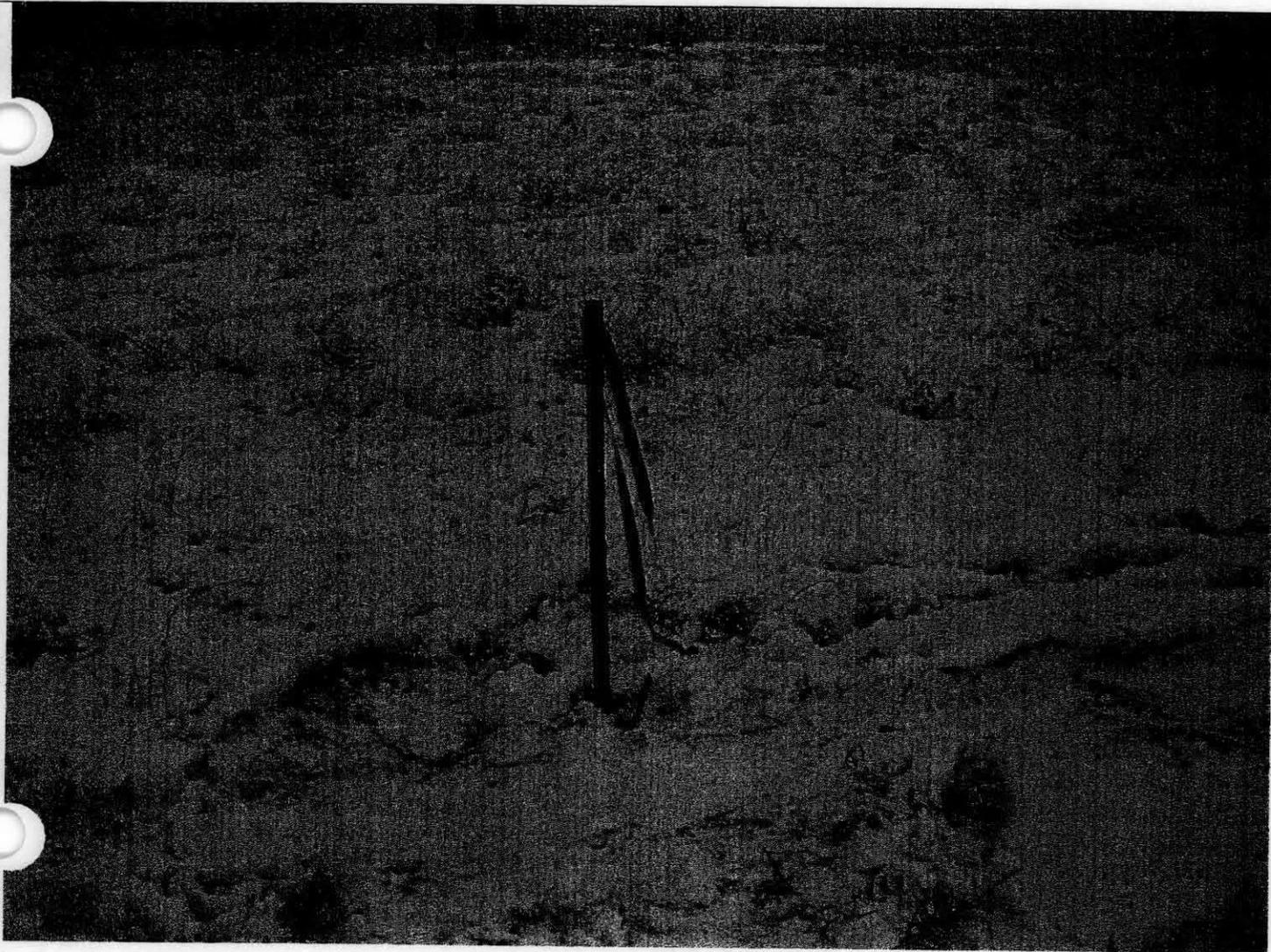
Limits of Investigation: Performed a 10' radius scan at staked well location A9022.

EQUIPMENT LIMITATIONS:

- Objects made of concrete, clay pipe, PVC pipe, and fiberglass pipe are generally not detectable.
- The transducers have a horizontal scanning limit to existing structures: the 1000 MHz is within 6 in. of an existing structure; the 500 MHz is within 1 ft. of an existing structure; the 400 MHz is within 1 ft. of an existing structure; and the 300 MHz is within 3 ft. of an existing structure.

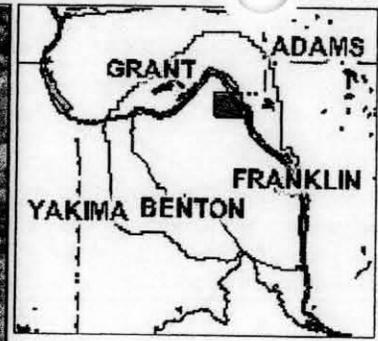
Discussion of Findings: Note, No well casing was detected at the staked well location.

SURVEY DATA REPORT				Request No. 081-107													
Project No.		Title: Well Decommissioning: Well A9022		File No. 6AT14R27													
No. MEH1NF1225400 0010 CA10		Prepared By Tim Johnson	Date 1/9/2008	Reviewer <i>Tim Johnson</i>													
DESCRIPTION OF WORK				DISTRIBUTION	SDR	PLOT	DWG										
Attempt to locate well A9022 at coordinates given. Horizontal Coordinate System: WCS83S/91 (Meters) Vertical Datum: NAVD88 (Meters) Equipment Used: Trimble 5800 GPS Receiver.				Survey File	OR												
				E.C. Rafuse	1												
				S.H. Worley	1												
				B.J. Howard	1												
				G.G. Kelty	1												
				E.E. Oliver	1												
SURVEY RESULTS AND COMMENTS																	
<table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Name</u></th> <th style="text-align: left;"><u>Northing</u></th> <th style="text-align: left;"><u>Easting</u></th> <th style="text-align: left;"><u>Ground Elev.</u></th> <th style="text-align: left;"><u>Description</u></th> </tr> </thead> <tbody> <tr> <td>A9022</td> <td>149078.00</td> <td>579225.00</td> <td>122.66</td> <td>No well found. Set hub and lath. See photo.</td> </tr> </tbody> </table>								<u>Name</u>	<u>Northing</u>	<u>Easting</u>	<u>Ground Elev.</u>	<u>Description</u>	A9022	149078.00	579225.00	122.66	No well found. Set hub and lath. See photo.
<u>Name</u>	<u>Northing</u>	<u>Easting</u>	<u>Ground Elev.</u>	<u>Description</u>													
A9022	149078.00	579225.00	122.66	No well found. Set hub and lath. See photo.													
<p>NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.</p>																	



699-84-3512
A9022

699-84-3512^y
A9023^y2



OFFICIAL USE ONLY - FURTHER DISSEMINATION RESTRICTED

0 466m 0 0.4km

Scale 1:30,368
1 cm = 304 m

WELL_ID	WELL_I	ESTIMATED_QTR_QTR_SEC	GW AOI	ELEVATION	NORTHING	EASTING	WEL	STATUS_CHANGE_CO MMENT	DRILL DATE	DRILL DEPTH	CONST DATE	CONST DEPTH	DTB	DTW	DRY_	WELL_NAME_SYNON MS
B8637	14N27E16C02B	T14N, R27E, S16, NW 1/4, NE 1/4			153295.9	580813.8	GROUNDWATER WELL									
B8638	14N27E16C02C	T14N, R27E, S16, NW 1/4, NE 1/4			153295.9	580813.8	GROUNDWATER WELL									
A4707	199-N-63	T14N, R26E, S28, NE 1/4, SW 1/4	100-NR-2	143.436	149519.347	571630.608	GROUNDWATER WELL		19-Nov-87	81	19-Nov-87	81	83.32			N-63
A5887	299-E17-53	T12N, R26E, S11, NE 1/4, NW 1/4	200-PO-1	220.369	135146.071	574940.301	VADOSE WELL		31-Jan-87	152			150			
A8065	399-1-13B	T10N, R28E, S2, SW 1/4, SW 1/4	300-FF-5	119.523	116549.197	593909.593	GROUNDWATER WELL		03-Feb-92	123.8	03-Feb-92	123.8	117.2			1-13B, 399 1 13B
A8068	399-1-20	T10N, R28E, S2, SW 1/4, SE 1/4	300-FF-5	118.506	116339.641	594257.261	UNCLASSIFIED		12-Dec-88	187			131			WB-2
A8230	699-11-E10	T11N, R28E, S3, NW 1/4, SE 1/4	300-FF-5	143.26	126995.47	592806.89	VADOSE WELL	FY 2008 Survey verifying	31-Dec-74	130			108.2			1B-SP-18
A8673	699-42-E9A	T12N, R28E, S3, SW 1/4, NE 1/4		118.982	136324.532	592435.142	PIEZOMETER HOST		11-Nov-91	233						
A8912	699-58-41E	T13N, R27E, S19, NW 1/4, SE 1/4	200-BP-5	214.168	141188.307	577473.219	UNCLASSIFIED	geological investigation	31-Mar-81	390			388	255.2	N	G-13, GOLDER G-13
A8914	699-58-48	T13N, R26E, S23, NE 1/4, SE 1/4	200-BP-5		141153.4	575262.6	UNCLASSIFIED									
A8915	699-59-24	T13N, R27E, S22, NW 1/4, SE 1/4	100-FR-3		141458	582578	GROUNDWATER WELL									
A8917	699-59-44	T13N, R26E, S24, NE 1/4, SW 1/4	200-BP-5	232.026	141541.476	576614.77	VADOSE WELL	round wier box, unable to							33	
A8931	699-61-26B	T13N, R27E, S4, NE 1/4, NE 1/4	100-FR-3	126.032	146517	581702	VADOSE WELL	investigation borehole 70'	31-Dec-80	70						GOLDER 107
A8981	699-76-90	T13N, R25E, S3, NW 1/4, NW 1/4		127.244	146517	562602	VADOSE WELL	Eagles nesting - could not							51	T13NR27E16R2
A8989	699-80-11	T14N, R28E, S31, NW 1/4, NW 1/4		225.572	148294	586770	UNCLASSIFIED	investigation borehole								13/25-3D1
A8988	699-80-2	T14N, R28E, S32, NE 1/4, SW 1/4		237.314	147941	589341	VADOSE WELL									14/28-31E1
A8998	699-80-73B	T14N, R26E, S31, SW 1/4, NE 1/4		127.855	147352	567822	VADOSE WELL	NOT owned by DOE								14/28-32G1
A8999	699-81-5	T14N, R28E, S31, NW 1/4, NW 1/4		226.691	148294	586770	UNCLASSIFIED	investigation borehole 53'								SCHOOL WELL
A9011	699-83-11	T14N, R28E, S30, SW 1/4, SW 1/4		225.679	148697	586762	UNCLASSIFIED	investigation borehole 99'								14/28-32D1
A9012	699-83-16	T14N, R27E, S26, SE 1/4, SE 1/4		224.169	148641	584714	UNCLASSIFIED	investigation borehole								14/28-30N1
A9010	699-83-5	T14N, R28E, S29, SW 1/4, NW 1/4		229.693	149136	588515	VADOSE WELL									14/27-26R1
A9017	699-84-16	T14N, R27E, S26, SE 1/4, NE 1/4		221.103	149046	584711	UNCLASSIFIED	investigation borehole								14/28-29M1
A9018	699-84-20	T14N, R27E, S26, SW 1/4, NW 1/4		207.123	149032	583504	VADOSE WELL	investigation borehole 96'								14/27-26J1
A9022	699-84-35B	T14N, R27E, S29, SW 1/4, NE 1/4	100-FR-3		149078	579225	UNCLASSIFIED									14/27-26M1
A9032	699-84-61A	T14N, R25E, S14, SW 1/4, SW 1/4			151763	564145	VADOSE WELL									REF. 2 NO.86
A9048	699-85-11	T14N, R28E, S30, SW 1/4, NW 1/4		224.735	149099	586754	UNCLASSIFIED	investigation borehole 91'								14/25-14N1, 699-84-61
A9049	699-85-21	T14N, R27E, S26, NW 1/4, SW 1/4		208.663	149435	583499	VADOSE WELL	investigation borehole 81'								14/28-30 M1
A9052	699-86-11	T14N, R28E, S30, NW 1/4, NW 1/4		223.096	149904	586738	VADOSE WELL	investigation borehole 60'								14/27-26E1
A9063	699-87-23	T14N, R27E, S27, NE 1/4, NE 1/4			149836	583094	UNCLASSIFIED	investigation borehole 70'								14/28-30D1
A9064	699-87-24	T14N, R27E, S27, NE 1/4, SE 1/4			149593	582898	VADOSE WELL									OBSERVATION
A9098	699-98-54C	T14N, R26E, S10, SE 1/4, NW 1/4			154101	573194	UNCLASSIFIED									14/27-27Q1
A9193	699-S17-28	T11N, R27E, S33, SW 1/4, NE 1/4		146.438	118293.4	581358.6	UNCLASSIFIED		31-Dec-71	145						14/26-10Q1
A9194	699-S17-30A	T11N, R27E, S32, SE 1/4, NE 1/4		144	118293.4	580749	UNCLASSIFIED		31-Dec-71	109						DDH-4
A9195	699-S17-30B	T11N, R27E, S32, SE 1/4, NE 1/4		143.391	118293.4	580749	UNCLASSIFIED		31-Dec-71	107						DDH-1
A9196	699-S17-30C	T11N, R27E, S32, SE 1/4, NE 1/4		142.476	118293.4	580749	UNCLASSIFIED		31-Dec-71	89						DDH-2
C3437	C3437	T11N, R28E, S8, NE 1/4, SW 1/4	300-FF-5	137.736	125378.367	589662.416	UNCLASSIFIED	Inspections by Survey								DDH-3

36 WELLS

WELL DECOMMISSIONINGS

699-86-37
A9058

WELL ATTRIBUTES REPORT

WELL ID	A9058	NORTHING	149465	FIELD ORDER NO	
WELL NAME	699-86-37	EASTING	578731	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	122.984	CONST DATE	
GW OPERABLE UNIT	100-FR-3	DRILL DATE		CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

LAST INSPECTION INFORMATION			CURRENT INSPECTION INFORMATION		
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO	
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO	
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO	
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO	
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO	
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO	
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO	
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO	
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO	
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO	
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO	
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO	
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO	
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO	
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO	
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO	
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO	
SURFACE EROSION	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> ND <input type="checkbox"/> MINOR <input type="checkbox"/> NONE		SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> NONE	

LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input checked="" type="checkbox"/> ND <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED

ACTIVITY PERFORMED BY		ACTIVITY PERFORMED BY	
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED	___/___/___
PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TYPE		PUMP TYPE	
PUMP MAKE		PUMP MAKE	
PUMP MODEL		PUMP MODEL	
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)	

LAST TUBING INFORMATION		CURRENT TUBING INFORMATION	
TUBING SIZE (in)		TUBING SIZE (in)	
TUBING MATERIAL		TUBING MATERIAL	
TUBING LENGTH (ft)		TUBING LENGTH (ft)	
TUBING CONNECTION		TUBING CONNECTION	

LAST MEASUREMENT INFORMATION		CURRENT MEASUREMENT INFORMATION	
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)	
DEPTH TO WATER DATE		DEPTH TO WATER DATE	___/___/___
DEPTH TO BOTTOM(ft)		DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE	___/___/___
STICK UP(ft)		STICK UP(ft)	
REFERENCE MARK(ft)		REFERENCE MARK(ft)	
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO

WELL ATTRIBUTES REPORT

WELL ID	A9058	NORTHING	149465	FIELD ORDER NO	
WELL NAME	699-86-37	EASTING	578731	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	122.984	CONST DATE	
GW OPERABLE UNIT	100-FR-3	DRILL DATE		CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

WELL ATTRIBUTE COMMENTS

CASING INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED

CHANGES

SCREEN INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	SLOT SIZE/UNITS	REMOVED

CHANGES

PERFORATION INFORMATION

CASING SIZE/UNITS	TOP/BOT/UNITS	CUTS/FT/ROUND	REMOVED

CHANGES

WELL NAME	WELL TYPE	COORDINATES		CASING ELEV	DRILL DEPTH	PERF/SCREEN			COMMENTS	
		L 83	PLANT	WELL DIAM	COMPL DEPTH	-----	-----	-----	PREVIOUS WELL NAMES	
PUMP TYPE		NS/EW	NS/EW	DATE COMPL	DEPTH WATER	TYPE	DIAM	TOP	BOT	
699-86-36B	SW				150.0					SHOT HOLE
				8.0						
				12/84	32.0					
699-86-37	AB			400.00	42.0					FILLED IN
				60.0						T14NR27E29E1
699-86-42	GW									DUG WELL
										T14NR27E30E1
699-86-60	AB							50.0	500.0	ABANDONED AND SEALED.
699-86-64	GW									6" TO 60'
										BH-18
699-86-95	GW				648.0	P	24.0	492.0	503.0	NOT LOCATED
				24.0						14/25-28E1
699-87-2	OS			820.00	500.0					ED WELL
				8.0						14/28-29B1, MICHEL
699-87-23	OS				70.0					USBR
										14/27-27A1
699-87-24	OS				68.0					USBR OBSERVATION WELL
				2.0						14/27-27Q1
699-87-37	AB			410.00	42.0					FILLED IN
				48.0	42.0					REF.2 NO.92
699-87-40	AB			410.00	43.0					FILLED IN
				60.0	43.0					14/27-30C1
699-87-42A	GW		87187.00	416.53	39.0					DUG WELL
			-42331.00	12.0						14/27-30D2, REF.2
					41.0					

Hanford Wells
PNL-8800 UC-903
M. A. Chamness & J. K. Merz
August 1993
Prepared for U. S. Dept of Energy under
Contract DE-AC06-76RLO 1830
Pacific NW Lab by Battelle Memorial Institute

HWIS Interface - Well History Information - Current Status

.L_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A9058	699-86-37	DECOMMISSIONED- V	10/15/2007	Admin decommission FY 2008 Admin Decommission PKG 1 Field Inspection 2006 no well located

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE
A9058	699-86-37	01/01/1801					

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A9058	699-86-37	BHI	NAD83(91)	01/01/1801	ESTIMATED	149465	578731	m	P

699-86-37

SCAN DATA REPORT

Request No.:
073-327

Project No.:
A

Title:
Well Decommissioning: A9058 (Ground Scan)

File No.:
600C-001

Job No.:
65400811.1225400 CA10

Prepared by:
Tim Johnson

Date:
9/26/07

Reviewer:
[Signature]

Page
1 of 1

DESCRIPTION OF WORK: Perform ground scan (20' x20' Area) around staked location of Well A9058 in attempt to locate possible buried casings.

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
S.H. Worley	1		
B.J. Howard	1		
E.C. Rafuse	1		
G.G. Kelty	1		
W.D. Webber	1		

DATE OF FIELD INVESTIGATION: 9/20/2007

Weather: Temp 70°F Wind 5 MPH
 Cloudy Clear P. Cloudy Fog

Soil Conditions: Rocky Sandy Wet Dry

Depth of Investigation 8 feet

Equipment Used:

- 50/60 Hz detector (for energized lines)
- Radio Frequency Electromagnetics (RF)
- Ground Penetrating Radar (GPR)
- Other (identify) Magnetic Locator (Schonstedt)

Required Functional Checks
Current/Completed

-
-
-
-

GPR Antenna(s) Used: 1000 MHz 500 MHz 400 MHz 300 MHz

Documentation Provided: None

Limits of Investigation: 20' x 20' area centered on staked position of well.

EQUIPMENT LIMITATIONS:

- Objects made of concrete, clay pipe, PVC pipe, and fiberglass pipe are generally not detectable.
- The transducers have a horizontal scanning limit to existing structures: the 1000 MHz is within 6 in. of an existing structure; the 500 MHz is within 1 ft. of an existing structure; the 400 MHz is within 1 ft. of an existing structure; and the 300 MHz is within 3 ft. of an existing structure.

Discussion of Findings: Client is advised that subsurface location scanning is not 100% accurate. Client is hereby notified that equipment limitations, soil /concrete conditions, utility congestion and other factors beyond Contractor control may cause subsurface objects to be missed or incorrectly located. Client assumes such risk. It is critical that Client delegate responsibility to its employees, staff and management for application of safety controls during excavation, cutting or drilling activities to prevent physical injury or property damage. Contractor shall not be liable for any injuries or damages arising from or caused by subsurface objects.

Note: No evidence of well casing detected in scan area.

SEE PLAN REPORT NO WELL LOCATED IN VICINITY OF STAKE WELL. WELL DECOMMISSIONED.

ECR 12/16/07

WELL ATTRIBUTES REPORT

WELL ORDER NO		LAST INSPECTION	1/1/1801
WELL ID	A9058	NORTHING	149465
WELL NAME	699-86-37	EASTING	578731
HOST WELL ID		ELEVATION	122.984
	CONST DATE		
	CONST DEPTH		

LAST INSPECTION INFORMATION				CURRENT INSPECTION INFORMATION			
WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> MINOR <input checked="" type="checkbox"/> ND*	SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> MINOR
LAST PUMP INFORMATION				CURRENT PUMP INFORMATION			
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input checked="" type="checkbox"/> ND*	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input type="checkbox"/> REMOVED
PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
ACTIVITY PERFORMED BY	ND*			ACTIVITY PERFORMED BY			
DATE ACTIVITY PERFORMED	ND*			DATE ACTIVITY PERFORMED			
PUMP TYPE	ND*			PUMP TYPE			
PUMP MAKE	ND*			PUMP MAKE			
PUMP MODEL	ND*			PUMP MODEL			
PUMP INTAKE DEPTH (ft)	ND*			PUMP INTAKE DEPTH (ft)			
TUBING SIZE (in)	ND*			TUBING SIZE (in)			
TUBING MATERIAL	ND*			TUBING MATERIAL			
TUBING LENGTH (ft)	ND*			TUBING LENGTH (ft)			
TUBING CONNECTION	ND*			TUBING CONNECTION			

WELL ATTRIBUTES REPORT

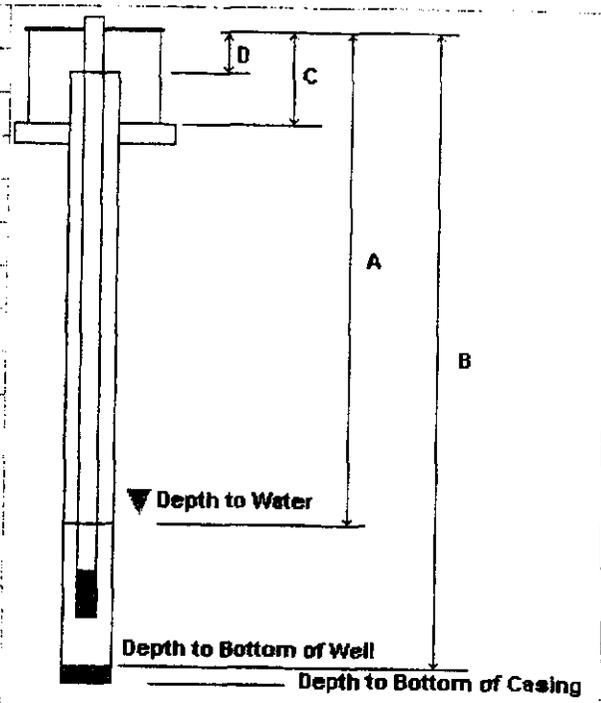
WELL ORDER NO
WELL ID A9058
WELL NAME 699-86-37
HOST WELL ID

CONST DATE
CONST DEPTH

LAST INSPECTION 1/1/1801
NORTHING 149465
EASTING 578731
ELEVATION 122.984

MEASUREMENT INFORMATION

	LAST	CURRENT
A DEPTH TO WATER(ft)		
DEPTH TO WATER DATE		
B DEPTH TO BOTTOM(ft)		
DEPTH TO BOTTOM DATE		
C STICK UP(ft)		
D REFERENCE MARK(ft)		
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	<input type="checkbox"/> YES <input type="checkbox"/> NO



- A DEPTH TO WATER FROM TOP OF CASING
- B DEPTH TO BOTTOM OF WELL FROM TOP OF CASING
- C TOP OF CASING TO GROUND SURFACE/PAD
- D TOP OF CASING TO SURVEY REFERENCE MARKER

PERFORATION INFORMATION

CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND

CHANGES

CASING INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS

CHANGES

SCREEN INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE

CHANGES

ND* - Not Documented

SCAN DATA REPORT

 Request No.:
073-327

 Project No.:
A

 Title:
Well Decommissioning: A9058 (Ground Scan)

 File No.:
600C-001

 No.:
65400811.1225400 CA10

 Prepared by:
Tim Johnson

 Date:
9/26/07

 Reviewer:
[Signature]

 Page
1 of 1

DESCRIPTION OF WORK: Perform ground scan (20' x20' Area) around staked location of Well A9058 in attempt to locate possible buried casings.

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
S.H. Worley	1		
B.J. Howard	1		
E.C. Rafuse	1		
G.G. Kelty	1		
W.D. Webber	1		

DATE OF FIELD INVESTIGATION: 9/20/2007

 Weather: Temp 70°F Wind 5 MPH
 Cloudy Clear P. Cloudy Fog

 Soil Conditions: Rocky Sandy Wet Dry

 Depth of Investigation 8 feet

Equipment Used:

- 50/60 Hz detector (for energized lines)
- Radio Frequency Electromagnetics (RF)
- Ground Penetrating Radar (GPR)
- Other (identify) Magnetic Locator (Schonstedt)

Required Functional Checks

- Current/Completed
-
-
-
-
-
-
-
-

 GPR Antenna(s) Used: 1000 MHz 500 MHz 400 MHz 300 MHz

Documentation Provided: None

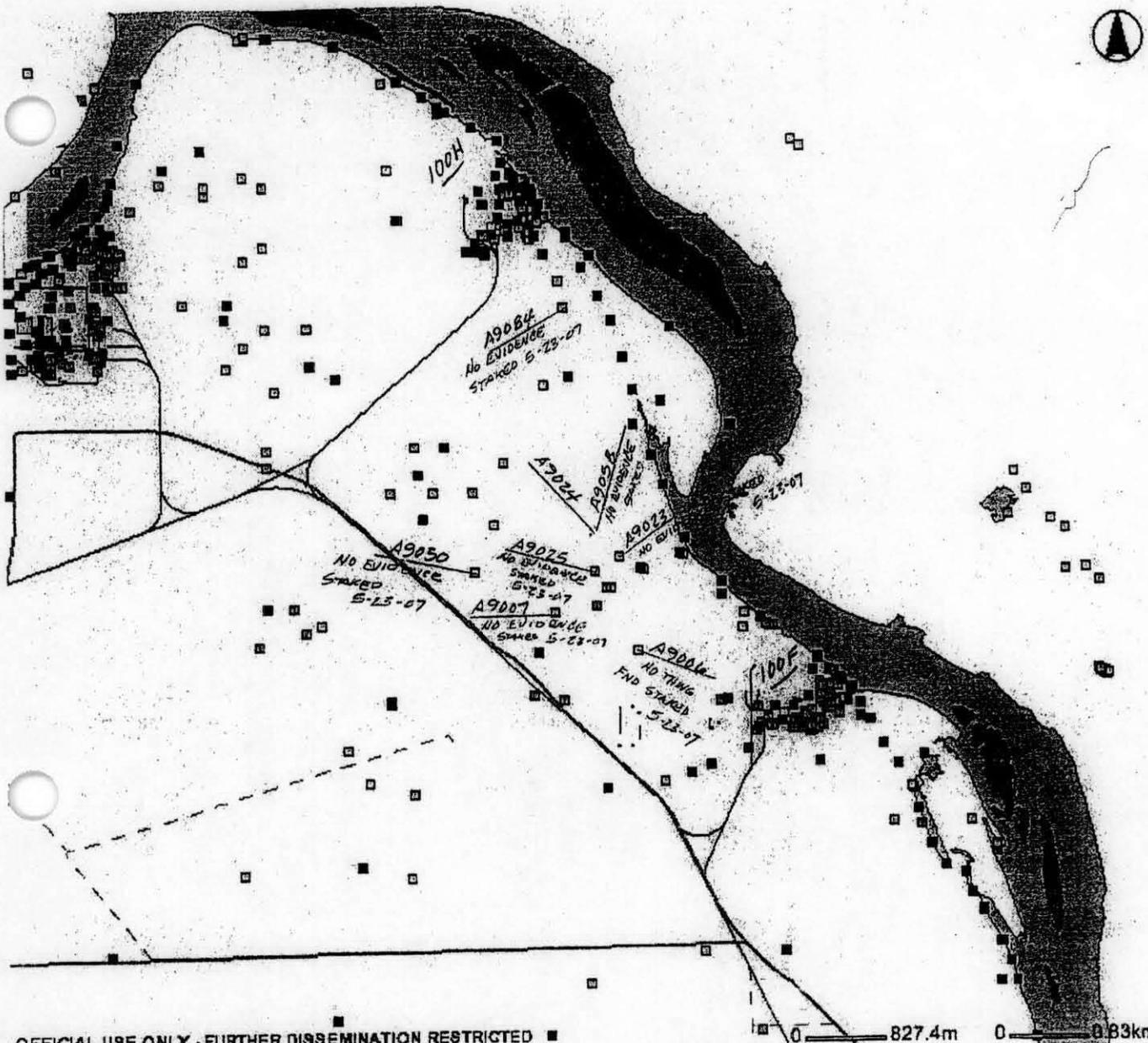
Limits of Investigation: 20' x 20' area centered on staked position of well.

EQUIPMENT LIMITATIONS:

- Objects made of concrete, clay pipe, PVC pipe, and fiberglass pipe are generally not detectable.
- The transducers have a horizontal scanning limit to existing structures: the 1000 MHz is within 6 in. of an existing structure; the 500 MHz is within 1 ft. of an existing structure; the 400 MHz is within 1 ft. of an existing structure; and the 300 MHz is within 3 ft. of an existing structure.

Discussion of Findings: Client is advised that subsurface location scanning is not 100% accurate. Client is hereby notified that equipment limitations, soil /concrete conditions, utility congestion and other factors beyond Contractor control may cause subsurface objects to be missed or incorrectly located. Client assumes such risk. It is critical that Client delegate responsibility to its employees, staff and management for application of safety controls during excavation, cutting or drilling activities to prevent physical injury or property damage. Contractor shall not be liable for any injuries or damages arising from or caused by subsurface objects.

Note: No evidence of well casing detected in scan area.



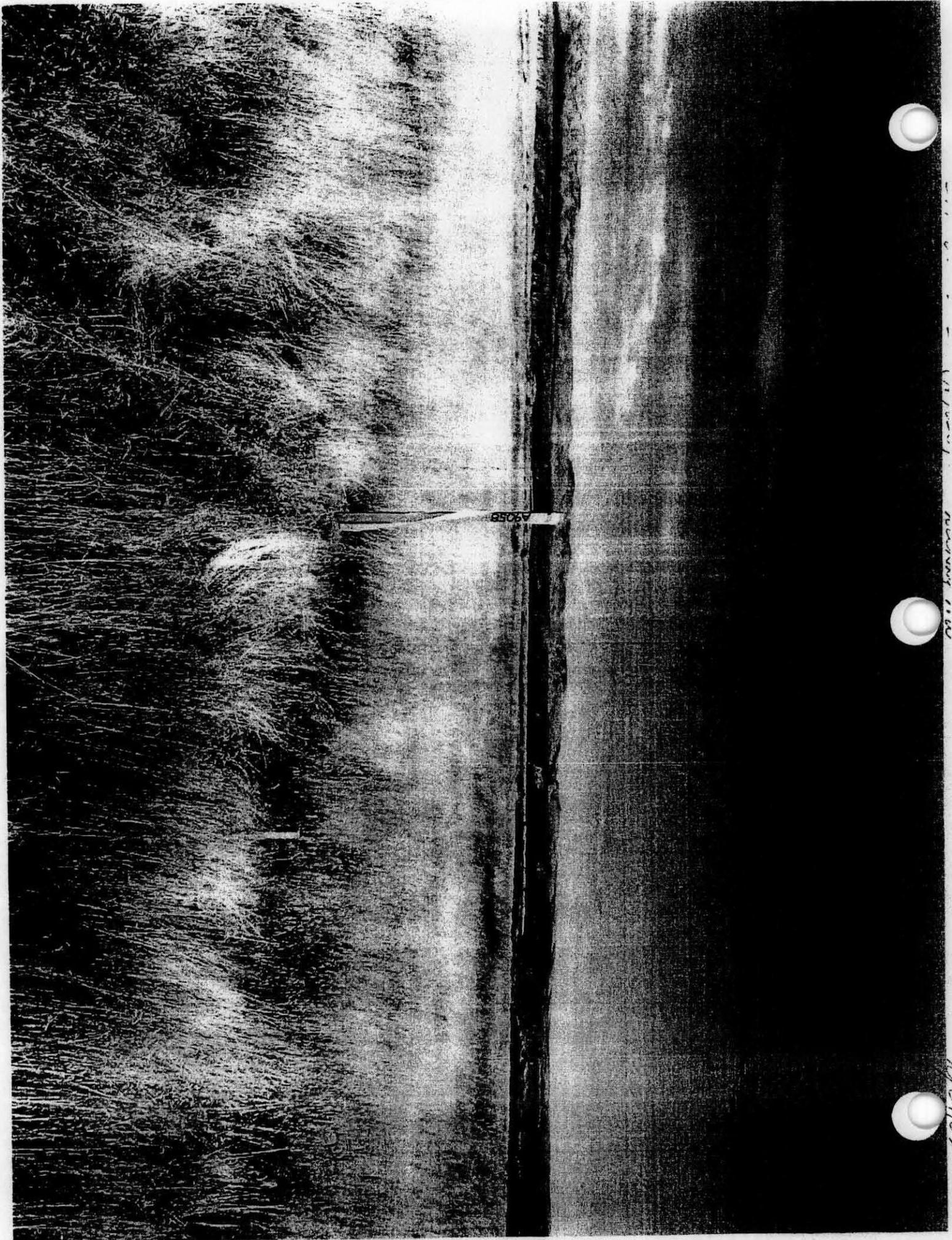
OFFICIAL USE ONLY - FURTHER DISSEMINATION RESTRICTED ■

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86-37

699-86-37

A9058





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699-90-49
A9077

WELL ATTRIBUTES REPORT

WELL ID	A9077	NORTHING	151137	FIELD ORDER NO	
WELL NAME	699-90-49	EASTING	575074	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	129.383	CONST DATE	
GW OPERABLE UNIT	100-HR-3-D	DRILL DATE		CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
SURFACE EROSION	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> ND <input type="checkbox"/> MINOR <input type="checkbox"/> NONE	SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> NONE
LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input checked="" type="checkbox"/> ND <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED
ACTIVITY PERFORMED BY		ACTIVITY PERFORMED BY	
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED	__/__/__
PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TYPE		PUMP TYPE	
PUMP MAKE		PUMP MAKE	
PUMP MODEL		PUMP MODEL	
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)	
LAST TUBING INFORMATION		CURRENT TUBING INFORMATION	
TUBING SIZE (in)		TUBING SIZE (in)	
TUBING MATERIAL		TUBING MATERIAL	
TUBING LENGTH (ft)		TUBING LENGTH (ft)	
TUBING CONNECTION		TUBING CONNECTION	
LAST MEASUREMENT INFORMATION		CURRENT MEASUREMENT INFORMATION	
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)	
DEPTH TO WATER DATE		DEPTH TO WATER DATE	__/__/__
DEPTH TO BOTTOM(ft)	54	DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE	__/__/__
STICK UP(ft)		STICK UP(ft)	
REFERENCE MARK(ft)		REFERENCE MARK(ft)	
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO

WELL ATTRIBUTES REPORT

WELL ID	A9077	NORTHING	151137	FIELD ORDER NO	
WELL NAME	699-90-49	EASTING	575074	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	129.383	CONST DATE	
GW OPERABLE UNIT	100-HR-3-D	DRILL DATE		CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

WELL ATTRIBUTE COMMENTS

CASING INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED

CHANGES

SCREEN INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	SLOT SIZE/UNITS	REMOVED

CHANGES

PERFORATION INFORMATION

CASING SIZE/UNITS	TOP/BOT/UNITS	CUTS/FT/ROUND	REMOVED

CHANGES

WELL NAME	WELL TYPE	COORDINATES		CASING ELEV	DRILL DEPTH	PERF/SCREEN			COMMENTS		
		L 83	PLANT			WELL DIAM	COMPL DEPTH	-----		-----	-----
PUMP TYPE		NS/EW	NS/EW	DATE COMPL	DEPTH WATER	TYPE	DIAM	TOP	BOT	PREVIOUS WELL NAMES	
699-90-37A	GW			414.00	32.0						
				24.0						REF.2 NO.103, 699-90-37	
699-90-37B	GW		90373.00	422.93	50.0					12" CORR. LINER	
			-37341.00	12.0	53.0					14/27-19H2, 699-91-37	
					50.0						
699-90-38	GW			418.40	41.0					12" CORR. LINER	
				12.0	43.0					14/27-19H1, REF.2	
					41.0						
699-90-45	GW	151024.76	90358.40	421.60	42.0	P	6.0	37.0	42.0	#20 SCREEN 37-42 FT.	
	S	576169.58	-44906.00	6.0	43.0					699-90-44	
					38.0						
699-90-47	AB			424.87	47.0					FILLED IN	
				48.0						T14NR26E24E1	
699-90-49	AB			421.00	45.0					FILLED IN	
				60.0	54.0					T14NR26E23H1	
699-91-43	GW										
				Hanford Wells							
				PNL-8800 UC-903							199-91-43
				M. A. Chamness & J. K. Merz							FILLED IN
				August 1993							T14NR26E24C1
				Prepared for U. S. Dept of Energy under							
				Contract DE-AC06-76RLO 1830							
				Pacific NW Lab by Battelle Memorial Institute							100-HR-3 OP. UNIT
699-91-46	GW	1511						23.0	43.8		
		5759									
699-91-48A	AB		91474.00	424.30	38.0					FILLED IN	
			-47878.00	60.0	35.0					699-92-48A	
699-91-48B	AB			431.77	42.0					FILLED IN	
				60.0						699-92-48B	
699-92-14	OS		92000.00	862.01	1396.0	P	12.0	945.0	1392.0	ARMY CAMP WELL	
			-14000.00	12.0	1394.0					14/27-24C1, PSN	
				11/53	385.0						

HWIS Interface - Well History Information - Current Status

LL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A9077	699-90-49	DECOMMISSIONED-V	10/15/2007	Admin decomm FY 2008 Admin Decomm PKG 1 Field Inspection 2006 no well located

HWIS Interface - Well History Information - Drilling

.L_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE
A9077	699-90-49	01/01/1801					

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A9077	699-90-49	BHI	NAD83(91)	01/01/1801	ESTIMATED	151137	575074	m	P

SEE SCAN & DATA REPORT - WELL
 PELOMM. & SEE PHOTOS 8/10/07

WELL ATTRIBUTES REPORT

WELL ID	A9077		LAST INSPECTION	1/1/1801
WELL NAME	699-90-49	CONST DATE	NORTHING	151137
HOST WELL ID		CONST DEPTH	EASTING	575074
			ELEVATION	129.383

LAST INSPECTION INFORMATION				CURRENT INSPECTION INFORMATION			
WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> MINOR <input checked="" type="checkbox"/> ND*	SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> MINOR

LAST PUMP INFORMATION				CURRENT PUMP INFORMATION			
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input checked="" type="checkbox"/> ND*	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input type="checkbox"/> REMOVED
PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
ACTIVITY PERFORMED BY	ND*			ACTIVITY PERFORMED BY			
DATE ACTIVITY PERFORMED				DATE ACTIVITY PERFORMED			
PUMP TYPE	ND*			PUMP TYPE			
PUMP MAKE	ND*			PUMP MAKE			
PUMP MODEL	ND*			PUMP MODEL			
PUMP INTAKE DEPTH (ft)				PUMP INTAKE DEPTH (ft)			
TUBING SIZE (in)				TUBING SIZE (in)			
TUBING MATERIAL	ND*			TUBING MATERIAL			
TUBING LENGTH (ft)				TUBING LENGTH (ft)			
TUBING CONNECTION	ND*			TUBING CONNECTION			

ND* - Not Documented

7/28/2006

WELL ATTRIBUTES REPORT

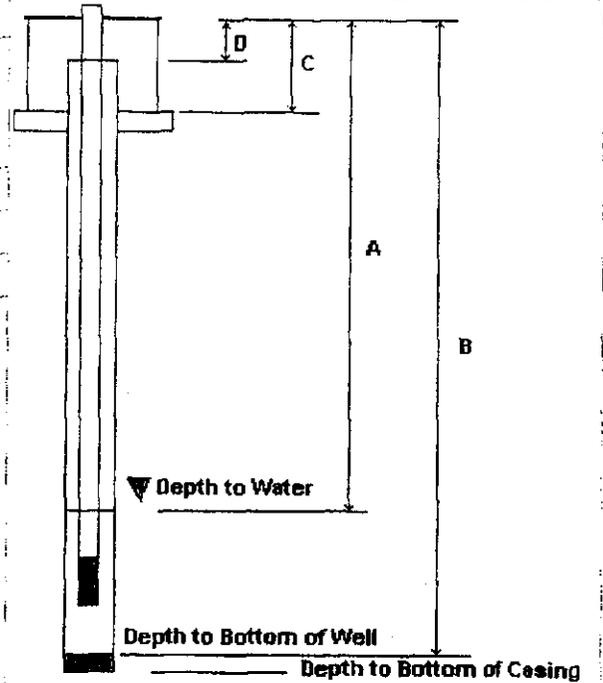
ELD ORDER NO _____
 WELL ID A9077
 WELL NAME 699-90-49
 HOST WELL ID _____

CONST DATE _____
 CONST DEPTH _____

LAST INSPECTION 1/1/1801
 NORTHING 151137
 EASTING 575074
 ELEVATION 129.383

MEASUREMENT INFORMATION

	LAST	CURRENT
A DEPTH TO WATER (ft)		
DEPTH TO WATER DATE		
B DEPTH TO BOTTOM (ft)	<u>154</u>	
DEPTH TO BOTTOM DATE		
C STICK UP (ft)		
D REFERENCE MARK (ft)		
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	<input type="checkbox"/> YES <input type="checkbox"/> NO



A DEPTH TO WATER FROM TOP OF CASING
 B DEPTH TO BOTTOM OF WELL FROM TOP OF CASING
 C TOP OF CASING TO GROUND SURFACE/PAD
 D TOP OF CASING TO SURVEY REFERENCE MARKER

PERFORATION INFORMATION

CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND

CHANGES

CASING INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS

CHANGES

SCREEN INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE

CHANGES

SURVEY DATA REPORT

Request No.
074-507

Project No. A	Title: Well Decommissioning: A9077 / 699-90-49	File No. 6AT14R26
Job No. 65400811.1225400 CA10	Prepared By Tim Johnson	Date 9/24/2007
Reviewer <i>[Signature]</i>		Page 1 of 1

DESCRIPTION OF WORK	DISTRIBUTION	SDR	PLOT	DWG
Stake or locate Well A9077 in support of well decommissioning at coordinates given. If found, obtain information for WAR Report. Obtain ground elevation and take photo of staked location or well. Horizontal Datum: WCS83S/91 (Meters) Vertical Datum: NAVD88 (Meters) Equipment Used: Trimble GPS 5800 RTK	Survey File	OR		
	S.H. Worley	I		
	B.J. Howard	I		
	E.C. Rafuse	I		
	G.G. Kely	I		
	W.D. Webber	I		

SURVEY RESULTS AND COMMENTS

<u>Name</u>	<u>Northing</u>	<u>Easting</u>	<u>Ground Elevation</u>	<u>Description</u>
A9077	151137	575074	130.38	Set hub and lath at coordinates given.
A9077	151134.98	575073.28	130.33	Observed old stake labeled A9077.

NOTE: An old stake labeled A9077 was observed at coordinates shown above. See photo. No evidence of a well was found.

NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.

SCAN DATA REPORT

Request No.:
074-509

Project No.:
A

Title:
Well Decommissioning: A9077 (Ground Scan) / 699-90-49

File No.:
600C-001

Job No.:
65400811.1225400 CA10

Prepared by:
Tim Johnson

Date:
9/25/07

Reviewer:
[Signature]

Page
1 of 1

DESCRIPTION OF WORK: Perform ground scan (20' x20' Area) around staked location of Well A9077 in attempt to locate possible buried casings.

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
S.H. Worley	1		
B.J. Howard	1		
E.C. Rafuse	1		
G.G. Kely	1		
W.D. Webber	1		

DATE OF FIELD INVESTIGATION: 9/20/2007

Weather: Temp 70°F Wind 5 MPH
 Cloudy Clear P. Cloudy Fog

Soil Conditions: Rocky Sandy Wet Dry

Depth of Investigation 8 feet

Equipment Used:

- 50/60 Hz detector (for energized lines)
- Radio Frequency Electromagnetics (RF)
- Ground Penetrating Radar (GPR)
- Other (identify) Magnetic Locator (Schonstedt)

Required Functional Checks
Current/Completed

-
-
-
-

GPR Antenna(s) Used: 1000 MHz 500 MHz 400 MHz 300 MHz

Documentation Provided: None

Limits of Investigation: 20' x 20' area centered on staked position of well.

EQUIPMENT LIMITATIONS:

- Objects made of concrete, clay pipe, PVC pipe, and fiberglass pipe are generally not detectable.
- The transducers have a horizontal scanning limit to existing structures: the 1000 MHz is within 6 in. of an existing structure; the 500 MHz is within 1 ft. of an existing structure; the 400 MHz is within 1 ft. of an existing structure; and the 300 MHz is within 3 ft. of an existing structure.

Discussion of Findings: Client is advised that subsurface location scanning is not 100% accurate. Client is hereby notified that equipment limitations, soil /concrete conditions, utility congestion and other factors beyond Contractor control may cause subsurface objects to be missed or incorrectly located. Client assumes such risk. It is critical that Client delegate responsibility to its employees, staff and management for application of safety controls during excavation, cutting or drilling activities to prevent physical injury or property damage. Contractor shall not be liable for any injuries or damages arising from or caused by subsurface objects.

Result: No evidence of well casing detected in scan area.

699-90-49

A9077



69 2-101

was shown

11 11

11

699-91-45
A9079

WELL ATTRIBUTES REPORT

WELL ID	A9079	NORTHING	151539	FIELD ORDER NO	
WELL NAME	699-91-45	EASTING	575879	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	129.081	CONST DATE	
GW OPERABLE UNIT	100-HR-3-H	DRILL DATE		CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

LAST INSPECTION INFORMATION			CURRENT INSPECTION INFORMATION		
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO	
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO	
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO	
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO	
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO	
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO	
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO	
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO	
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO	
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO	
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO	
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO	
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO	
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO	
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO	
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO	
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO	
SURFACE EROSION	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> ND <input type="checkbox"/> MINOR <input type="checkbox"/> NONE		SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> NONE	
LAST PUMP INFORMATION			CURRENT PUMP INFORMATION		
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input checked="" type="checkbox"/> ND <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED		PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED	
ACTIVITY PERFORMED BY			ACTIVITY PERFORMED BY		
DATE ACTIVITY PERFORMED			DATE ACTIVITY PERFORMED		
PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO	
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO	
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO	
PUMP TYPE			PUMP TYPE		
PUMP MAKE			PUMP MAKE		
PUMP MODEL			PUMP MODEL		
PUMP INTAKE DEPTH (ft)			PUMP INTAKE DEPTH (ft)		
LAST TUBING INFORMATION			CURRENT TUBING INFORMATION		
TUBING SIZE (in)			TUBING SIZE (in)		
TUBING MATERIAL			TUBING MATERIAL		
TUBING LENGTH (ft)			TUBING LENGTH (ft)		
TUBING CONNECTION			TUBING CONNECTION		
LAST MEASUREMENT INFORMATION			CURRENT MEASUREMENT INFORMATION		
DEPTH TO WATER(ft)			DEPTH TO WATER(ft)		
DEPTH TO WATER DATE			DEPTH TO WATER DATE		
DEPTH TO BOTTOM(ft)	45		DEPTH TO BOTTOM(ft)		
DEPTH TO BOTTOM DATE			DEPTH TO BOTTOM DATE		
STICK UP(ft)			STICK UP(ft)		
REFERENCE MARK(ft)			REFERENCE MARK(ft)		
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND		REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO	

WELL ATTRIBUTES REPORT

WELL ID	A9079	NORTHING	151539	FIELD ORDER NO	
WELL NAME	699-91-45	EASTING	575879	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	129.081	CONST DATE	
GW OPERABLE UNIT	100-HR-3-H	DRILL DATE		CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

WELL ATTRIBUTE COMMENTS

CASING INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED

CHANGES

SCREEN INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	SLOT SIZE/UNITS	REMOVED

CHANGES

PERFORATION INFORMATION

CASING SIZE/UNITS	TOP/BOT/UNITS	CUTS/FT/ROUND	REMOVED

CHANGES

WELL NAME WELL TYPE PUMP TYPE	COORDINATES		CASING ELEV WELL DIAM DATE COMPL	DRILL DEPTH COMPL DEPTH DEPTH WATER	PERF/SCREEN			COMMENTS PREVIOUS WELL NAMES
	L 83 NS/EW	PLANT NS/EW			TYPE	DIAM	TOP	
699-90-37A GW			414.00 24.0	32.0				
699-90-37B GW		90373.00 -37341.00	422.93 12.0	50.0 53.0 50.0				REF.2 NO.103, 699-90-37 12" CORR. LINER 14/27-19H2, 699-91-37
699-90-38 GW			418.40 12.0	41.0 43.0 41.0				12" CORR. LINER 14/27-19H1, REF.2
699-90-45 GW S	151024.76 576169.58	90358.40 -44906.00	421.60 6.0	42.0 43.0 38.0	P	6.0	37.0	42.0 #20 SCREEN 37-42 FT. 699-90-44
699-90-47 AB			424.87 48.0	47.0				FILLED IN T14NR26E24E1
699-90-49 AB			421.00 60.0	45.0 54.0				FILLED IN T14NR26E23H1
699-91-43 GW								199-91-43
699-91-45 AB			420.00 72.0	45.0 45.0				FILLED IN T14NR26E24C1
699-91-46 GW	15115 57591						23.0	43.8 100-HR-3 OP. UNIT
699-91-48A AB								FILLED IN
699-91-48B AB								699-92-48A FILLED IN
699-92-14 OS		92000.00 -14000.00	862.01 12.0 11/53	1396.0 1394.0 385.0	P	12.0	945.0	1392.0 ARMY CAMP WELL 14/27-24C1, PSN

Hanford Wells
PNL-8800 UC-903
M. A. Chamness & J. K. Merz
August 1993
Prepared for U. S. Dept of Energy under
Contract DE-AC06-76RLO 1830
Pacific NW Lab by Battelle Memorial Institute

HWIS Interface - Well History Information - Current Status

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A9079	699-91-45	DECOMMISSIONED- V	10/15/2007	Admin decommission FY 2008 Admin Decommission PKG 1 Field Inspection 2006 no well located

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE
69079	699-91-45	01/01/1801					

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A9079	699-91-45	BHI	NAD83(91)	01/01/1801	ESTIMATED	151539	575879	m	P

SEE SURVEY, SCAN & PHOTO
WELL DELONIA. 10/20/07
ELW

WELL ATTRIBUTES REPORT

WELL ORDER NO
WELL ID A9079
WELL NAME 699-91-45
HOST WELL ID

CONST DATE
CONST DEPTH

LAST INSPECTION 1/1/1801
NORTHING 151539
EASTING 575879
ELEVATION 129.081

LAST INSPECTION INFORMATION				CURRENT INSPECTION INFORMATION			
WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> ND*	SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	
	<input type="checkbox"/> MINOR	<input checked="" type="checkbox"/> ND*			<input type="checkbox"/> MINOR		
LAST PUMP INFORMATION				CURRENT PUMP INFORMATION			
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input checked="" type="checkbox"/> ND*	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input type="checkbox"/> REMOVED
	<input type="checkbox"/> REMOVED				<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
ACTIVITY PERFORMED BY	ND*			ACTIVITY PERFORMED BY			
DATE ACTIVITY PERFORMED				DATE ACTIVITY PERFORMED			
PUMP TYPE	ND*			PUMP TYPE			
PUMP MAKE	ND*			PUMP MAKE			
PUMP MODEL	ND*			PUMP MODEL			
PUMP INTAKE DEPTH (ft)				PUMP INTAKE DEPTH (ft)			
TUBING SIZE (in)				TUBING SIZE (in)			
TUBING MATERIAL	ND*			TUBING MATERIAL			
TUBING LENGTH (ft)				TUBING LENGTH (ft)			
TUBING CONNECTION	ND*			TUBING CONNECTION			

ND* - Not Documented

7/28/2006

SEE S&W SURVEY, SCAN # PHOTO
WELL DECOMM. 10/1/07
ECC

WELL ATTRIBUTES REPORT

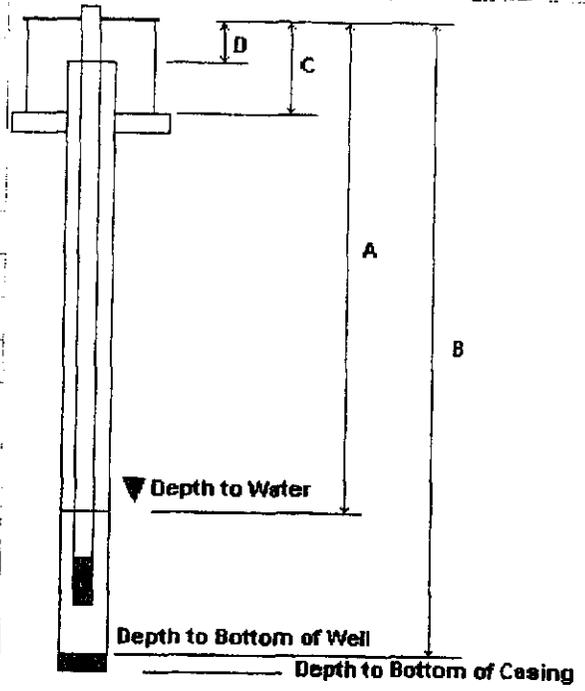
FIELD ORDER NO
WELL ID **A9079**
WELL NAME **699-91-45**
HOST WELL ID

CONST DATE
CONST DEPTH

LAST INSPECTION 1/1/1801
NORTHING 151539
EASTING 575879
ELEVATION 129.081

MEASUREMENT INFORMATION

	LAST	CURRENT
A DEPTH TO WATER(ft)		
DEPTH TO WATER DATE		
B DEPTH TO BOTTOM(ft)	45	
DEPTH TO BOTTOM DATE		
C STICK UP(ft)		
D REFERENCE MARK(ft)		
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	<input type="checkbox"/> YES <input type="checkbox"/> NO



PERFORATION INFORMATION

CASING SIZE: TOP BOTTOM (CUTS/FT/ROUND)

CHANGES

- A DEPTH TO WATER FROM TOP OF CASING
- B DEPTH TO BOTTOM OF WELL FROM TOP OF CASING
- C TOP OF CASING TO GROUND SURFACE/PAD
- D TOP OF CASING TO SURVEY REFERENCE MARKER

CASING INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS

CHANGES

SCREEN INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE

CHANGES

SURVEY DATA REPORT

Request No.
074-507

Project No.

Title:

Well Decommissioning: A9079 / 699-91-45

File No.
6A114R26

Job No.

65400811.1225400
CA10

Prepared By
Tim Johnson

Date
9/24/2007

Reviewer
[Signature]

Page
1 of 1

DESCRIPTION OF WORK

Stake or locate Well A9079 in support of well decommissioning at coordinates given. If found, obtain information for WAR Report. Obtain ground elevation and take photo of staked location or well.

Horizontal Datum: WCS83S/91 (Meters)
Vertical Datum: NAVD88 (Meters)
Equipment Used: Trimble GPS 5800 RTK

DISTRIBUTION	SDR	PLOT	DWG
Survey File	OR		
S.H. Worley	1		
B.J. Howard	1		
E.C. Rafuse	1		
G.G. Kelty	1		
W.D. Webber	1		

SURVEY RESULTS AND COMMENTS

<u>Name</u>	<u>Northing</u>	<u>Easting</u>	<u>Ground Elevation</u>	<u>Description</u>
A9079	151539	575879	128.90	Set hub and lath at coordinates given.
A9079	151539.06	575880.85	128.88	Observed old stake labeled A9079.

NOTE: An old stake labeled A9079 was observed at coordinates shown above. See photo. No evidence of a well was found.

NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.

SCAN DATA REPORT

Request No.:

074-509

Project No.:

'A

Title:

Well Decommissioning: A9079 (Ground Scan) / 699-91-45

File No.:

600C-001

Job No.:

65400811.1225400 CA10

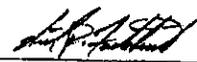
Prepared by:

Tim Johnson

Date:

9/25/07

Reviewer:



Page

1 of 1

DESCRIPTION OF WORK: Perform ground scan (20' x 20' Area) around staked location of Well A9079 in attempt to locate possible buried casings.

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
S.H. Worley	1		
B.J. Howard	1		
E.C. Rafuse	1		
G.G. Kelty	1		
W.D. Webber	1		

DATE OF FIELD INVESTIGATION: 9/20/2007

Weather: Temp 70°F Wind 5 MPH
 Cloudy Clear P. Cloudy Fog

Soil Conditions: Rocky Sandy Wet Dry

Depth of Investigation 8 feet

Equipment Used:

- 50/60 Hz detector (for energized lines)
 Radio Frequency Electromagnetics (RF)
 Ground Penetrating Radar (GPR)
 Other (identify) Magnetic Locator (Schonstedt)

Required Functional Checks
 Current/Completed

-

GPR Antenna(s) Used: 1000 MHz 500 MHz 400 MHz 300 MHz

Documentation Provided: None

Limits of Investigation: 20' x 20' area centered on staked position of well.

EQUIPMENT LIMITATIONS:

- Objects made of concrete, clay pipe, PVC pipe, and fiberglass pipe are generally not detectable.
- The transducers have a horizontal scanning limit to existing structures: the 1000 MHz is within 6 in. of an existing structure; the 500 MHz is within 1 ft. of an existing structure; the 400 MHz is within 1 ft. of an existing structure; and the 300 MHz is within 3 ft. of an existing structure.

Discussion of Findings: Client is advised that subsurface location scanning is not 100% accurate. Client is hereby notified that equipment limitations, soil /concrete conditions, utility congestion and other factors beyond Contractor control may cause subsurface objects to be missed or incorrectly located. Client assumes such risk. It is critical that Client delegate responsibility to its employees, staff and management for application of safety controls during excavation, cutting or drilling activities to prevent physical injury or property damage. Contractor shall not be liable for any injuries or damages arising from or caused by subsurface objects.

Note: No evidence of well casing detected in scan area.

on the way to the room. seeing with

9/1/67

699-91-45

A9079



699-92-47
A9083

WELL ATTRIBUTES REPORT

WELL ID	A9083	NORTHING	151545	FIELD ORDER NO	
WELL NAME	699-92-47	EASTING	575474	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	129.08	CONST DATE	
GW OPERABLE UNIT	100-HR-3-H	DRILL DATE		CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
SURFACE EROSION	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> ND <input type="checkbox"/> MINOR <input type="checkbox"/> NONE	SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> NONE
LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input checked="" type="checkbox"/> ND <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED
ACTIVITY PERFORMED BY		ACTIVITY PERFORMED BY	
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED	
PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TYPE		PUMP TYPE	
PUMP MAKE		PUMP MAKE	
PUMP MODEL		PUMP MODEL	
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)	
LAST TUBING INFORMATION		CURRENT TUBING INFORMATION	
TUBING SIZE (in)		TUBING SIZE (in)	
TUBING MATERIAL		TUBING MATERIAL	
TUBING LENGTH (ft)		TUBING LENGTH (ft)	
TUBING CONNECTION		TUBING CONNECTION	
LAST MEASUREMENT INFORMATION		CURRENT MEASUREMENT INFORMATION	
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)	
DEPTH TO WATER DATE		DEPTH TO WATER DATE	
DEPTH TO BOTTOM(ft)		DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE	
STICK UP(ft)		STICK UP(ft)	
REFERENCE MARK(ft)		REFERENCE MARK(ft)	
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO

WELL ATTRIBUTES REPORT

WELL ID	A9083	NORTHING	151545	FIELD ORDER NO	
WELL NAME	699-92-47	EASTING	575474	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	129.08	CONST DATE	
GW OPERABLE UNIT	100-HR-3-H	DRILL DATE		CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

WELL ATTRIBUTE COMMENTS

CASING INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED

CHANGES

SCREEN INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	SLOT SIZE/UNITS	REMOVED

CHANGES

PERFORATION INFORMATION

CASING SIZE/UNITS	TOP/BOT/UNITS	CUTS/FT/ROUND	REMOVED

CHANGES

WELL NAME WELL TYPE PUMP TYPE	COORDINATES		CASING ELEV WELL DIAM DATE COMPL	DRILL DEPTH COMPL DEPTH DEPTH WATER	PERF/SCREEN			COMMENTS PREVIOUS WELL NAMES	
	L 83 NS/EW	PLANT NS/EW			TYPE	DIAM	TOP		BOT
699-92-47 AB			420.00 56.0	49.0				FILLED IN T14NR26E24D1	
699-92-49 GW B	1 5							14/25-23A1	
699-93-37 AB								FILLED IN 14/27-19A1, N.RUN	
699-93-46 GW									
699-93-48 GW	151795.52 575094.32	92905.60 -48426.60	437.79 4.0 4/92	83.0 62.3 52.9	S	4.0	41.2	62.3	100-HR-3 OP. UNIT
699-93-49 AB			405.22 60.0	58.0					FILLED IN T14NR26E14Q1
699-93-49B GW									
699-93-50 AB		92871.00 -49884.00	446.00 60.0						FILLED IN
699-93-93 OS			637.01 20.0 4/53	520.0 515.5 235.0	P	20.0	262.0	516.0	ARMY CAMP WELL 14/24-21B1, PSN
699-94-47 AB			420.00 48.0						FILLED IN 14/26-13M1
699-94-48 AB			424.30 60.0	39.0					FILLED IN 14/26-13M1, N.RUN
699-96-43 GW	152605.54 576761.65	95550.40 -42949.90	421.84 4.0 4/92	40.2 48.5 38.4	S	4.0	32.4	48.5	100-HR-3 OP. UNIT 699-91-43

Hanford Wells
PNL-8800 UC-903
M. A. Chamness & J. K. Merz
August 1993
Prepared for U. S. Dept of Energy under
Contract DE-AC06-76RLO 1830
Pacific NW Lab by Battelle Memorial Institute

SEE PLAN, SURVEY & PHOTO
 WELL DECOMM: 10/30/07
 SCW

WELL ATTRIBUTES REPORT

ELD ORDER NO		LAST INSPECTION	1/1/1801
WELL ID	A9083	NORTHING	151545
WELL NAME	699-92-47	EASTING	575474
HOST WELL ID		ELEVATION	129.08
	CONST DATE		
	CONST DEPTH		

LAST INSPECTION INFORMATION				CURRENT INSPECTION INFORMATION			
WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> ND*	SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	
	<input type="checkbox"/> MINOR				<input type="checkbox"/> MINOR		
LAST PUMP INFORMATION				CURRENT PUMP INFORMATION			
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED			PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED		
	<input type="checkbox"/> REPLACED		<input checked="" type="checkbox"/> ND*		<input type="checkbox"/> REPLACED		
	<input type="checkbox"/> REMOVED				<input type="checkbox"/> REMOVED		
PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
ACTIVITY PERFORMED BY	ND*			ACTIVITY PERFORMED BY			
DATE ACTIVITY PERFORMED				DATE ACTIVITY PERFORMED			
PUMP TYPE	ND*			PUMP TYPE			
PUMP MAKE	ND*			PUMP MAKE			
PUMP MODEL	ND*			PUMP MODEL			
PUMP INTAKE DEPTH (ft)				PUMP INTAKE DEPTH (ft)			
TUBING SIZE (in)				TUBING SIZE (in)			
TUBING MATERIAL	ND*			TUBING MATERIAL			
TUBING LENGTH (ft)				TUBING LENGTH (ft)			
TUBING CONNECTION	ND*			TUBING CONNECTION			

ND* - Not Documented

SEE SCAN, SURVEY & PHOTOS
 WELL DECOMM. 10/10/07
 ELL

WELL ATTRIBUTES REPORT

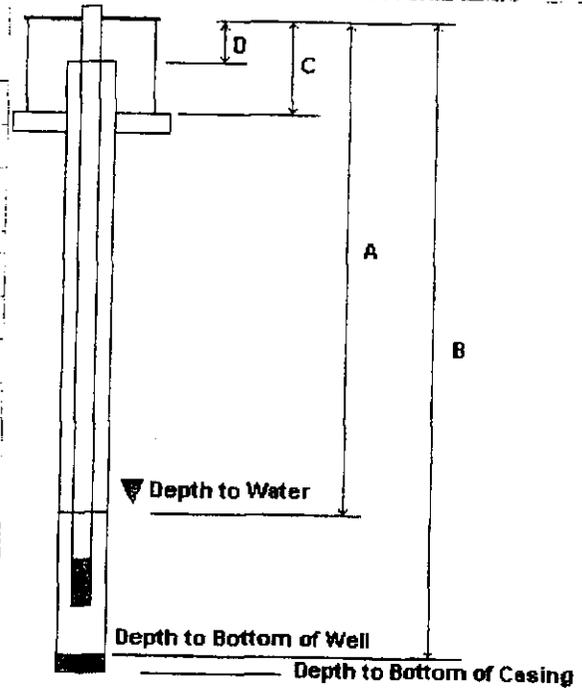
WELL ORDER NO
 WELL ID A9083
 WELL NAME 699-92-47
 HOST WELL ID _____

CONST DATE _____
 CONST DEPTH _____

LAST INSPECTION 1/1/1801
 NORTHING 151545
 EASTING 575474
 ELEVATION 129.08

MEASUREMENT INFORMATION

	LAST	CURRENT
A DEPTH TO WATER(ft)		
DEPTH TO WATER DATE		
B DEPTH TO BOTTOM(ft)		
DEPTH TO BOTTOM DATE		
C STICK UP(ft)		
D REFERENCE MARK(ft)		
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	<input type="checkbox"/> YES <input type="checkbox"/> NO



- A DEPTH TO WATER FROM TOP OF CASING
- B DEPTH TO BOTTOM OF WELL FROM TOP OF CASING
- C TOP OF CASING TO GROUND SURFACE/PAD
- D TOP OF CASING TO SURVEY REFERENCE MARKER

PERFORATION INFORMATION

CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND

CHANGES _____

CASING INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS

CHANGES _____

SCREEN INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE

CHANGES _____

HWIS Interface - Well History Information - Drilling

ELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE
A9083	699-92-47	01/01/1801					

HWIS Interface - Well History Information - Current Status

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A9083	699-92-47	DECOMMISSIONED- V	10/15/2007	Admin decomm FY 2008 Admin Decomm PKG 1 Field Inspection 2006 no well located

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A9083	699-92-47	BHI	NAD83(91)	01/01/1801	ESTIMATED	151545	575474	m	P

SURVEY DATA REPORT

Request No.
074-507

Project No.

Title:
Well Decommissioning: A9083 / 699-92-46

File No.
6AT14R26

Job No.
65400811.1225400
CA10

Prepared By
Tim Johnson

Date
9/24/2007

Reviewer
[Signature]

Page
1 of 1

DESCRIPTION OF WORK

DISTRIBUTION	SDR	PLOT	DWG
Survey File	OR		
S.H. Worley	1		
B.J. Howard	1		
E.C. Rafuse	1		
G.G. Kelty	1		
W.D. Webber	1		

Stake or locate Well A9083 in support of well decommissioning at coordinates given. If found, obtain information for WAR Report. Obtain ground elevation and take photo of staked location or well.

Horizontal Datum: WCS83S/91 (Meters)
Vertical Datum: NAVD88 (Meters)
Equipment Used: Trimble GPS 5800 RTK

SURVEY RESULTS AND COMMENTS

<u>Name</u>	<u>Northing</u>	<u>Easting</u>	<u>Ground Elevation</u>	<u>Description</u>
A9083	151545	575474	130.78	No evidence of well found at coordinates given. Set hub & lath.

NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.

SCAN DATA REPORT

Request No.:
074-509

Project No.:
7A

Title:
Well Decommissioning: A9083 (Ground Scan) / 699-92-4⁷

File No.:
600C-001

Job No.:
65400811.1225400 CA10

Prepared by:
Tim Johnson

Date:
9/25/07

Reviewer:
[Signature]

Page
1 of 1

DESCRIPTION OF WORK: Perform ground scan (20' x20' Area) around staked location of Well A9083 in attempt to locate possible buried casings.

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
S.H. Worley	1		
B.J. Howard	1		
E.C. Rafuse	1		
G.G. Kelty	1		
W.D. Webber	1		

DATE OF FIELD INVESTIGATION: 9/20/2007

Weather: Temp 70°F Wind 5 MPH
 Cloudy Clear P. Cloudy Fog

Soil Conditions: Rocky Sandy Wet Dry

Depth of Investigation 8 feet

Equipment Used:

- 50/60 Hz detector (for energized lines)
- Radio Frequency Electromagnetics (RF)
- Ground Penetrating Radar (GPR)
- Other (identify) Magnetic Locator (Schonstedt)

Required Functional Checks

Current/Completed

-
-
-
-

GPR Antenna(s) Used: 1000 MHz 500 MHz 400 MHz 300 MHz

Documentation Provided: None

Limits of Investigation: 20' x 20' area centered on staked position of well.

EQUIPMENT LIMITATIONS:

- Objects made of concrete, clay pipe, PVC pipe, and fiberglass pipe are generally not detectable.
- The transducers have a horizontal scanning limit to existing structures: the 1000 MHz is within 6 in. of an existing structure; the 500 MHz is within 1 ft. of an existing structure; the 400 MHz is within 1 ft. of an existing structure; and the 300 MHz is within 3 ft. of an existing structure.

Discussion of Findings: Client is advised that subsurface location scanning is not 100% accurate. Client is hereby notified that equipment limitations, soil /concrete conditions, utility congestion and other factors beyond Contractor control may cause subsurface objects to be missed or incorrectly located. Client assumes such risk. It is critical that Client delegate responsibility to its employees, staff and management for application of safety controls during excavation, cutting or drilling activities to prevent physical injury or property damage. Contractor shall not be liable for any injuries or damages arising from or caused by subsurface objects.

te: No evidence of well casing detected in scan area.

699-92-47 (A 9083)

look South

699-92-47

699-92-47
A 9083

A 9083



699-93-37
A9084

WELL ATTRIBUTES REPORT

WELL ID	A9084	NORTHING	151728.77	FIELD ORDER NO	
WELL NAME	699-93-37	EASTING	578432.709	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	122.78	CONST DATE	
GW OPERABLE UNIT	100-HR-3-H	DRILL DATE		CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
SURFACE EROSION	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> ND <input type="checkbox"/> MINOR <input type="checkbox"/> NONE	SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> NONE
LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input checked="" type="checkbox"/> ND <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED
ACTIVITY PERFORMED BY		ACTIVITY PERFORMED BY	
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED	___/___/___
PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TYPE		PUMP TYPE	
PUMP MAKE		PUMP MAKE	
PUMP MODEL		PUMP MODEL	
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)	
LAST TUBING INFORMATION		CURRENT TUBING INFORMATION	
TUBING SIZE (in)		TUBING SIZE (in)	
TUBING MATERIAL		TUBING MATERIAL	
TUBING LENGTH (ft)		TUBING LENGTH (ft)	
TUBING CONNECTION		TUBING CONNECTION	
LAST MEASUREMENT INFORMATION		CURRENT MEASUREMENT INFORMATION	
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)	
DEPTH TO WATER DATE		DEPTH TO WATER DATE	___/___/___
DEPTH TO BOTTOM(ft)		DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE	___/___/___
STICK UP(ft)		STICK UP(ft)	
REFERENCE MARK(ft)		REFERENCE MARK(ft)	
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO

WELL ATTRIBUTES REPORT

WELL ID	A9084	NORTHING	151728.77	FIELD ORDER NO	
WELL NAME	699-93-37	EASTING	578432.709	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	122.78	CONST DATE	
GW OPERABLE UNIT	100-HR-3-H	DRILL DATE		CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

WELL ATTRIBUTE COMMENTS

CASING INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED

CHANGES

SCREEN INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	SLOT SIZE/UNITS	REMOVED

CHANGES

PERFORATION INFORMATION

CASING SIZE/UNITS	TOP/BOT/UNITS	CUTS/FT/ROUND	REMOVED

CHANGES

WELL NAME	WELL TYPE PUMP TYPE	COORDINATES		CASING ELEV WELL DIAM DATE COMPL	DRILL DEPTH COMPL DEPTH DEPTH WATER	PERF/SCREEN			COMMENTS PREVIOUS WELL NAMES	
		L 83 NS/EW	PLANT NS/EW			TYPE	DIAM	TOP		BOT
699-92-47	AB			420.00 56.0	49.0				FILLED IN T14NR26E24D1	
699-92-49	GW B	151647.69 575063.38	92411.10 -48530.40	431.94 12.0	41.0 55.0 49.0				14/25-23A1	
699-93-37	AB		92650.00 -37475.00	399.32 72.0	29.0 19.0				FILLED IN 14/27-19A1, N.RUN	
699-93-46	GW									
699-93-48	GW	15 57.					.0	41.2	62.3	100-HR-3 OP. UNIT
699-93-49	AB									FILLED IN T14NR26E14Q1
699-93-49B	GW									
699-93-50	AB		92871.00 -49884.00	446.00 60.0						FILLED IN
699-93-93	OS			637.01 20.0 4/53	520.0 515.5 235.0	P	20.0	262.0	516.0	ARMY CAMP WELL 14/24-21B1, PSN
699-94-47	AB			420.00 48.0						FILLED IN 14/26-13M1
699-94-48	AB			424.30 60.0	39.0					FILLED IN 14/26-13M1, N.RUN
699-96-43	GW	152605.54 576761.65	95550.40 -42949.90	421.84 4.0 4/92	40.2 48.5 38.4	S	4.0	32.4	48.5	100-HR-3 OP. UNIT 699-91-43

Hanford Wells
PNL-8800 UC-903
M. A. Chamness & J. K. Merz
August 1993
Prepared for U. S. Dept of Energy under
Contract DE-AC06-76RLO 1830
Pacific NW Lab by Battelle Memorial Institute

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE
A9084	699-93-37	01/01/1801					

HWIS Interface - Well History Information - Current Status

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A9084	699-93-37	DECOMMISSIONED- V	10/15/2007	Admin decommm FY 2008 Admin Decommm PKG 1 Field Inspection 2006 no well located

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIE
A9084	699-93-37	UNKNOWN	NAD83	01/01/1801	CONVERTED	151728.77	578432.709	m	

699-93-37

SCAN DATA REPORT

Request No.:
073-327

Project No.:
A

Title:
Well Decommissioning: A9084 (Ground Scan)

File No.:
600C-001

Job No.:
65400811.1225400 CA10

Prepared by:
Tim Johnson

Date:
9/26/07

Reviewer:
[Signature]

Page
1 of 1

DESCRIPTION OF WORK: Perform ground scan (20' x20' Area) around staked location of Well A9084 in attempt to locate possible buried casings.

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
S.H. Worley	1		
B.J. Howard	1		
E.C. Rafuse	1		
G.G. Kelty	1		
W.D. Webber	1		

DATE OF FIELD INVESTIGATION: 9/20/2007

Weather: Temp 70°F Wind 5 MPH
 Cloudy Clear P. Cloudy Fog

Soil Conditions: Rocky Sandy Wet Dry
Depth of Investigation 8 feet

Equipment Used:
 50/60 Hz detector (for energized lines)
 Radio Frequency Electromagnetics (RF)
 Ground Penetrating Radar (GPR)
 Other (identify) Magnetic Locator (Schonstedt)

Required Functional Checks
Current/Completed

GPR Antenna(s) Used: 1000 MHz 500 MHz 400 MHz 300 MHz

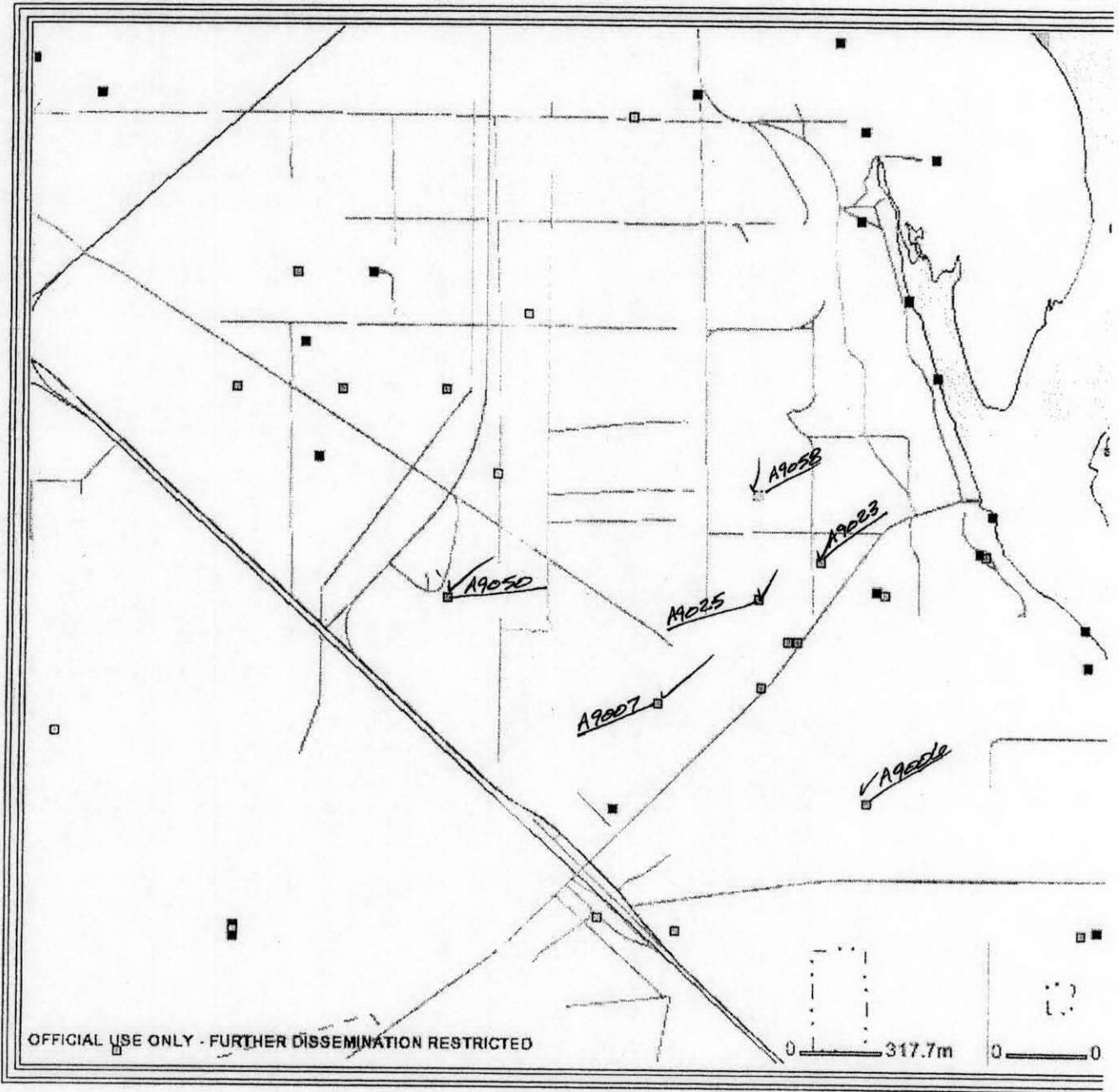
Documentation Provided: None

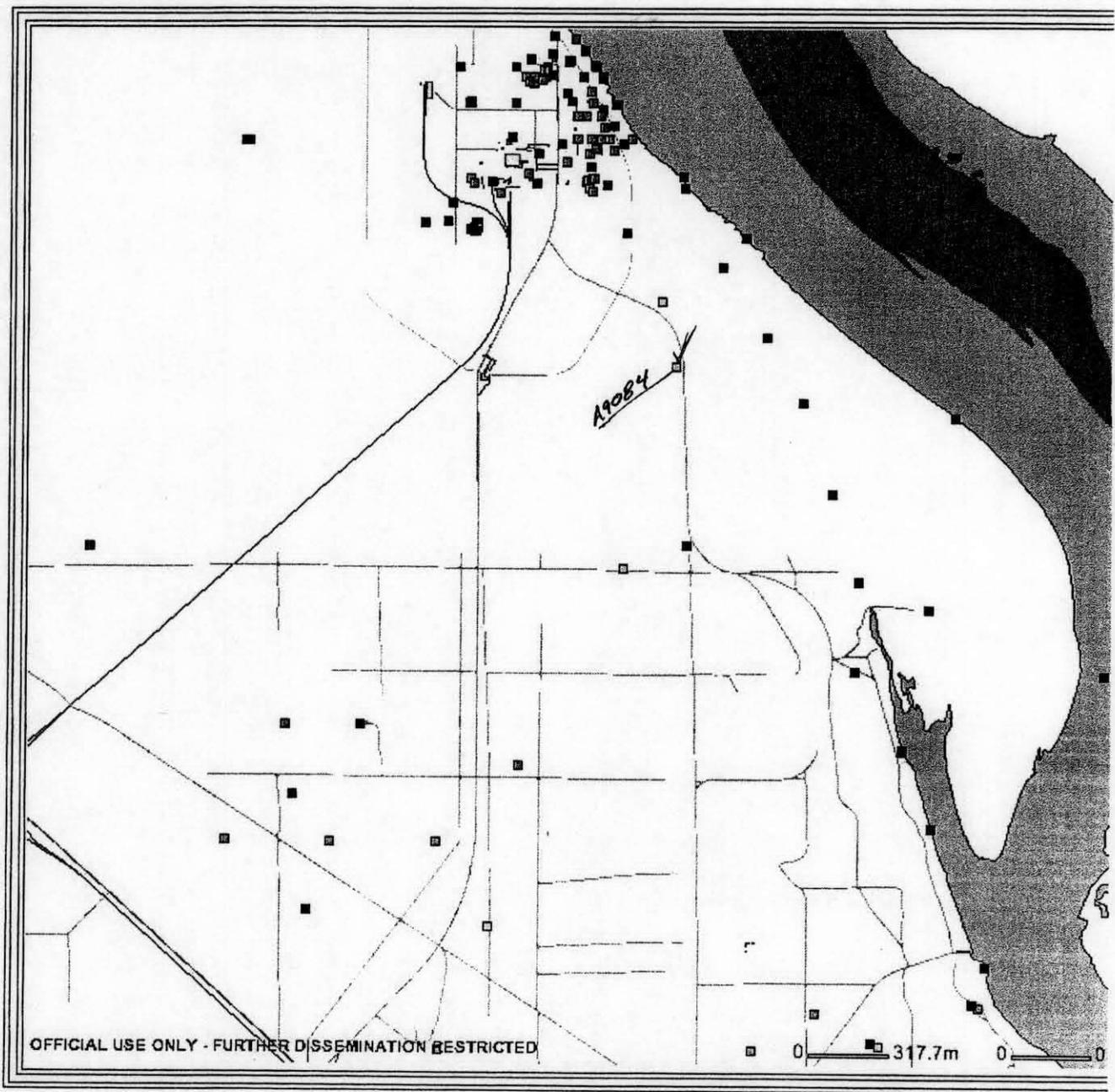
Limits of Investigation: 20' x 20' area centered on staked position of well.

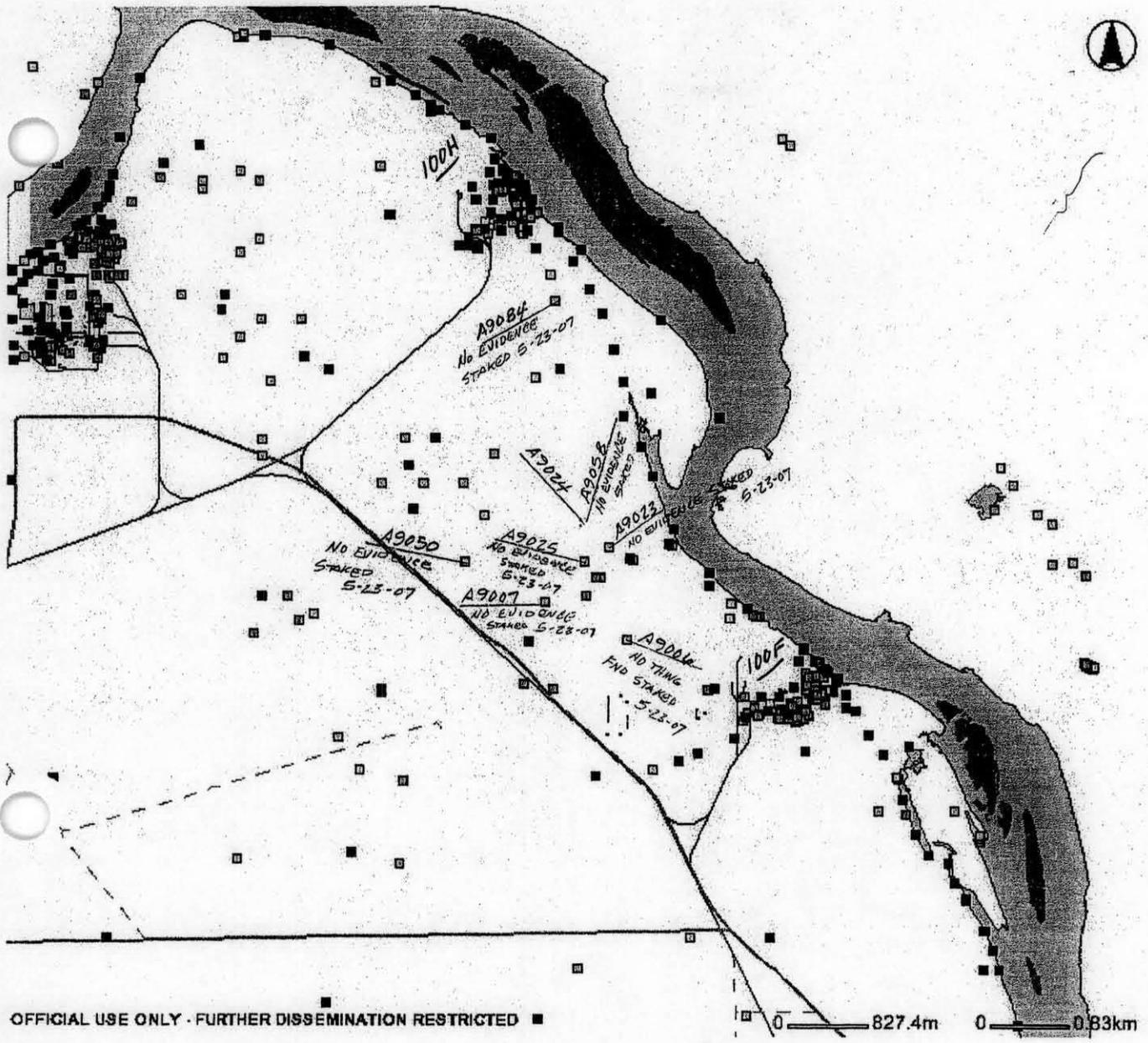
EQUIPMENT LIMITATIONS:
1. Objects made of concrete, clay pipe, PVC pipe, and fiberglass pipe are generally not detectable.
2. The transducers have a horizontal scanning limit to existing structures: the 1000 MHz is within 6 in. of an existing structure; the 500 MHz is within 1 ft. of an existing structure; the 400 MHz is within 1 ft. of an existing structure; and the 300 MHz is within 3 ft. of an existing structure.

Discussion of Findings: Client is advised that subsurface location scanning is not 100% accurate. Client is hereby notified that equipment limitations, soil /concrete conditions, utility congestion and other factors beyond Contractor control may cause subsurface objects to be missed or incorrectly located. Client assumes such risk. It is critical that Client delegate responsibility to its employees, staff and management for application of safety controls during excavation, cutting or drilling activities to prevent physical injury or property damage. Contractor shall not be liable for any injuries or damages arising from or caused by subsurface objects.

Note: No evidence of well casing detected in scan area.







SEE SLAM REQUEST & PHOTO. NO WELL FOUND
 IN AREA WHERE WELL WERE STAKED WELL
 DECOMM. ^{20/11/07} ~~6/11/07~~

WELL ATTRIBUTES REPORT

LD ORDER NO		LAST INSPECTION	1/1/1801
WELL ID	A9084	NORTHING	151728.77
WELL NAME	699-93-37	EASTING	578432.709
HOST WELL ID		ELEVATION	122.78
		CONST DATE	
		CONST DEPTH	

LAST INSPECTION INFORMATION				CURRENT INSPECTION INFORMATION			
WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> ND*
BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> ND*
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> ND*
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> ND*
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> ND*
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> ND*
PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> ND*
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> ND*
WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> ND*
WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> ND*
WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> ND*
PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> ND*
BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> ND*
WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> ND*
COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> ND*
EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> ND*
DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> ND*
SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> ND*	SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> ND*
	<input type="checkbox"/> MINOR	<input checked="" type="checkbox"/> ND*			<input type="checkbox"/> MINOR	<input checked="" type="checkbox"/> ND*	

LAST PUMP INFORMATION				CURRENT PUMP INFORMATION			
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input checked="" type="checkbox"/> ND*	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input type="checkbox"/> ND*
	<input type="checkbox"/> REMOVED				<input type="checkbox"/> REMOVED		
PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> ND*
NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> ND*
ACTIVITY PERFORMED BY	ND*			ACTIVITY PERFORMED BY	ND*		
DATE ACTIVITY PERFORMED	ND*			DATE ACTIVITY PERFORMED	ND*		
PUMP TYPE	ND*			PUMP TYPE	ND*		
PUMP MAKE	ND*			PUMP MAKE	ND*		
PUMP MODEL	ND*			PUMP MODEL	ND*		
PUMP INTAKE DEPTH (ft)	ND*			PUMP INTAKE DEPTH (ft)	ND*		
TUBING SIZE (in)	ND*			TUBING SIZE (in)	ND*		
TUBING MATERIAL	ND*			TUBING MATERIAL	ND*		
TUBING LENGTH (ft)	ND*			TUBING LENGTH (ft)	ND*		
TUBING CONNECTION	ND*			TUBING CONNECTION	ND*		

ND* - Not Documented

WELL ATTRIBUTES REPORT

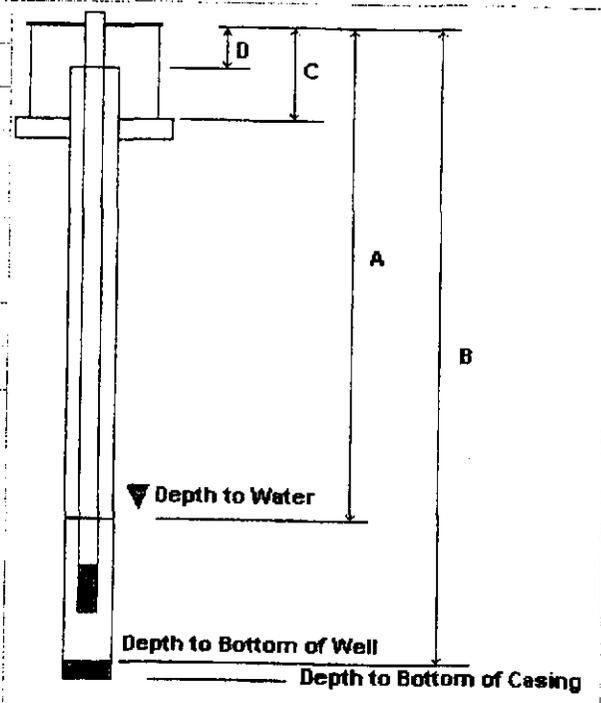
OLD ORDER NO _____
 WELL ID A9084
 WELL NAME 699-93-37
 HOST WELL ID _____

CONST DATE _____
 CONST DEPTH _____

LAST INSPECTION 1/1/1801
 NORTHING 151728.77
 EASTING 578432.709
 ELEVATION 122.78

MEASUREMENT INFORMATION

	LAST	CURRENT
A DEPTH TO WATER(ft)		
DEPTH TO WATER DATE		
B DEPTH TO BOTTOM(ft)		
DEPTH TO BOTTOM DATE		
C STICK UP(ft)		
D REFERENCE MARK(ft)		
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	<input type="checkbox"/> YES <input type="checkbox"/> NO



- A DEPTH TO WATER FROM TOP OF CASING
- B DEPTH TO BOTTOM OF WELL FROM TOP OF CASING
- C TOP OF CASING TO GROUND SURFACE/PAD
- D TOP OF CASING TO SURVEY REFERENCE MARKER

PERFORATION INFORMATION

CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND

CHANGES

CASING INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS

CHANGES

SCREEN INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE

CHANGES

SCAN DATA REPORT

Request No.:

073-327

Project No.:

Title:

Well Decommissioning: A9084 (Ground Scan)

File No. :

600C-001

Job No.:

65400811.1225400 CA10

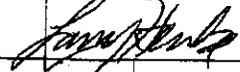
Prepared by:

Tim Johnson

Date:

9/26/07

Reviewer:



Page

1 of 1

DESCRIPTION OF WORK: Perform ground scan (20' x20' Area) around staked location of Well A9084 in attempt to locate possible buried casings.

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
S.H. Worley	1		
B.J. Howard	1		
E.C. Rafuse	1		
G.G. Kelty	1		
W.D. Webber	1		

DATE OF FIELD INVESTIGATION: 9/20/2007

Weather: Temp 70°F Wind 5 MPH

Cloudy Clear P. Cloudy Fog

Soil Conditions: Rocky Sandy Wet Dry

Depth of Investigation 8 feet

Equipment Used:

- 50/60 Hz detector (for energized lines)
- Radio Frequency Electromagnetics (RF)
- Ground Penetrating Radar (GPR)
- Other (identify) Magnetic Locator (Schonstedt)

Required Functional Checks

Current/Completed

GPR Antenna(s) Used: 1000 MHz 500 MHz 400 MHz 300 MHz

Documentation Provided: None

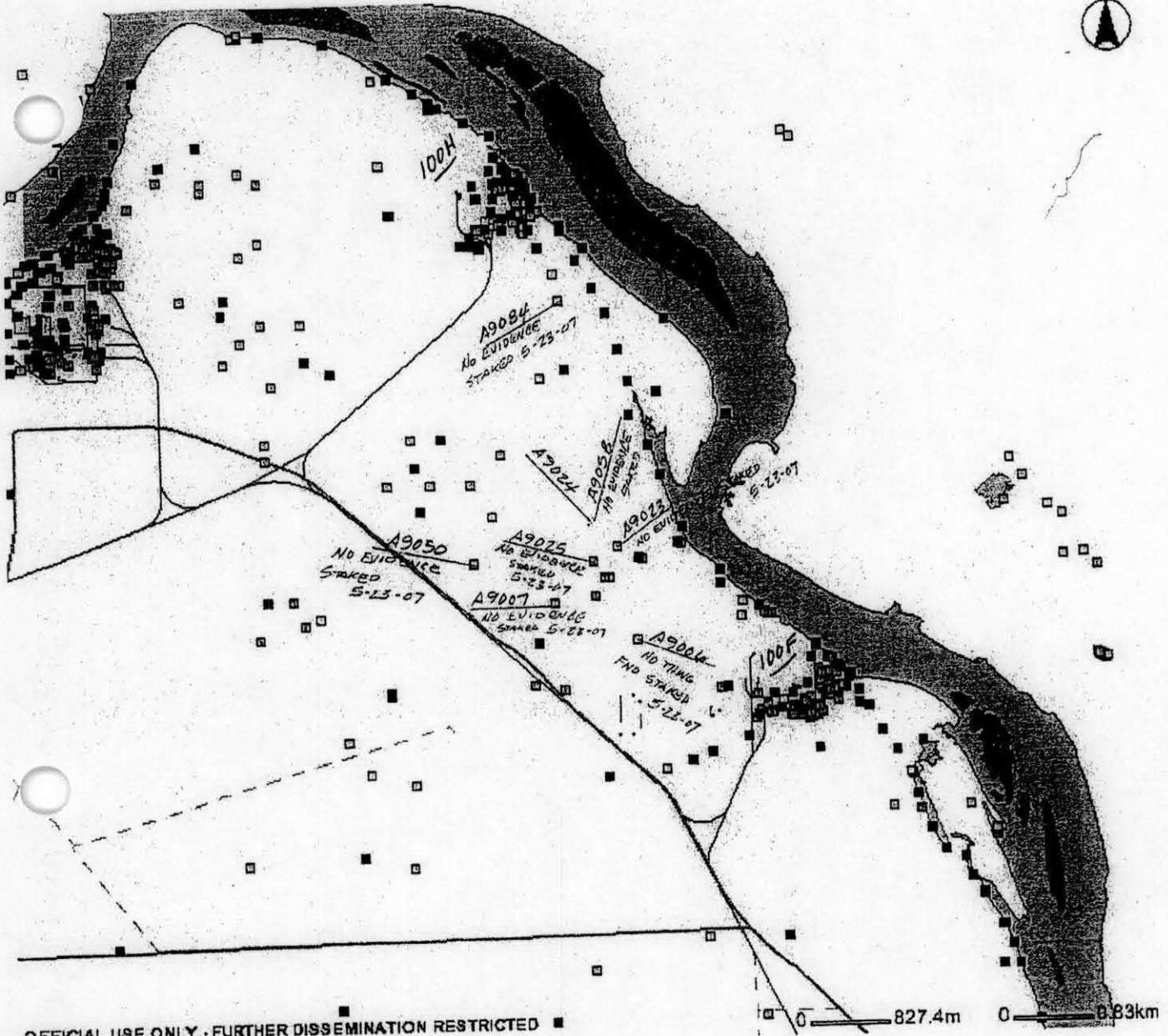
Limits of Investigation: 20' x 20' area centered on staked position of well.

EQUIPMENT LIMITATIONS:

- Objects made of concrete, clay pipe, PVC pipe, and fiberglass pipe are generally not detectable.
- The transducers have a horizontal scanning limit to existing structures: the 1000 MHz is within 6 in. of an existing structure; the 500 MHz is within 1 ft. of an existing structure; the 400 MHz is within 1 ft. of an existing structure; and the 300 MHz is within 3 ft. of an existing structure.

Discussion of Findings: Client is advised that subsurface location scanning is not 100% accurate. Client is hereby notified that equipment limitations, soil /concrete conditions, utility congestion and other factors beyond Contractor control may cause subsurface objects to be missed or incorrectly located. Client assumes such risk. It is critical that Client delegate responsibility to its employees, staff and management for application of safety controls during excavation, cutting or drilling activities to prevent physical injury or property damage. Contractor shall not be liable for any injuries or damages arising from or caused by subsurface objects.

e: No evidence of well casing detected in scan area.



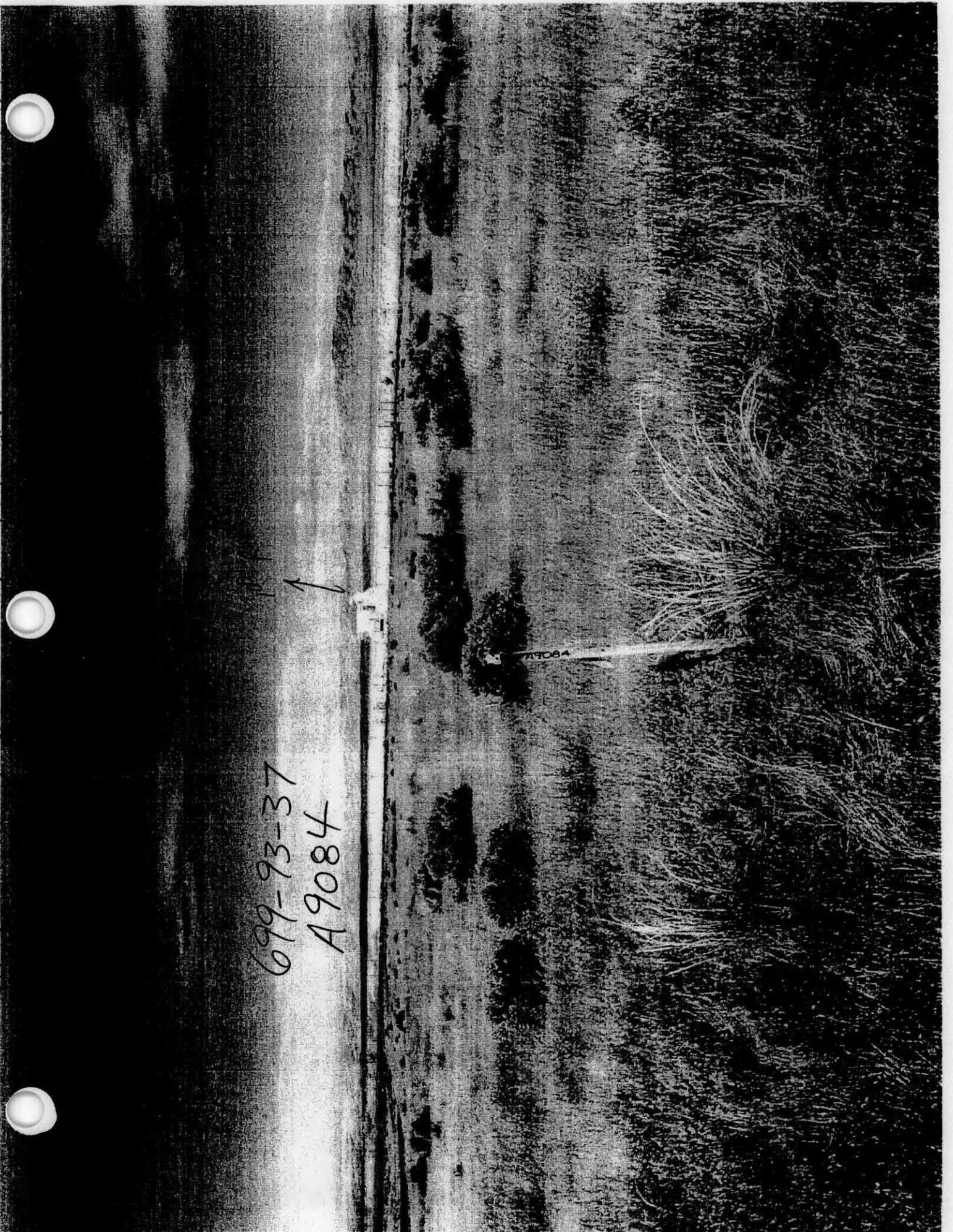
OFFICIAL USE ONLY - FURTHER DISSEMINATION RESTRICTED

0 827.4m 0 0.83km

699-93-37
A9084



A9084



699-94-47
A9088

WELL ATTRIBUTES REPORT

WELL ID	A9088	NORTHING	152352	FIELD ORDER NO	
WELL NAME	699-94-47	EASTING	575461	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	129.08	CONST DATE	
GW OPERABLE UNIT	100-HR-3-H	DRILL DATE		CONST DEPTH	
PROGRAMS					
WASTE SITES SOFT					
WM PLAN(S)					
WASTE STORAGE(S)					

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
SURFACE EROSION	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> ND <input type="checkbox"/> MINOR <input type="checkbox"/> NONE	SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> NONE
LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input checked="" type="checkbox"/> ND <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED
ACTIVITY PERFORMED BY		ACTIVITY PERFORMED BY	
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED	___/___/___
PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TYPE		PUMP TYPE	
PUMP MAKE		PUMP MAKE	
PUMP MODEL		PUMP MODEL	
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)	
LAST TUBING INFORMATION		CURRENT TUBING INFORMATION	
TUBING SIZE (in)		TUBING SIZE (in)	
TUBING MATERIAL		TUBING MATERIAL	
TUBING LENGTH (ft)		TUBING LENGTH (ft)	
TUBING CONNECTION		TUBING CONNECTION	
LAST MEASUREMENT INFORMATION		CURRENT MEASUREMENT INFORMATION	
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)	
DEPTH TO WATER DATE		DEPTH TO WATER DATE	___/___/___
DEPTH TO BOTTOM(ft)		DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE	___/___/___
STICK UP(ft)		STICK UP(ft)	
REFERENCE MARK(ft)		REFERENCE MARK(ft)	
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO

WELL ATTRIBUTES REPORT

WELL ID	A9088	NORTHING	152352	FIELD ORDER NO	
WELL NAME	699-94-47	EASTING	575461	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	129.08	CONST DATE	
GW OPERABLE UNIT	100-HR-3-H	DRILL DATE		CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

WELL ATTRIBUTE COMMENTS

CASING INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED

CHANGES

SCREEN INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	SLOT SIZE/UNITS	REMOVED

CHANGES

PERFORATION INFORMATION

CASING SIZE/UNITS	TOP/BOT/UNITS	CUTS/FT/ROUND	REMOVED

CHANGES

WELL NAME WELL TYPE PUMP TYPE	COORDINATES		CASING ELEV WELL DIAM DATE COMPL	DRILL DEPTH COMPL DEPTH DEPTH WATER	PERF/SCREEN			COMMENTS PREVIOUS WELL NAMES
	L 83 NS/EW	PLANT NS/EW			TYPE	DIAM	TOP	
699-92-47 AB			420.00 56.0	49.0				FILLED IN T14NR26E24D1
699-92-49 GW B	151647.69 575063.38	92411.10 -48530.40	431.94 12.0	41.0 55.0 49.0				14/25-23A1
699-93-37 AB		92650.00 -37475.00	399.32 72.0	29.0 19.0				FILLED IN 14/27-19A1, N.RUN
699-93-46 GW								
699-93-48 GW	151795.52 575094.32	92905.60 -48426.60	437.79 4.0 4/92	83.0 62.3 52.9	S	4.0	41.2	62.3 100-HR-3 OP. UNIT
699-93-49 AB			405.22 60.0	58.0				FILLED IN T14NR26E14Q1
699-93-49B GW								
699-93-50 AB								FILLED IN
699-93-93 OS							.0	516.0 ARMY CAMP WELL 14/24-21B1, PSN
699-94-47 AB			420.00 48.0					FILLED IN 14/26-13M1
699-94-48 AB			424.30 60.0	39.0				FILLED IN 14/26-13M1, N.RUN
699-96-43 GW	152605.54 576761.65	95550.40 -42949.90	421.84 4.0 4/92	40.2 48.5 38.4	S	4.0	32.4	48.5 100-HR-3 OP. UNIT 699-91-43

Hanford Wells
PNL-8800 UC-903
M. A. Chamness & J. K. Merz
August 1993
Prepared for U. S. Dept of Energy under
Contract DE-AC06-76RLO 1830
Pacific NW Lab by Battelle Memorial Institute

SEE SCAN, SURVEY # PHOTOS
 WELL DECOM. SWW
 10/10/07

WELL ATTRIBUTES REPORT

LD ORDER NO _____
 WELL ID A9088
 WELL NAME 699-94-47
 HOST WELL ID _____

CONST DATE _____
 CONST DEPTH _____

LAST INSPECTION 1/1/1801
 NORTHING 152352
 EASTING 575461
 ELEVATION 129.08

LAST INSPECTION INFORMATION				CURRENT INSPECTION INFORMATION			
WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> MINOR <input checked="" type="checkbox"/> ND*	SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> MINOR
LAST PUMP INFORMATION				CURRENT PUMP INFORMATION			
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input checked="" type="checkbox"/> ND*	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input type="checkbox"/> REMOVED
	<input type="checkbox"/> REMOVED						
PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
ACTIVITY PERFORMED BY	ND*			ACTIVITY PERFORMED BY			
DATE ACTIVITY PERFORMED	ND*			DATE ACTIVITY PERFORMED			
PUMP TYPE	ND*			PUMP TYPE			
PUMP MAKE	ND*			PUMP MAKE			
PUMP MODEL	ND*			PUMP MODEL			
PUMP INTAKE DEPTH (ft)	ND*			PUMP INTAKE DEPTH (ft)			
TUBING SIZE (in)	ND*			TUBING SIZE (in)			
TUBING MATERIAL	ND*			TUBING MATERIAL			
TUBING LENGTH (ft)	ND*			TUBING LENGTH (ft)			
TUBING CONNECTION	ND*			TUBING CONNECTION			

SEE SCAN, SURVY & PHOTOS
 WELL DECOMM. SLC 10/01/07

WELL ATTRIBUTES REPORT

LD ORDER NO
 WELL ID A9088
 WELL NAME 699-94-47
 HOST WELL ID

CONST DATE
 CONST DEPTH

LAST INSPECTION 1/1/1801
 NORTHING 152352
 EASTING 575461
 ELEVATION 129.08

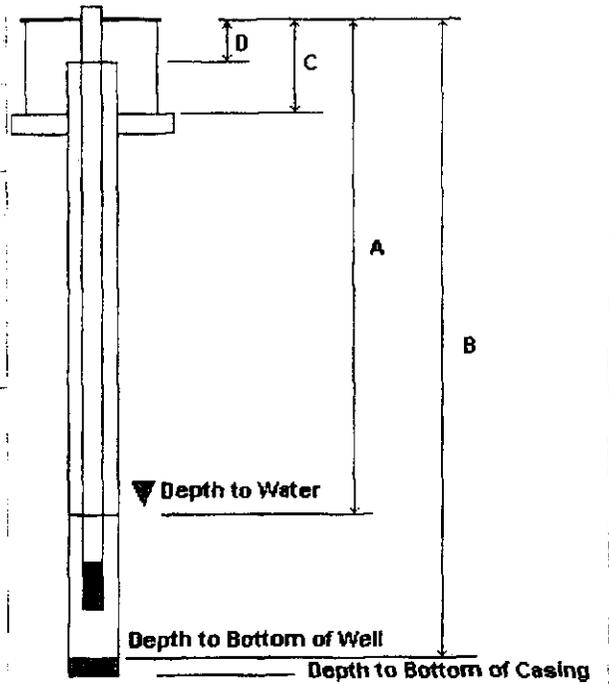
MEASUREMENT INFORMATION

	LAST	CURRENT
A DEPTH TO WATER(ft)		
DEPTH TO WATER DATE		
B DEPTH TO BOTTOM(ft)		
DEPTH TO BOTTOM DATE		
C STICK UP(ft)		
D REFERENCE MARK(ft)		
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	<input type="checkbox"/> YES <input type="checkbox"/> NO

PERFORATION INFORMATION

CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND

CHANGES



- A DEPTH TO WATER FROM TOP OF CASING
- B DEPTH TO BOTTOM OF WELL FROM TOP OF CASING
- C TOP OF CASING TO GROUND SURFACE/PAD
- D TOP OF CASING TO SURVEY REFERENCE MARKER

CASING INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS

CHANGES

SCREEN INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE

CHANGES

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE
A9088	699-94-47	01/01/1801					

HWIS Interface - Well History Information - Current Status

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A9088	699-94-47	DECOMMISSIONED- V	10/15/2007	Admin decomm FY 2008 Admin Decomm PKG 1 Field Inspection 2006 no well located

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A9088	699-94-47	BHI	NAD83(91)	01/01/1801	ESTIMATED	152352	575461	m	P

SURVEY DATA REPORT

Request No.
074-507

Project No.

Title:
Well Decommissioning: A9088 / ~~699-94-01~~ ⁴⁷

File No.
6AT14R26

No.
65400811.1225400
CA10

Prepared By
Tim Johnson

Date
9/24/2007

Reviewer
[Signature]

Page
1 of 1

DESCRIPTION OF WORK

Stake or locate Well A9088 in support of well decommissioning at coordinates given. If found, obtain information for WAR Report. Obtain ground elevation and take photo of staked location or well.

Horizontal Datum: WCS83S/91 (Meters)

Vertical Datum: NAVD88 (Meters)

Equipment Used: Trimble GPS 5800 RTK

DISTRIBUTION

SDR

PLOT

DWG

Survey File

OR

S.H. Worley

1

B.J. Howard

1

E.C. Rafuse

1

G.G. Kelty

1

W.D. Webber

1

SURVEY RESULTS AND COMMENTS

<u>Name</u>	<u>Northing</u>	<u>Easting</u>	<u>Ground Elevation</u>	<u>Description</u>
A9088	152352	575461	130.42	No evidence of well found at coordinates given. Set hub & lath.

NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.

E-NW-246 (09/04)

SCAN DATA REPORT

Request No.:
074-509

Project No.:
N/A

Title:
Well Decommissioning: A9088 (Ground Scan) / ~~699-94-07~~ ⁴⁷

File No.:
600C-001

No.:
65400811.1225400 CA10

Prepared by:
Tim Johnson

Date:
9/25/07

Reviewer:
[Signature]

Page
1 of 1

DESCRIPTION OF WORK: Perform ground scan (20' x 20' Area) around staked location of Well A9088 in attempt to locate possible buried casings.

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
S.H. Worley	1		
B.J. Howard	1		
E.C. Rafuse	1		
G.G. Kelty	1		
W.D. Webber	1		

DATE OF FIELD INVESTIGATION: 9/20/2007

Weather: Temp 70°F Wind 5 MPH
 Cloudy Clear P. Cloudy Fog

Soil Conditions: Rocky Sandy Wet Dry

Depth of Investigation 8 feet

Equipment Used:

- 50/60 Hz detector (for energized lines)
- Radio Frequency Electromagnetics (RF)
- Ground Penetrating Radar (GPR)
- Other (identify) Magnetic Locator (Schonstedt)

Required Functional Checks
Current/Completed

-
-
-
-

GPR Antenna(s) Used: 1000 MHz 500 MHz 400 MHz 300 MHz

Documentation Provided: None

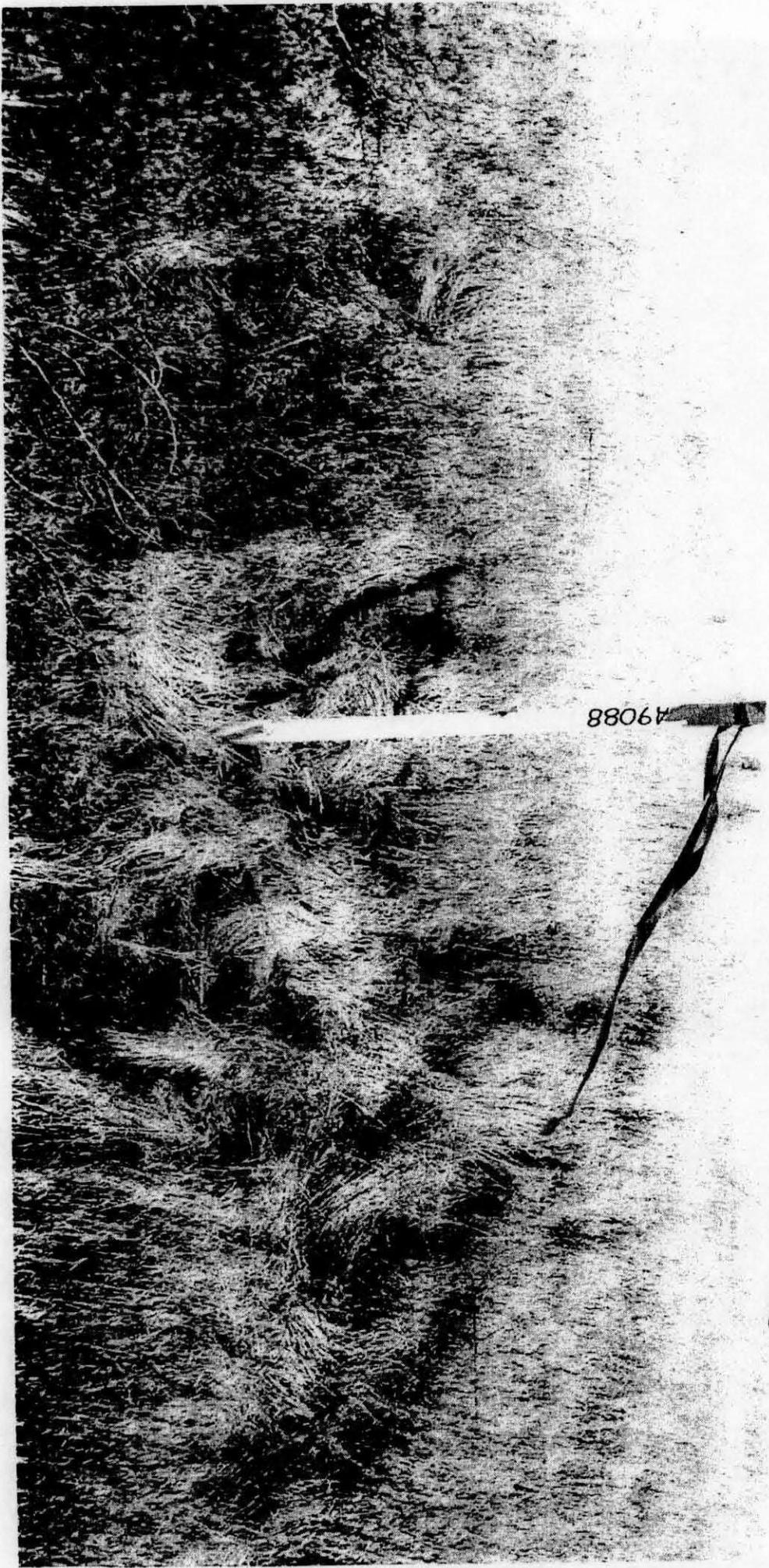
Limits of Investigation: 20' x 20' area centered on staked position of well.

EQUIPMENT LIMITATIONS:

- Objects made of concrete, clay pipe, PVC pipe, and fiberglass pipe are generally not detectable.
- The transducers have a horizontal scanning limit to existing structures: the 1000 MHz is within 6 in. of an existing structure; the 500 MHz is within 1 ft. of an existing structure; the 400 MHz is within 1 ft. of an existing structure; and the 300 MHz is within 3 ft. of an existing structure.

Discussion of Findings: Client is advised that subsurface location scanning is not 100% accurate. Client is hereby notified that equipment limitations, soil /concrete conditions, utility congestion and other factors beyond Contractor control may cause subsurface objects to be missed or incorrectly located. Client assumes such risk. It is critical that Client delegate responsibility to its employees, staff and management for application of safety controls during excavation, cutting or drilling activities to prevent physical injury or property damage. Contractor shall not be liable for any injuries or damages arising from or caused by subsurface objects.

Note: No evidence of well casing detected in scan area.



699-94-47
A9088

... 21 (11/11/11) ...
... 21 (11/11/11) ...
... 21 (11/11/11) ...

07/12/07

699-94-48
A9089

WELL ATTRIBUTES REPORT

WELL ID	A9089	NORTHING	152223.882	FIELD ORDER NO	
WELL NAME	699-94-48	EASTING	575262.019	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION		CONST DATE	
GW OPERABLE UNIT	100-HR-3-D	DRILL DATE		CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
SURFACE EROSION	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> ND <input type="checkbox"/> MINOR <input type="checkbox"/> NONE	SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> NONE
LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input checked="" type="checkbox"/> ND <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED
ACTIVITY PERFORMED BY		ACTIVITY PERFORMED BY	
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED	___/___/___
PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TYPE		PUMP TYPE	
PUMP MAKE		PUMP MAKE	
PUMP MODEL		PUMP MODEL	
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)	
LAST TUBING INFORMATION		CURRENT TUBING INFORMATION	
TUBING SIZE (in)		TUBING SIZE (in)	
TUBING MATERIAL		TUBING MATERIAL	
TUBING LENGTH (ft)		TUBING LENGTH (ft)	
TUBING CONNECTION		TUBING CONNECTION	
LAST MEASUREMENT INFORMATION		CURRENT MEASUREMENT INFORMATION	
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)	
DEPTH TO WATER DATE		DEPTH TO WATER DATE	___/___/___
DEPTH TO BOTTOM(ft)		DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE	___/___/___
STICK UP(ft)		STICK UP(ft)	
REFERENCE MARK(ft)		REFERENCE MARK(ft)	
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO

WELL ATTRIBUTES REPORT

WELL ID	A9089	NORTHING	152223.882	FIELD ORDER NO	
WELL NAME	699-94-48	EASTING	575262.019	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION		CONST DATE	
GW OPERABLE UNIT	100-HR-3-D	DRILL DATE		CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

WELL ATTRIBUTE COMMENTS

CASING INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED

CHANGES

SCREEN INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	SLOT SIZE/UNITS	REMOVED

CHANGES

PERFORATION INFORMATION

CASING SIZE/UNITS	TOP/BOT/UNITS	CUTS/FT/ROUND	REMOVED

CHANGES

WELL NAME	WELL TYPE	COORDINATES		CASING ELEV		DRILL DEPTH		PERF/SCREEN			COMMENTS	
		L 83	PLANT	WELL D1AM	DATE COMPL	COMPL DEPTH	DEPTH WATER	TYPE	DIAM	TOP		BOT
PUMP	TYPE	NS/EW	NS/EW	DATE COMPL	DATE COMPL	DEPTH WATER	DEPTH WATER	TYPE	DIAM	TOP	BOT	PREVIOUS WELL NAMES
699-92-47	AB					420.00	49.0					FILLED IN T14NR26E24D1
699-92-49	GW	151647.69	92411.10	431.94		41.0						14/25-23A1
	B	575063.38	-48530.40	12.0		55.0						
						49.0						
699-93-37	AB		92650.00	399.32		29.0						FILLED IN 14/27-19A1, N.RUN
			-37475.00	72.0		19.0						
699-93-46	GW											
699-93-48	GW	151795.52	92905.60	437.79		83.0	S	4.0	41.2	62.3		100-HR-3 OP. UNIT
		575094.32	-48426.60	4.0		62.3						
				4/92		52.9						
699-93-49	AB			405.22		58.0						FILLED IN T14NR26E14Q1
				60.0								
699-93-49B	GW											
699-93-50	AB											FILLED IN
699-93-93	OS							262.0	516.0			ARMY CAMP WELL 14/24-21B1, PSN
699-94-47	AB											FILLED IN 14/26-13M1
699-94-48	AB					424.30						FILLED IN 14/26-13M1, N.RUN
						60.0						
699-96-43	GW	152605.54	95550.40	421.84		40.2	S	4.0	32.4	48.5		100-HR-3 OP. UNIT 699-91-43
		576761.65	-42949.90	4.0		48.5						
				4/92		38.4						

Hanford Wells
PNL-8800 UC-903
M. A. Chamness & J. K. Merz
August 1993
Prepared for U. S. Dept of Energy under
Contract DE-AC06-76RLO 1830
Pacific NW Lab by Battelle Memorial Institute

SEE SURVEY, SCAND & PHOTO
 WELL DECOM. SW 10/01/07

WELL ATTRIBUTES REPORT

WELL ORDER NO			LAST INSPECTION	1/1/1801
WELL ID	A9089		NORTHING	152223.882
WELL NAME	699-94-48	CONST DATE	EASTING	575262.019
HOST WELL ID		CONST DEPTH	ELEVATION	

LAST INSPECTION INFORMATION				CURRENT INSPECTION INFORMATION			
WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
APSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> MINOR <input checked="" type="checkbox"/> ND*	SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> MINOR

LAST PUMP INFORMATION				CURRENT PUMP INFORMATION			
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input checked="" type="checkbox"/> ND*	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input type="checkbox"/> REMOVED
	<input type="checkbox"/> REMOVED						
PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
ACTIVITY PERFORMED BY	ND*			ACTIVITY PERFORMED BY			
DATE ACTIVITY PERFORMED				DATE ACTIVITY PERFORMED			
PUMP TYPE	ND*			PUMP TYPE			
PUMP MAKE	ND*			PUMP MAKE			
PUMP MODEL	ND*			PUMP MODEL			
PUMP INTAKE DEPTH (ft)				PUMP INTAKE DEPTH (ft)			
TUBING SIZE (in)				TUBING SIZE (in)			
TUBING MATERIAL	ND*			TUBING MATERIAL			
TUBING LENGTH (ft)				TUBING LENGTH (ft)			
TUBING CONNECTION	ND*			TUBING CONNECTION			

ND* - Not Documented

7/28/2006

SEE SURVEY, SCAN & PHOTO
 WELL DECOMR. E.C.W.
 10/10/07

WELL ATTRIBUTES REPORT

ELD ORDER NO _____
 WELL ID A9089
 WELL NAME 699-94-48
 HOST WELL ID _____

CONST DATE _____
 CONST DEPTH _____

LAST INSPECTION 1/1/1801
 NORTHING 152223.882
 EASTING 575262.019
 ELEVATION _____

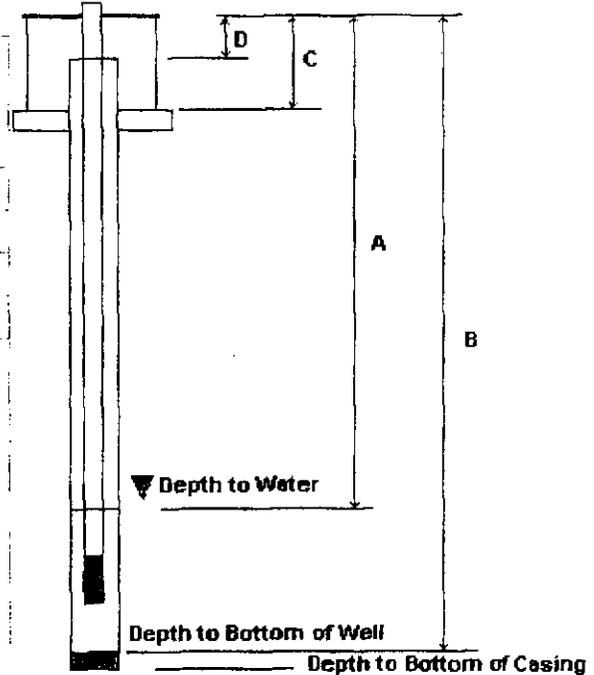
MEASUREMENT INFORMATION

	LAST	CURRENT
A DEPTH TO WATER(ft)		
DEPTH TO WATER DATE		
B DEPTH TO BOTTOM(ft)		
DEPTH TO BOTTOM DATE		
C STICK UP(ft)		
D REFERENCE MARK(ft)		
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	<input type="checkbox"/> YES <input type="checkbox"/> NO

PERFORATION INFORMATION

CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND

CHANGES



- A DEPTH TO WATER FROM TOP OF CASING
- B DEPTH TO BOTTOM OF WELL FROM TOP OF CASING
- C TOP OF CASING TO GROUND SURFACE/PAD
- D TOP OF CASING TO SURVEY REFERENCE MARKER

CASING INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS

CHANGES

SCREEN INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE

CHANGES

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE
A9089	699-94-48	01/01/1801					

HWIS Interface - Well History Information - Current Status

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A9089	699-94-48	DECOMMISSIONED- V	10/15/2007	Admin decommission FY 2008 Admin Decommission PKG 1 Field Inspection 2006 no well located

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFI
A9089	699-94-48	UNKNOWN	NAD83	01/01/1801	CONVERTED	152223.882	575262.019	m	R

SURVEY DATA REPORT

Request No.
074-507

Project No.

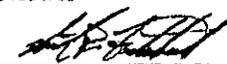
Title:
Well Decommissioning: A9089 / ⁴⁸ 699-94-~~98~~

File No.
6AT14R26

Job No.
65400811.1225400
CA10

Prepared By
Tim Johnson

Date
9/24/2007

Reviewer


Page
1 of 1

DESCRIPTION OF WORK

Stake or locate Well A9089 in support of well decommissioning at coordinates given. If found, obtain information for WAR Report. Obtain ground elevation and take photo of staked location or well.

Horizontal Datum: WCS83S/91 (Meters)
Vertical Datum: NAVD88 (Meters)
Equipment Used: Trimble GPS 5800 RTK

DISTRIBUTION

SDR

PLOT

DWG

Survey File

OR

S.H. Worley

1

B.J. Howard

1

E.C. Rafuse

1

G.G. Kelty

1

W.D. Webber

1

SURVEY RESULTS AND COMMENTS

<u>Name</u>	<u>Northing</u>	<u>Easting</u>	<u>Ground Elevation</u>	<u>Description</u>
A9089	152223.88	575262.02	130.48	No evidence of well found at coordinates given. Set hub & lath.

NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.

E-NW-246 (09/04)

SCAN DATA REPORT				Request No.: 074-509	
Project No.: A	Title: Well Decommissioning: A9089 (Ground Scan)	File No.: 600C-001			
Job No.: 65400811.1225400 CA10	Prepared by: Tim Johnson	Date: 9/25/07	Reviewer: <i>[Signature]</i>	Page 1 of 1	
DESCRIPTION OF WORK: Perform ground scan (20' x20' Area) around staked location of Well A9089 in attempt to locate possible buried casings.		DISTRIBUTION	SDR	SKETCH	DWG
		Survey File	OR	OR	
		S.H. Worley	1		
		B.J. Howard	1		
		E.C. Rafuse	1		
		G.G. Kelty	1		
		W.D. Webber	1		
DATE OF FIELD INVESTIGATION: 9/20/2007					
Weather: Temp <u>70</u> °F Wind <u>5</u> MPH		Soil Conditions: <input type="checkbox"/> Rocky <input checked="" type="checkbox"/> Sandy <input type="checkbox"/> Wet <input checked="" type="checkbox"/> Dry			
<input type="checkbox"/> Cloudy <input checked="" type="checkbox"/> Clear <input type="checkbox"/> P. Cloudy <input type="checkbox"/> Fog		Depth of Investigation <u>8</u> feet			
Equipment Used:		Required Functional Checks			
<input type="checkbox"/> 50/60 Hz detector (for energized lines)		Current/Completed			
<input type="checkbox"/> Radio Frequency Electromagnetics (RF)		<input type="checkbox"/>			
<input type="checkbox"/> Ground Penetrating Radar (GPR)		<input type="checkbox"/>			
<input checked="" type="checkbox"/> Other (identify) Magnetic Locator (Schonstedt)		<input checked="" type="checkbox"/>			
GPR Antenna(s) Used: <input type="checkbox"/> 1000 MHz <input type="checkbox"/> 500 MHz <input type="checkbox"/> 400 MHz <input type="checkbox"/> 300 MHz					
Documentation Provided: None					
Limits of Investigation: 20' x 20' area centered on staked position of well.					
EQUIPMENT LIMITATIONS:					
1. Objects made of concrete, clay pipe, PVC pipe, and fiberglass pipe are generally not detectable.					
2. The transducers have a horizontal scanning limit to existing structures: the 1000 MHz is within 6 in. of an existing structure; the 500 MHz is within 1 ft. of an existing structure; the 400 MHz is within 1 ft. of an existing structure; and the 300 MHz is within 3 ft. of an existing structure.					
Discussion of Findings: Client is advised that subsurface location scanning is not 100% accurate. Client is hereby notified that equipment limitations, soil /concrete conditions, utility congestion and other factors beyond Contractor control may cause subsurface objects to be missed or incorrectly located. Client assumes such risk. It is critical that Client delegate responsibility to its employees, staff and management for application of safety controls during excavation, cutting or drilling activities to prevent physical injury or property damage. Contractor shall not be liable for any injuries or damages arising from or caused by subsurface objects.					
: No evidence of well casing detected in scan area.					



A9089

699-94-48
A9089

699-96-490

A9774

WELL ATTRIBUTES REPORT

WELL ID	A9774	NORTHING	152858.078	FIELD ORDER NO	
WELL NAME	699-96-490	EASTING	574851.252	LAST INSPECTION	1/1/1801
HOST WELL ID	A5358	ELEVATION	128.965	CONST DATE	12/31/1965
GW OPERABLE UNIT	100-HR-3-D	DRILL DATE	10/17/1962	CONST DEPTH	50

PROGRAMS _____

WASTE SITES 50FT _____

WM PLAN(S) _____

WASTE STORAGE(S) _____

LAST INSPECTION INFORMATION				CURRENT INSPECTION INFORMATION			
WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND	WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND	BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND	PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND	WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND	WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND	WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND	PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND	BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND	WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND	COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND	EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND	DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
SURFACE EROSION	<input type="checkbox"/> MAJOR		<input checked="" type="checkbox"/> ND	SURFACE EROSION	<input type="checkbox"/> MAJOR		
	<input type="checkbox"/> MINOR				<input type="checkbox"/> MINOR		
	<input type="checkbox"/> NONE				<input type="checkbox"/> NONE		

LAST PUMP INFORMATION		CURRENT PUMP INFORMATION				
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input checked="" type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED	<input checked="" type="checkbox"/> ND	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED		
ACTIVITY PERFORMED BY			ACTIVITY PERFORMED BY			
DATE ACTIVITY PERFORMED			DATE ACTIVITY PERFORMED	___/___/___		
PUMP IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND	PUMP IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO
PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND	PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO
NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND	NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO
PUMP TYPE				PUMP TYPE		
PUMP MAKE				PUMP MAKE		
PUMP MODEL				PUMP MODEL		
PUMP INTAKE DEPTH (ft)				PUMP INTAKE DEPTH (ft)		

LAST TUBING INFORMATION		CURRENT TUBING INFORMATION	
TUBING SIZE (in)		TUBING SIZE (in)	
TUBING MATERIAL		TUBING MATERIAL	
TUBING LENGTH (ft)		TUBING LENGTH (ft)	
TUBING CONNECTION		TUBING CONNECTION	

LAST MEASUREMENT INFORMATION		CURRENT MEASUREMENT INFORMATION				
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)				
DEPTH TO WATER DATE		DEPTH TO WATER DATE	___/___/___			
DEPTH TO BOTTOM(ft)		DEPTH TO BOTTOM(ft)				
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE	___/___/___			
STICK UP(ft)		STICK UP(ft)				
REFERENCE MARK(ft)		REFERENCE MARK(ft)				
REFERENCE MARK IS TOC	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND	REFERENCE MARK IS TOC	<input type="checkbox"/> YES	<input type="checkbox"/> NO

WELL ATTRIBUTES REPORT

WELL ID	A9774	NORTHING	152858.078	FIELD ORDER NO	
WELL NAME	699-96-490	EASTING	574851.252	LAST INSPECTION	1/1/1801
HOST WELL ID	A5358	ELEVATION	128.965	CONST DATE	12/31/1965
GW OPERABLE UNIT	100-HR-3-D	DRILL DATE	10/17/1962	CONST DEPTH	50
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

WELL ATTRIBUTE COMMENTS

.....

.....

.....

CASING INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED

CHANGES

.....

.....

.....

SCREEN INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	SLOT SIZE/UNITS	REMOVED

CHANGES

.....

.....

.....

PERFORATION INFORMATION

CASING SIZE/UNITS	TOP/BOT/UNITS	CUTS/FT/ROUND	REMOVED

CHANGES

.....

.....

.....

WELL NAME	WELL TYPE PUMP TYPE	COORDINATES		CASING ELEV	DRILL DEPTH	PERF/SCREEN			COMMENTS	
		L 83 NS/EW	PLANT NS/EW	WELL DIAM DATE_COMPL	COMPL DEPTH DEPTH WATER	TYPE	DIAM	TOP	BOT	PREVIOUS WELL NAMES
699-96-49	GW S	152858.31 574851.56	96384.90 -49215.60	419.26 8.0 10/62	100.0 100.0 40.0	P	8.0	28.0	96.0	PIEZOMETERS INSTALLED 6/77 199-96-49
699-96-490	AB		96388.00 -49232.00	419.63 1.5 12/65	50.0 37.0	P	1.5	30.0	50.0	REMOVED
699-96-49P	GW			Hanford Wells PNL-8800 UC-903				79.0 28.0	89.0 96.0	60 SLOT SCREEN; INSTALLED 6/77
699-96-52	GW	152728 574147		M. A. Chamness & J. K. Merz August 1993						DUG WELL
699-96-52P	GW			Prepared for U. S. Dept of Energy under Contract DE-AC06-76RLO 1830 Pacific NW Lab by Battelle Memorial Institute						
699-97-43	GW S	153090.52 576672.03	97132.10 -43240.80	421.84 8.0 10/62	100.0 83.0 43.0	P	8.0	25.0	97.0	CEMENT PLUG AT 83 FT. 199-97-43
699-97-430	AB		97143.00 -43241.00	422.10 1.5 12/65	60.0 60.0 43.0	P	1.5	40.0	60.0	REMOVED
699-97-43P	AB		97143.00 -43241.00	422.10 1.5 8/63	90.0 89.0 44.0	P	1.5	70.0	90.0	REMOVED
699-97-47	GW		96735.00 -47285.00	413.00 48.0	26.0 26.0					DUG WELL REF.2 NO.141
699-97-48	AB			409.25 60.0	34.0					FILLED IN 14/26-13D1, N.RUN
699-97-51A	GW S	153122.37 574468.39	97254.40 -50470.70	402.33 8.0	32.0 37.0 21.0	P	8.0	12.0	39.0	199-97-51A, 699-97-50 699-97-51, REF.2
699-97-51B	GW	152981.72 574436.89	96793.10 -50575.20	407.46 12.0	28.0 31.0 22.0					FILLED AROUND 12" CORR. LINER 14/26-14D1, 699-97-51A

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE
A9774	699-96-490	10/17/1962		100	ft		

HWIS Interface - Well History Information - Current Status

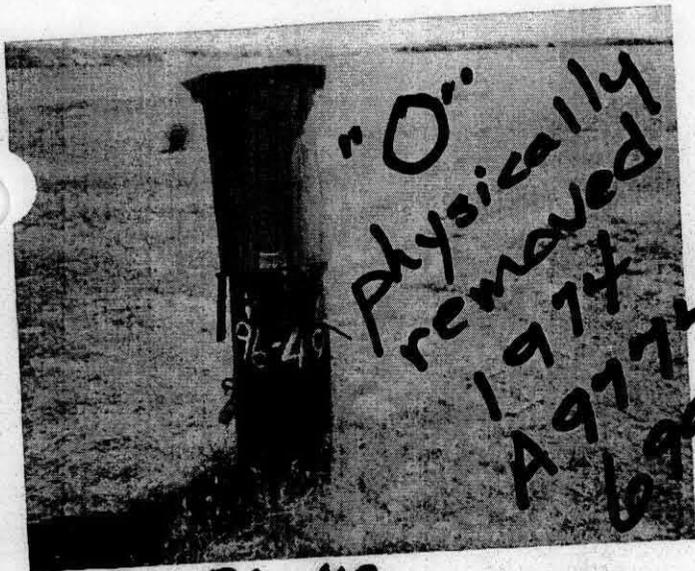
WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A9774	699-96-490	DECOMMISSIONED-V	01/15/2008	Admin Decomm FY 2008 "O" piezometer was physically removed in 1974.

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFI
A9774	699-96-49O	USACE(JECA)	NAD83(91)	01/15/1993	UNKNOWN	152858.078	574851.252	m	

RESOURCE PROTECTION GROUND WATER
WELL STRUCTURE
FIELD INSPECTION REPORT

WELL NUMBER 699-96-49 DATE 6-7-90
INSPECTOR (PRINT) Tim Hottell
SIGNATURE Tim Hottell



WELL IDENTIFICATION
ID MARKINGS

IS THE WELL LABELED? Y N
YES, SHOULD THE CASING BE RELABELED? Y N
DOES THE WELL HAVE A BRASS MARKER? Y N
YES, IS THE BRASS MARKER STAMPED WITH ALL ID? Y N
DOES THE CASING NEED TO BE PAINTED/PAINTED THUS REQUIRING RELABELING? Y N

IRREGULARITIES _____

699-96-49 6-7-90
Tim Hottell

WELL SITE IDENTIFICATION

DOES WELL HAVE A BARBER POLE? Y N IF NO, IS ONE NEEDED? Y N
DOES WELL HAVE AN IDENTIFICATION SIGN POSTED AT ENTRANCE TO ACCESS ROUTE? Y N IF NO, IS ONE NEEDED? Y N
IS WELL LOCATED IN OR AROUND A PARTICULAR FACILITY? (eg. 216-A-10 CRIB, B-Y TANK FARMS, B-POND, ETC.) Y N IF YES, IDENTIFY FACILITY NE of 1000
IS WELL LOCATED IN A RADIATION ZONE? Y N IF YES, DESCRIBE ZONE TYPE _____
IRREGULAR/DAMAGE (DESCRIBE) _____

INSPECT WELL SURFACE PROTECTION MEASURES
WELL CAPS

IS THE WELL CAPPED? Y N
IS THE CAP ABLE TO BE LOCKED? Y N
IS THE CAP LOCKED? Y N
DESCRIBE EXISTING PROBLEMS WITH WELL CAP, IF ANY, OR CHECK NONE: NONE

CONCRETE PAD

NONE 4' X 4' 18" X 18" 2' ROUND IS IT DAMAGED? Y N
IRREGULAR/DAMAGE (DESCRIBE) _____

BARRIER POSTS

4 POSTS, MIN. 3" ID, 1 REMOVABLE Y N
IF NO, DESCRIBE BARRIER POSTS: _____ HOW MANY POSTS? _____ DIAMETER OF POSTS? _____
IS THERE A REMOVABLE POST? Y N
IRREGULAR/DAMAGE (DESCRIBE) _____

CASING INFORMATION
CASING DIAMETERS: OUTER (SURFACE), INNER, AND OTHER - RECORD IN INCHES

INDICATE DIAMETER OF CASING. DESCRIBE TYPE OF CASING (eg. CARBON STEEL, STAINLESS STEEL, PVC, ETC.)

OUTER CASING: OD/ID: 8 1/4" OD 8" ID TYPE Carbon Steel
INNER CASING: OD/ID: _____ TYPE _____
OTHER CASING: OD/ID: _____ TYPE _____
OTHER CASING: OD/ID: _____ TYPE _____

DESCRIBE CONDITION OF TOP EDGE OF THE HIGHEST MOST CASING:

JAGGED UNEVEN FAIRLY LEVEL BVBLED
OTHER (DESCRIBE) _____

DESCRIBE PROTECTIVE CASING DAMAGE, IF ANY (eg. HOLE IN CASING, BENT, ETC.), OR CHECK NONE: NONE

DISTANCE FROM: (CHECK ONE)

GROUND SURFACE CEMENT PAD TO TOP EDGE OF HIGHEST MOST CASING 1.89"

SAMPLING EQUIPMENT INSTALLATION

DESCRIBE TYPE OF PUMP SYSTEM:

HYDROSTAR SUBMERSIBLE BLADDER NONE

DESCRIBE TYPE OF PUMP SYSTEM SUPPORT:

HYDROSTAR PLATE WELL SEAL J HOOK STEEL CABLE PITLESS ADAPTER

DESCRIBE TYPE OF PUMP DISCHARGE TUBING:

3/4" STAINLESS STEEL 1-1/2" ABS 1" PVC 1-1/2" GALVANIZED

IRREGULAR/DAMAGE (DESCRIBE): _____

WELL SITE

DESCRIBE DEBRIS PRESENT AT WELL SITE, IF ANY, OR CHECK NONE: NONE

DESCRIBE WELL SITE IRREGULARITIES (eg. DOWN IN PIT, LOCKED BUILDING, ETC.) OR CHECK NONE: NONE

SURVEY INFORMATION

DESCRIBE SURVEY MARK LOCATION:

TOP EDGE OF HIGHEST MOST CASING BRASS MARKER BOTH NONE

OTHER (DESCRIBE) _____

IS STAMP CLEARLY VISIBLE? Y N

PURGE WATER TANKS

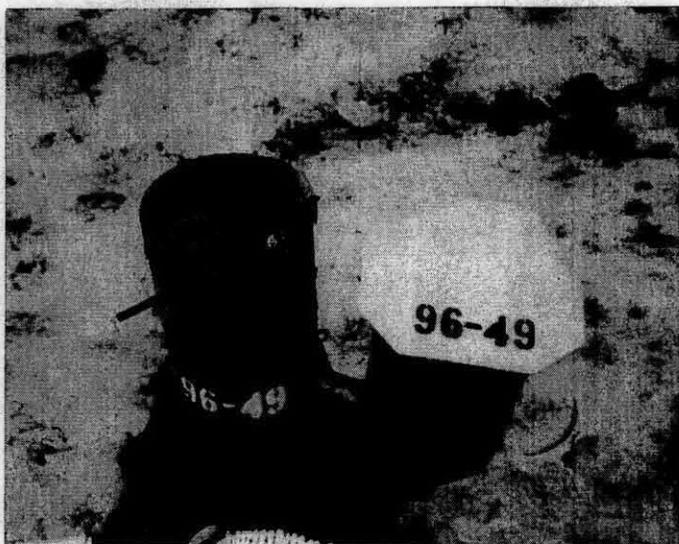
HOW MANY TANKS PRESENT? 0 HOW MANY COVERS MISSING? _____

HOW MANY HAVE WATER IN THEM? _____ HOW MANY ARE LEAKING? _____

IF TANK(S) IS LEAKING, IS IT IDENTIFIED AS SUCH? Y N

IRREGULAR/DAMAGE (DESCRIBE) _____

RESOURCE PROTECTION WELL STRUCTURE FIELD INSPECTION REPORT



6-96-49

12/19/91

MM Baird Simmons

Well Number 699-96-49 Date 12/19/91

Inspector (print) JL Hottell

Signature JL Hottell

WELL IDENTIFICATION ID MARKINGS

Is the well labeled? Yes No

If yes, should the casing be relabeled? Yes No

Does the well have a brass marker? Yes No

If yes, is the brass marker stamped with well ID? Yes No

Does the casing need to be painted/repainted thus requiring relabeling? Yes No

Irregularities _____

WELL SITE IDENTIFICATION

Does well have a barber pole? Yes No

If no, is one needed? Yes No

Does well have an identification sign posted at entrance to access route? Yes No

If no, is one needed? Yes No

Is well located in or around a particular facility? (e.g. 216-A-10 crib, B-Y Tank Farms, B-Pond, etc.) Yes No

If yes, identify facility _____

Is well located in a radiation zone? Yes No

If yes, describe zone type _____

Irregular/Damage (describe) _____

INSPECT WELL SURFACE PROTECTION MEASURES WELL CAPS

Is the well capped? Yes No

Is the cap able to be locked? Yes No

Is the cap locked? Yes No

Describe existing problems with well cap, if any, or check none: _____

None



CONCRETE PAD

None

4 ft x 4 ft

18 in. x 18 in.

2 ft round

Is it damaged?

Yes

No

Irregular/Damage (describe) _____

BARRIER POSTS

Four posts, min. 3 in. ID, 1 removable?

Yes No

Describe barrier posts: _____

How many posts? _____

Diameter of posts? _____

Is there a removable post? Yes No

Irregular/Damage (describe) _____

CASING INFORMATION

CASING DIAMETERS: OUTER (SURFACE), INNER, AND OTHER - RECORD IN INCHES

Indicate diameter of casing. Describe type of casing (e.g. carbon steel, stainless steel, PVC, etc.)

Outer casing: OD/ID: 8 3/4" x 8" Type Carbon Steel

Inner casing: OD/ID: _____ Type _____

Other casing: OD/ID: _____ Type _____

Other casing: OD/ID: _____ Type _____

Describe condition of top edge of the highest most casing:

- Jagged Uneven Fairly Level Beveled

Other (describe) _____

Describe protective casing damage, if any (e.g., hole in casing, bent, etc.), or check none: None

One for the J-Hook

Distance from: (check one)

- Ground Surface Cement Pad To top edge of highest most casing 1.94"

SAMPLING EQUIPMENT INSTALLATION

Describe type of pump system:

- Hydrostar Submersible Bladder None

Describe type of pump system support:

- Hydrostar Plate Well Seal J-Hook Steel Cable Pitless Adapter

Describe type of pump system:

- 3/4 in. Stainless Steel 1 1/2 in. ABS 1 in. PVC 1 1/2 in. galvanized

Irregular/Damage (describe) _____

WELL SITE

Describe debris present at well site, if any, or check none: None

Describe well site irregularities (e.g., down in pit, locked building, etc.) or check none: None

SURVEY INFORMATION

Describe survey mark location:

- Top edge of highest most casing Brass Marker Both None

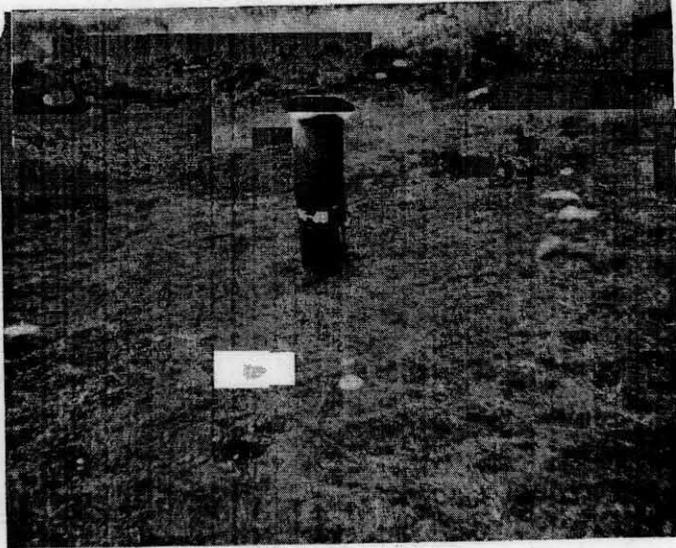
Other (describe) _____

Is stamp clearly visible? Yes No

COMMENTS

Has a piezometer in the well
JH 12/19/91

RESOURCE PROTECTION GROUNDWATER WELL STRUCTURE FIELD INSPECTION REPORT



96-49

1-20-92
D. Gostovich

Well Number 6-96-49 Date 1-20-92 ^{92 ALS} ₁₋₂₀₋₉₂

Inspector (print) D. Gostovich

Signature *D. Gostovich*

WELL IDENTIFICATION ID MARKINGS

- Is the well labeled? Yes No
- Yes, should the casing be labeled? Yes No
- Does the well have a brass marker? Yes No
- Yes, is the brass marker stamped with well ID? Yes No
- Does the casing need to be painted/painted thus requiring relabeling? Yes No
- Irregularities _____

WELL SITE IDENTIFICATION

- Does well have a barber pole? Yes No If no, is one needed? Yes No
- Does well have an identification sign posted at entrance to access route? Yes No If no, is one needed? Yes No
- Is well located in or around a particular facility? (e.g. 216-A-10 crib, B-Y Tank Farms, B-Pond, etc.) Yes No If yes, identify facility _____
- Is well located in a radiation zone? Yes No If yes, describe zone type _____
- Irregular/Damage (describe) _____

INSPECT WELL SURFACE PROTECTION MEASURES WELL CAPS

- Is the well capped? Yes No
- Is the cap able to be locked? Yes No
- Is the cap locked? Yes No
- Describe existing problems with well cap, if any, or check none: None



CONCRETE PAD

- None 4 ft x 4 ft 18 in. x 18 in. 2 ft round Is it damaged? Yes No
- Irregular/Damage (describe) _____

BARRIER POSTS

Four posts, min. 3 in. ID, 1 removable? Yes No

If no, describe barrier posts: _____

Yes No

How many posts? None Diameter of posts? _____

Is there a removable post? Yes No

Irregular/Damage (describe) _____

CASING INFORMATION

CASING DIAMETERS: OUTER (SURFACE), INNER, AND OTHER - RECORD IN INCHES

Indicate diameter of casing. Describe type of casing (e.g. carbon steel, stainless steel, PVC, etc.)

Outer casing: OD/ID: 8 x 8 5/8 Type c/s

Inner casing: OD/ID: _____ Type _____

Other casing: OD/ID: _____ Type _____

Other casing: OD/ID: _____ Type _____

Describe condition of top edge of the highest most casing:

Jagged Uneven Fairly Level Beveled

Other (describe) _____

Describe protective casing damage, if any (e.g., hole in casing, bent, etc.), or check none: None

hole for J-hook

Distance from: (check one)

Ground Surface Cement Pad To top edge of highest most casing 1.92

SAMPLING EQUIPMENT INSTALLATION

Describe type of pump system:

Hydrostar Submersible Bladder None

Describe type of pump system support:

Hydrostar Plate Well Seal J-Hook Steel Cable Pitless Adapter

Describe type of pump system:

3/4 in. Stainless Steel 1 1/2 in. ABS 1 in. PVC 1 1/2 in. galvanized

Irregular/Damage (describe) _____

WELL SITE

Describe debris present at well site, if any, or check none: None

Describe well site irregularities (e.g., down in pit, locked building, etc.) or check none: None

SURVEY INFORMATION

Describe survey mark location:

Top edge of highest most casing Brass Marker Both None

Other (describe) _____

Is stamp clearly visible? Yes No

COMMENTS

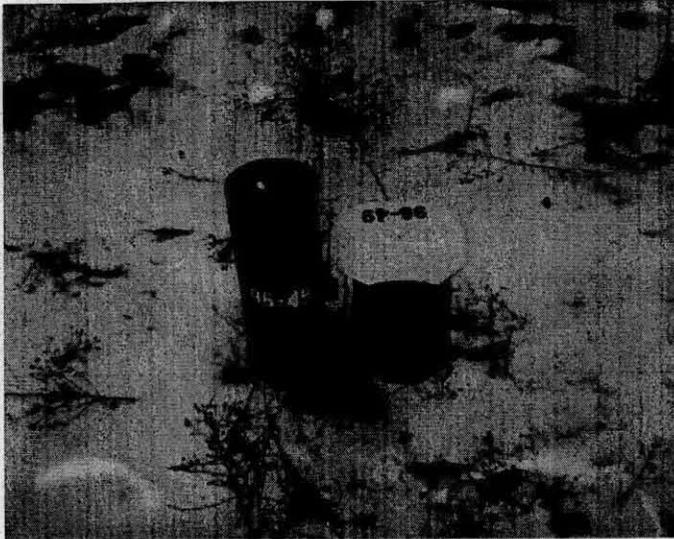
DTW 34.9F

PTB 57.60

The well has a 2 1/2" pizzo unit

RESOURCE PROTECTION WELL STRUCTURE FIELD INSPECTION REPORT

Inpat
Well ID
A5358



699-96-49 1/29/97

Well Name 699-96-49 Date 01/29/97
 Inspector (print) M. D. WALKUP
 Signature *M. D. Walkup*

WELL IDENTIFICATION ID MARKINGS

Is the well labeled? Yes No
 If yes, should the casing be relabeled? Yes No
 Does the well have a brass marker? Yes No
 If yes, is the brass marker stamped with well ID? Yes No
 Does the casing need to be painted/repainted thus requiring relabeling? Yes No
 Irregularities _____

WELL SITE IDENTIFICATION

Does well have a barber pole? Yes No If no, is one needed? Yes No
 Does well have an identification sign posted at entrance to access route? Yes No If no, is one needed? Yes No
 Is well located in or around a particular facility? (e.g., 216-A-10 crib, B-Y Tank Farms, B-Pond, etc.) Yes No If yes, identify facility _____
 Is well located in a radiation zone? Yes No If yes, describe zone type _____
 Irregular/Damage (describe) _____

INSPECT WELL SURFACE PROTECTION MEASURES

WELL CAPS

Is the well capped? Yes No
 Is the cap able to be locked? Yes No
 Is the cap locked? Yes No
 Describe existing problems with well cap, if any, or check none: None



CONCRETE PAD

None 4 ft x 4 ft 18 in. x 18 in. 2 ft round Is it damaged? Yes No
 Irregular/Damage (describe) _____

BARRIER POSTS

Four posts, min. 3 in. ID, 1 removable? Yes No
 no, describe barrier posts: _____ How many posts? _____ Diameter of posts? _____
 Is there a removable post? Yes No
 Irregular/Damage (describe) _____

CASING INFORMATION

CASING DIAMETERS: OUTER (SURFACE), INNER, AND OTHER - RECORD IN INCHES

Indicate diameter of casing. Describe type of casing (e.g., carbon steel, stainless steel, PVC, etc.)

Outer casing: OD/ID: 8 5/8" x 8" Type C.S.

Inner casing: OD/ID: _____ Type _____

Other casing: OD/ID: _____ Type _____

Other casing: OD/ID: _____ Type _____

Describe condition of top edge of the highest most casing:

- Jagged Uneven Fairly Level Beveled

Other (describe) _____

Describe protective casing damage, if any (e.g., hole in casing, bent, etc.), or check none:

None

1 - 1" HOLE

Distance from: (check one)

Ground Surface

Cement Pad

To top edge of highest most casing 1.70'

SAMPLING EQUIPMENT INSTALLATION

Describe type of pump system:

Hydrostar

Submersible

Bladder

None

Describe type of pump system support:

Hydrostar Plate

Well Seal

J-Hook

Steel Cable

Pitless Adapter

Describe type of pump system:

3/4 in. Stainless Steel

1 1/2 in. ABS

1 in. PVC

1 1/2 in. galvanized

Irregular/Damage (describe) _____

WELL SITE SAFETY

Describe debris present at well site, if any, or check none:

None

Describe well site irregularities (e.g., down in pit, locked building, overhead electrical power lines, on slope), or check none:

None

SURVEY INFORMATION

Describe survey mark location:

Top edge of highest most casing

Brass Marker

Both

None

Is stamp clearly visible?

Yes

No

Other (describe) _____

DEPTH MEASUREMENTS

Depth to Water: 35.84'

Depth to Bottom: 51.90'

Comments: _____

COMMENTS

1 - 1/2" STEEL REED IN WELL.

"R" DTW - 35.80' DTB - 55.90'

Piekarski, Kenneth M

From: Howard, Bonnie J
Sent: Wednesday, May 09, 2007 8:10 AM
To: Piekarski, Kenneth M
Subject: FW: these are the wells of concern and the piezometers whose existence is also being questioned.

From: Worley, Scott H
Sent: Wednesday, May 09, 2007 8:02 AM
To: Howard, Bonnie J
Subject: RE: these are the wells of concern and the piezometers whose existence is also being questioned.

Bonnie,

For well 699-97-43, in 1976 the piezometers were removed and the well cleaned out. A cement plug was installed at 83'.

Scott Worley

From: Howard, Bonnie J
Sent: Tuesday, May 08, 2007 2:47 PM
To: Worley, Scott H
Cc: Wright, Christopher S; Howard, Bonnie J; Jackson, Ronald L; Raidl, Robert F
Subject: these are the wells of concern and the piezometers whose existence is also being questioned.

A5360	699-97-43	PIEZOMETER HOST	FY 2007 water level wells	IN-USE
A9776	699-97-43O	HOSTED PIEZOMETER	2006 Field Inspection host has pump. Plate obscures any piezos	UNKNOWN
A9777	699-97-43P	HOSTED PIEZOMETER	2006 Field Inspection host has pump. Plate obscures any piezos	UNKNOWN
A5358	699-96-49	PIEZOMETER HOST	FY 2007 water level wells	IN-USE
A9774	699-96-49O	HOSTED PIEZOMETER	2006 Field Inspection host has pump piezometer existswell is west of 100H NE of 100 D DTB 51.95 DTW 36.82	UNKNOWN
A9775	699-96-49P	HOSTED PIEZOMETER	FY 2007 water level wells	IN-USE

From: Worley, Scott H
Sent: Tuesday, May 08, 2007 2:01 PM
To: Howard, Bonnie J
Subject: FW: Well Decommissioning

From: Raidl, Robert F
Sent: Tuesday, May 08, 2007 11:47 AM
To: Jackson, Ronald L; Swanson, L Craig
Cc: Wright, Christopher S; Worley, Scott H

5/9/2007

Subject: RE: Well Decommissioning

ALL

The wells in question were 699-96-49 and 699-97-43. They were drilled in 1962 to 100 ft and completed with perforated carbon steel casing across the RUM - Hanford contact, which was at about 65 ft in 96-49 and 50-55 ft in 97-43.

Well 699-96-49 was perforated and cemented from 60-70 (across the RUM-Hanford contact) and then backfilled to about 52 ft with sand, pea gravel and bentonite in 1992. This should have taken care of the contamination between aquifers issue.

Well 699-97-43 was plugged from 83-100 with cement in 1976 and then backfilled with sand, gravel and bentonite pellets in 1992. It was not pressure grouted.

The problem, as I see it, was that these wells were open across the RUM in 1967 when the huge infiltration test in the northern D area raised the static water level in 96-49 over 10 ft and may have driven chromium deeper into the aquifer. Likewise, in 97-43, which is near the 100-H area, the higher water levels during 100-H operations may have provided a conduit and driver to push contamination deep.

Scott Worley is working on a decommissioning profile for these wells.

bob

From: Jackson, Ronald L
Sent: Tuesday, May 08, 2007 11:35 AM
To: Swanson, L Craig
Cc: Raidl, Robert F; Jackson, Ronald L; Wright, Christopher S
Subject: FW: Well Decommissioning
Importance: High

This is a hot button with Jim Hanson. When will the assessment be completed? Ron J

From: Wright, Christopher S
Sent: Tuesday, May 08, 2007 11:29 AM
To: Jackson, Ronald L
Subject: FW: Well Decommissioning

From: Jackson, Ronald L
Sent: Thursday, April 05, 2007 8:39 AM
To: Swanson, L Craig
Cc: Borghese, Jane V; Howard, Bonnie J; Wright, Christopher S; Jackson, Ronald L; Raidl, Robert F; Weekes, David C
Subject: RE: Well Decommissioning

Per RL suggestion, I am requesting that you schedule an assessment on the conditions of the wells and how we would decommissioning these wells. Please provide this information by end of April 2007. Thanks.

Ron Jackson

From: Morse, John G
Sent: Tuesday, April 03, 2007 7:11 AM
To: Hanson, James P; Howard, Bonnie J
Cc: Jackson, Ronald L; Charboneau, Briant L; Thompson, K M (Mike); Fletcher, Thomas W; Borghese, Jane V
Subject: RE: Well Decommissioning

I think we should check out the wells but delay any decommissioning until we have data from the new characterization wells that are being installed

From: Hanson, James P
Sent: Monday, April 02, 2007 6:36 PM
To: Howard, Bonnie J
Cc: Jackson, Ronald L; Charboneau, Briant L; Thompson, K M (Mike); Morse, John G; Fletcher, Thomas W; Borghese, Jane V
Subject: Well Decommissioning

Bonnie

DOE and FH met with Ecology today regarding groundwater characterization of the 100 Horn Area. In our discussion, two wells of concern were brought to our attention by Ecology. These are:

- 1.) 699-97-43
- 2.) 699-96-49

Both wells apparently have questionable performance AND were constructed not in accordance with GW Monitoring well regulations (old wells). The concern is that the wells, due to their original depth (100 ft), potentially provides a conduit between the upper and lower aquifers in this region. Bob Raidl is familiar with the wells. Ecology would like DOE to evaluate these wells for decommissioning. These wells have shown hexavalent chromium concentrations during monitoring events from 27-106 ppb. Discussions today report that the wells have been partially filled with cement to fill the lower portion of the casing.

In discussion with Briant Charboneau this evening, FH is still evaluating and identifying additional wells for decommissioning to meet the FY07 target of 90. Briant would like FH to please evaluate the wells requested by Ecology that causes them concern. According to Ecology, the wells were described in an appendices of the 100-HR-3 Annual Report.

I will be out the rest of this week, so please contact Ron Jackson for further clarification.

Thanks again in advance,

Jim Hanson
DOE-RL
373-9068

Piekarski, Kenneth M

From: Howard, Bonnie J
Sent: Tuesday, May 15, 2007 3:10 PM
To: Kalty, George
Cc: Piekarski, Kenneth M
Subject: FW: these are the wells of concern and the piezometers whose existence is also being questioned.

George: please replace status change comment of A9776 to read 10/2/1974 two piezometers removed well cleaned out to 100'. Piezometer "O" has been gone since 1974.

Ken: please submit this email as documentation for the below mentioned A5358, A9774, A9775

From: Worley, Scott H
Sent: Wednesday, May 09, 2007 8:26 AM
To: Howard, Bonnie J
Subject: RE: these are the wells of concern and the piezometers whose existence is also being questioned.

699-96-49 per asbuilt sent out previously,

10/2/1974 two piezometers removed well cleaned out to 100'. 6/6/1977 a 2.5" piezometer was installed and a cement seal/plug was set at 60-70'.

Piezometer "O" has been gone since 1974.

Scott Worley

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Sent: Tuesday, May 08, 2007 2:47 PM
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Cc: Wright, Christopher S; Howard, Bonnie J; Jackson, Ronald L; Raidl, Robert F
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I will be out the rest of this week, so please contact Ron Jackson for further clarification.

Thanks again in advance,

Jim Hanson
DOE-RL
373-9068

5/15/2007

699-103-53B
A9106

WELL ATTRIBUTES REPORT

WELL ID	A9106	NORTHING	155136	FIELD ORDER NO	
WELL NAME	699-103-538	EASTING	573798	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	138.222	CONST DATE	
GW OPERABLE UNIT		DRILL DATE		CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
SURFACE EROSION	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> ND <input type="checkbox"/> MINOR <input type="checkbox"/> NONE	SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> NONE
LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input checked="" type="checkbox"/> ND <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED
ACTIVITY PERFORMED BY		ACTIVITY PERFORMED BY	
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED	
PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TYPE		PUMP TYPE	
PUMP MAKE		PUMP MAKE	
PUMP MODEL		PUMP MODEL	
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)	
LAST TUBING INFORMATION		CURRENT TUBING INFORMATION	
TUBING SIZE (in)		TUBING SIZE (in)	
TUBING MATERIAL		TUBING MATERIAL	
TUBING LENGTH (ft)		TUBING LENGTH (ft)	
TUBING CONNECTION		TUBING CONNECTION	
LAST MEASUREMENT INFORMATION		CURRENT MEASUREMENT INFORMATION	
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)	
DEPTH TO WATER DATE		DEPTH TO WATER DATE	
DEPTH TO BOTTOM(ft)		DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE	
STICK UP(ft)		STICK UP(ft)	
REFERENCE MARK(ft)		REFERENCE MARK(ft)	
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO

WELL ATTRIBUTES REPORT

WELL ID	A9106	NORTHING	155136	FIELD ORDER NO	
WELL NAME	699-103-53B	EASTING	573798	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	138.222	CONST DATE	
GW OPERABLE UNIT		DRILL DATE		CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

WELL ATTRIBUTE COMMENTS

CASING INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED

CHANGES

SCREEN INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	SLOT SIZE/UNITS	REMOVED

CHANGES

PERFORATION INFORMATION

CASING SIZE/UNITS	TOP/BOT/UNITS	CUTS/FT/ROUND	REMOVED

CHANGES

WELL NAME WELL TYPE PUMP TYPE	COORDINATES		CASING ELEV WELL DIAM DATE COMPL	DRILL DEPTH COMPL DEPTH DEPTH WATER	PERF/SCREEN			COMMENTS PREVIOUS WELL NAMES
	L 83 NS/EW	PLANT NS/EW			TYPE	DIAM	TOP	
699-102-48 AB	101550.00 -47790.00		390.00 6.0 5/43	56.0				CASING REMOVED 699-101-48C, HR-8
699-103-25 OS			675.94 12/80	378.0				USBR 14/27-3P1
699-103-53A AB			433.00 5.0	57.0				FILLED IN 14/26-10A1
699-103-53B AB			450.00 36.0	68.0				FILLED IN 14/26-2N1
699-105-1 OS								STOCK WELL BY CORRAL 14/28-5H1
699-107-79 OS								ARMY WELL 410-2 14/25-1D1, PSN
699-108-20 OS								ARMY WELL 14/27-2C1
699-111-24 GW	111000.00 -24000.00		699.14 20.0 2/52	631.0	P	20.0	244.0	354.0 ARMY WELL 500-1, PSN-500
699-112-37 GW	111737.00 -36569.00		741.82 16.0 11/53	1140.0	P	16.0	876.0	879.0 PERF. 982-1115 FT., ARMY WELL 15/27-32E1, 699-113-38, PSN
699-114-11 OS			836.00 12/66	95.0				USBR 15/27-36A
699-114-127 OS	114112.00 -127084.00		935.79 2.0 2/72	5002.0				WELL FILLED WITH ROCK DH-5
699-115-7 OS	115430.00 -7238.00		936.78 2.0 11/71	4776.0				PARTIALLY CAVED IN; TOOLS ABANDONED IN WELL 699-117-10, DH-4

Hanford Wells
PNL-8800 UC-903
M. A. Chamness & J. K. Merz
August 1993
Prepared for U. S. Dept of Energy under
Contract DE-AC06-76RLO 1830
Pacific NW Lab by Battelle Memorial Institute

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE
A9106	699-103-53B	01/01/1801					

HWIS Interface - Well History Information - Current Status

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A9106	699-103-53B	DECOMMISSIONED- V	12/20/2007	Admin decomm FY 2008 Admin Decomm Pkg 2 Rev Survey Data Report - No well found - no casing detected

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A9106	699-103-53B	BHI	NAD83(91)	01/01/1801	ESTIMATED	155136	573798	m	P

SCAN DATA REPORT

699-103-53B

Request No.:
081-094

Project No.: N/A	Title: Well Decommissioning: Scan @ Well A9106	File No.: 600N-001
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Job No.: 65400811.1225400 / CA10	Prepared by: S. Wray	Date: 12/5/07	Reviewer:	Page 1 of 1
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DESCRIPTION OF WORK: Unable to perform a ground scan at well location A9106. Location of well not staked due to position falling on steep side hill.	DISTRIBUTION	SDR	SKETCH	DWG
	Survey File	OR	OR	
	B.J. Howard	1		
	E.C. Rafuse	1		
	S.H. Worley	1		
	G.G. Kelty	1		
	E.E. Oliver	1		

DATE OF FIELD INVESTIGATION: 12/03/07

Weather: Temp <u>40°F</u> Wind <u>20</u> MPH <input type="checkbox"/> Cloudy <input type="checkbox"/> Clear <input checked="" type="checkbox"/> P. Cloudy <input type="checkbox"/> Fog	Soil Conditions: <input type="checkbox"/> Rocky <input type="checkbox"/> Sandy <input type="checkbox"/> Wet <input type="checkbox"/> Dry Depth of Investigation _____ feet
---	---

Equipment Used: _____ 50/60 Hz detector (for energized lines) _____ Radio Frequency Electromagnetics (RF) _____ Ground Penetrating Radar (GPR) _____ Other (identify)	Required Functional Checks Current/Completed <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
---	---

GPR Antenna(s) Used: 1000 MHz 500 MHz 400 MHz 300 MHz

Documentation Provided: None

Limits of Investigation:

- EQUIPMENT LIMITATIONS:**
1. Objects made of concrete, clay pipe, PVC pipe, and fiberglass pipe are generally not detectable.
 2. The transducers have a horizontal scanning limit to existing structures: the 1000 MHz is within 6 in. of an existing structure; the 500 MHz is within 1 ft. of an existing structure; the 400 MHz is within 1 ft. of an existing structure; and the 300 MHz is within 3 ft. of an existing structure.

Discussion of Findings: Client is advised that subsurface location scanning is not 100% accurate. Client is hereby notified that equipment limitations, soil /concrete conditions, utility congestion and other factors beyond Contractor control may cause subsurface objects to be missed or incorrectly located. Client assumes such risk. It is critical that Client delegate responsibility to its employees, staff and management for application of safety controls during excavation, cutting or drilling activities to prevent physical injury or property damage. Contractor shall not be liable for any injuries or damages arising from or caused by subsurface objects.

SURVEY DATA REPORT	Request No. 081-035
---------------------------	------------------------

Project No. 1A	Title: Well Decommissioning Program / A9106 (699-103-53B)	File No. 6AT14R26
-------------------	--	----------------------

Job No. 65400811.1225400 CA10	Prepared By S. Wray	Date 12/03/07	Reviewer <i>Larry Henke</i>	Page 1 of 1
-------------------------------------	------------------------	------------------	--------------------------------	----------------

DESCRIPTION OF WORK	DISTRIBUTION	SDR	PLOT	DWG
Stake / Investigate location of Well A9106 (699-103-53B) at coordinates given and report if above ground evidence exists. Horizontal Datum: WCS83S/91 (Meters) Equipment Used: Trimble GPS 5800 RTK	Survey File	OR		
	B.J. Howard	1		
	E.C. Rafuse	1		
	G.G. Kelty	1		
	E.E. Oliver	1		
	S.H. Worley	1		

SURVEY RESULTS AND COMMENTS

<u>Well ID</u>	<u>Coordinates Given</u>	<u>Description</u>
A9106	N 155136.00, E 573798.00	Note: Did not set Hub & Lath at given coordinates at time of survey. Position falls on steep side hill. No evidence of well visible.

NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.

216-B-3A
A5846

WELL ATTRIBUTES REPORT

WELL ORDER NO
WELL ID A5846
WELL NAME 216-B-3A
HOST WELL ID _____

CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING _____
EASTING _____
ELEVATION _____

LAST INSPECTION INFORMATION			CURRENT INSPECTION INFORMATION		
WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO
BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO
PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO
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WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO
WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO
PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO
BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO
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LAST PUMP INFORMATION			CURRENT PUMP INFORMATION		
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> REPLACED <input checked="" type="checkbox"/> ND* <input type="checkbox"/> REMOVED		PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> REPLACED <input type="checkbox"/> REMOVED	
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*		PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO	
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*		NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO	
ACTIVITY PERFORMED BY	ND*		ACTIVITY PERFORMED BY		
DATE ACTIVITY PERFORMED			DATE ACTIVITY PERFORMED		
PUMP TYPE	ND*		PUMP TYPE		
PUMP MAKE	ND*		PUMP MAKE		
PUMP MODEL	ND*		PUMP MODEL		
PUMP INTAKE DEPTH (ft)			PUMP INTAKE DEPTH (ft)		
TUBING SIZE (in)			TUBING SIZE (in)		
TUBING MATERIAL	ND*		TUBING MATERIAL		
TUBING LENGTH (ft)			TUBING LENGTH (ft)		
TUBING CONNECTION	ND*		TUBING CONNECTION		

ND* - Not Documented

6/15/2005

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Search Results

Search Results matching the criteria '216-B-3A'.
 Searching in 'Document No' 'Title' 'Keywords' 'Alternate Doc No' field(s)
 Sorting by 'Document No, ASC'.
 Searching 'All' databases.

Image Document Title

EXCAVATION PERMIT - 216-B-3A, 216-B-3B, & 216-B-3C POND LOBES

Data from: RMIS Records **Document No:** 0002814 **Document Date:** 08-28-1992 **Alt Doc No:** 0002814-NA

FILL MATERIAL USED IN SITE PREPARATION/SABILIZATION / THE 216-B-3A & 3C PONDS

Data from: RMIS Records **Document No:** 0004789 **Document Date:** 10-13-1989 **Alt Doc No:** 0004789-NA

LOG HEADER - COPY OF THE 2/8/91 PNL LOG, RUN #1 FOR BOREHOLE BH3A-1, (NOW 216-B-3A)

Data from: RMIS Records **Document No:** 0007272 **Document Date:** 02-08-1991 **Alt Doc No:** 0007272-NA

LOG HEADER - COPY OF THE 2/20/91 PNL LOG RUN #2 FOR BOREHOLE BH3A-1, (LATER TO BE NAMED 216-B-3A)

Data from: RMIS Records **Document No:** 0007273 **Document Date:** 02-20-1991 **Alt Doc No:** 0007273-NA

LOG HEADER - COPY OF THE 3/1/91 PNL LOG RUN #3 FOR BOREHOLE BH3A-1, (NOW 216-B-3A)

Data from: RMIS Records **Document No:** 0007274 **Document Date:** 03-01-1991 **Alt Doc No:** 0007274-NA

DSI: FILL MATERIAL USED IN SITE PREPARATION/STABILIZATION AT THE 216-B-3A & 3C PONDS

Data from: RMIS Records **Document No:** 0033530 **Document Date:** 10-13-1989 **Alt Doc No:** 0033530-NA

PIPELINE SUMMARY ASSOCIATED WITH THE 216-B-3A, 216-E 3B, AND 216-B-3C WASTE SITES

Data from: RMIS Records **Document No:** 0200E-CA-V0023
Revision No: 0 **Originator:** CRUZ G **Document Date:** 03-14-200
Alt Doc No: 0200E-CA-V0023-000

PIPELINE SUMMARY ASSOCIATED WITH THE 216-B-3A, 216-E

3B,AND 216-B-3C WASTE SITES

Data from: RMIS Records **Document No:** 0200E-CA-V0023
Revision No: 1 **Originator:** CURRY LR **Document Date:** 06-21-2002 **Alt Doc No:** 0200E-CA-V0023-001

WASTE SITE ADDITIONS OF 216-B-3A 216-B-3B & 216-B-3C

Data from: RMIS Records **Document No:** 216-B-3A **Document Date:** 09-08-1988

 216-B-3A POND SEEPAGE

Data from: RMIS RCRA **Document No:** 81222-91-037 **Originator:** SKELLY WA **Document Date:** 04-10-1991

 INFORMATION BULLETIN 216-B-3A POND BYPASS HANFORD SITE

Data from: RMIS TFI **Document No:** 9150002D **Originator:** WOJTASEK RD **Document Date:** 01-10-1991

 TRANSMITTAL OF VADOSE ZONE INVESTIGATION OF 216-B-3A 216-B-3B AND 216-B-3C PONDS REPORT

Data from: RMIS RCRA **Document No:** 9258146D **Originator:** JACKSON GW **Document Date:** 11-04-1992

 NEPA CATEGORICAL EXCLUSION DETERMINATION: PROJECT X-009 216-B-3A POND BYPASS 200 AREA HANFORD SITE RICHLAND WA

Data from: RMIS RCRA **Document No:** 9303463 **Originator:** WAGONER JD **Document Date:** 05-02-1993

 SUBMITTAL OF THE VADOSE ZONE INVESTIGATION OF 216-B-3A 216-B-3B AND 216-B-3C PONDS REPORT (D-2-5)

Data from: RMIS RCRA **Document No:** 9303473 **Originator:** BAUER JD, LERCH RE **Document Date:** 03-11-1993

 SUBMITTAL OF THE VADOSE ZONE INVESTIGATION OF 216-B-3A 216-B-3B AND 216-B-3C PONDS REPORT (D-2-5)

Data from: RMIS RCRA **Document No:** 9303473 **Originator:** BAUER JD, LERCH RE **Document Date:** 03-11-1993

 SUBMITTAL OF THE VADOSE ZONE INVESTIGATION OF 216-B-3A 216-B-3B AND 216-B-3C PONDS REPORT (D-2-5)

Data from: RMIS RCRA **Document No:** 9350915D **Originator:** JACKSON GW **Document Date:** 02-17-1993

 REVIEW OF PHASE 2 CHARACTERIZATION OF THE 216-B-3A AND -3C EXPANSION PONDS (D-2-5)

Data from: RMIS RCRA **Document No:** 9353723D **Originator:** PRICE SM **Document Date:** 05-04-1993

 DESCRIPTION OF WORK FOR PHASE II SAMPLING OF THE 216-B-3A, -3B, AND -3C EXPANSION PONDS

Data from: RMIS RCRA **Document No:** ECN 169776 **Originator:** BLUMENKRANZ DB **Document Date:** 10-05-1992

 SUPPL ECN TO DWG TO REMOVE HANDWHEEL OF SLIDE GATE NUMBER 6 TO COMPLETE PERMANENT ISOLATION OF 216-B-3A POND

Data from: RMIS Records **Document No:** ECN-198961 **Original**
MCDOWELL AK **Document Date:** 07-15-1994

216-B-3A POND ISOLATION

Data from: HDCS **Document No:** ECN-198961

DESCRIPTION OF WORK FOR PHASE II SAMPLING OF THE 2
B-3A, -3B, AND -3C EXPANSION PONDS

Data from: RMIS RCRA **Document No:** EDT 160317 **Originator**
BLUMENKRANZ DB **Document Date:** 09-14-1992

HANFORD POND 216-B-3A CROSS SECTION

Data from: EDMS **Document No:** H-2-821417 **Sheet No:** 1
Revision No: 0 **Document Date:** 06-15-2002

HANFORD POND 216-B-3A CROSS SECTION

Data from: HDCS **Document No:** H-2-821417 **Sheet No:** 1
Revision No: 0 **Document Date:** 12-19-1994

HANFORD POND 216-B-3A CROSS SECTION

Data from: RMIS Records **Document No:** H-2-821417 **Sheet No:**
Revision No: 0 **Document Date:** 12-19-1994

HANFORD POND 216-B-3A CROSS SECTION

Data from: SDF Document **Document No:** H-2-821417 **Sheet No:**
1 **Revision No:** 0 **Document Date:** 12-19-1994

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Questions: RILS Administ
RapidWeb Version

HWIS Interface - Well History Information - Current Status

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A5846	216-B-3A	CANDIDATE FOR DECOMMISSIONING	05/09/2002	FY 2008 admin decomm no survey coordinates

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING
A5846	216-B-3A	- No information available -					

Available Documents:

Well ID	Document Number	Document Type	Date	Description	Rev
Well ID: A5846, Well Name: 216-B-3A					
A5846	-- No information available --				

SUPPORTING DOCUMENT

1. Total Pages *174*

2. Title

Vadose Zone Investigation of 216-B-3A, 216-B-3B, and 216-B-3C Ponds
Vadose Zone Investigation of 216-B-3A, 216-B-3B, and 216-B-3C Ponds

3. Number

WHC-SD-EN-AP-104
WHC-SD-EN-AP-104

4. Rev No.

0

5. Key Words

Closure, Pond, Characterization, Soil sampling, 216-B-3 Pond, Wastewater

6. Author

Name: C.D. Kramer

Signature *C.D. Kramer* *9/30/92*

Organization/Charge Code 81353 / PV24B

APPROVED FOR PUBLIC RELEASE

7. Abstract

3/7/92 2:00
The B-Pond system on the Hanford Site in south-central Washington State is undergoing a series of investigations designed to determine if hazardous or dangerous waste remains in the soils and/or sediments. The pond system has been classified as a Resource Conservation and Recovery Act of 1976 unit, and is undergoing closure under the act. This report summarizes the findings from three temporary boreholes constructed to sample soil beneath the 216-B-3A, 216-B-3B, and 216-B-3C Ponds. These field activities comprise Phase 3 investigations as described in 216-B-3 Pond System Closure/Postclosure Plan (DOE 1990). Samples from each borehole were analyzed for a wide variety of organic and inorganic constituents. Representative constituent concentrations indicate vadose zone soils are not contaminated with Resource Conservation and Recovery Act of 1976 regulated hazardous and/or dangerous waste.

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10. RELEASE STAMP

OFFICIAL RELEASE
BY WHO *jk* (20)
DATE OCT 07 1992
sta. 21

9. Impact Level 3Q

93127510533

WHC-SD-EN-AP-104 Rev. 0

3.3 DESCRIPTION OF FIELD ACTIVITIES

3.3 DESCRIPTION OF FIELD ACTIVITIES

3.3.1 The 3A Pond

Several months before drilling, clean fill was used to construct a pad extending over a small portion of 3A Pond. This pad was located along the north shore of the pond, approximately 25 yd from the east corner.

Field sampling was initiated at the 3A Pond. The borehole, BH 3A-1, (later designated 699-43-411) penetrated the former pond bottom. The first sample submitted for chemical analysis was collected February 7, 1991. Samples were planned at 2-ft intervals for the first 10 ft below the former pond bottom and at decreasing intervals thereafter until reaching groundwater. All depths were referenced to the ground surface. The pond bottom was encountered at approximately 6.5 ft.

A cable tool drilling rig was used to drill the borehole. Drill rigs are decontaminated before use. Samples were collected using a 5-in. outside diameter stainless steel split tube with stainless steel liners. A 10-in. outside diameter, schedule 40 casing was first used, followed by 8- then 6-in. The 10-in. casing string was set at 20.4 ft. The 8-in. casing was set at 77.7 ft. Samples were collected per procedures of the *Environmental Investigations and Site Characterization Manual*, WHC-CM-7-7 (WHC 1989b). Samples for chemical analysis were placed in supplier-cleaned glass bottles.

Samples were screened for radioactivity using hand-held instruments. A field photoionization detector (PID) was used to monitor for organic vapors. No evidence of radioactive or organic contamination was found. Aliquots submitted to an onsite laboratory also revealed no evidence of radioactive contamination. All aliquots were found to be below applicable administrative limits for release from all radiologic controls. Applicable limits during the project were detectable readings above background with field instruments or laboratory results exceeding either 60 $\mu\text{Ci/g}$ alpha or 200 $\mu\text{Ci/g}$ total activity, including beta/gamma.

Gross gamma logging was performed on three separate days:

<u>DATE</u>	<u>LOG INTERVAL (FT)</u>
February 8, 1991	5-19
February 20, 1991	4-79
March 1, 1991	45-142.

Larger cobbles and boulders made drilling difficult at approximately the 100-ft level. After samples B00G78 and B00G79 were collected (101.0-102.2 ft), hardtooling was first employed. This required the addition of some raw (Columbia River) water to the borehole. Drilling improved below 105 ft, and hardtooling was discontinued. A small amount (approximately 0.5 gal) of raw water was required at 112 ft to get recovery in the core barrel. The next sample interval was 120.7-123.2 ft, sample B00GV0.

The final sample from the 3A Pond borehole was collected February 28, 1991 from a recorded depth of 142.75-143.85 ft. Recovery in the split spoon

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WHC-SD-EN-AP-104 Rev. 0

was estimated at only 50 percent. Observations in the field log note the sample as "very wet." The water level was measured at 142.75 ft from the surface. Later, the casing was removed, and the borehole was backfilled, abandoned, and marked according to standard procedures—*Plugging and Abandoning Characterization Boreholes* Environmental Investigation Instruction (EII) 6.5 (WHC 1989b).

3.3.2 The 3B Pond

A cleaned cable tool drilling rig was set up at 3B Pond in late February 1991. The borehole, BH 3B-1, (later designated 699-42-41B) was located in the center of the dry lobe. Drilling equipment was routinely cleaned per EII 5.4 (WHC 1989b) before delivery/use at the site. Likewise, direct contact sampling equipment (split tube assemblies, bowls, spoons, etc.) is specially cleaned before use per EII 5.5, *1706 KE Laboratory Decontamination of RCRA/GERCLA Sampling Equipment*, (WHC 1989b).

Sampling was initiated March 4, 1991. The first sample, BOOGV6, was collected with a split tube over the 0 to 2-ft interval. Recovery of sample BOOGV6 and the next two samples was estimated at 50 percent because of the coarse gravelly nature of the soil. Finer material was found below a depth of 7 ft.

Drilling method and sampling frequency were similar to the other two boreholes. Samples were planned at 2-ft intervals for the first 10 ft and at decreasing intervals thereafter until reaching groundwater. Samples were collected as previously described for the 3A Pond, except that there was no fill material overlying the area to be investigated. All depths were referenced to the ground surface. The 10-in. casing string was set at 21.1 ft. The 8-in. casing was set at 78.2 ft. Samples were screened with field instruments for radioactivity and/or hazardous organic vapors. No evidence of radioactivity or organic vapors was found.

Gross gamma logging of the 3B Pond borehole was also performed on the following three separate days:

<u>DATE</u>	<u>LOG INTERVAL (FT)</u>
March 6, 1991	5-21
March 11, 1991	4-79
March 19, 1991	45-122.

The borehole was advanced by drive barrel to approximately 74 ft before it was necessary to add any water. Only 1 gal of raw water was added to progress drilling. This was about 6 ft above the next sample interval, 79.8 - 81.5 ft. Two samples, BOOGY1 and BOOGY2, were taken for chemical analysis from the bottom two liners at this next interval.

A sample for physical analysis, BOOGZ0, was collected from an interval beginning at 83.0 ft. Although recovery in the split tube was good (est. 75 percent), there was insufficient volume for a representative grain size analysis because of the amount of cobble. Sample BOOGZ1 was subsequently

3 1 2 7 5 1 0 6 0 3

WHC-SD-EN-AP-104 Rev. 0

collected from the 5-in-diameter drive-barrel cleanout and submitted for grain size. Collected from the 5-in-diameter drive-barrel cleanout and submitted for grain size.

Hard-tool drilling was required at 95-103 ft and at 109-113 ft. Thirty gallons of raw water were used. Samples for chemical analysis potentially affected by added raw water are B00GZ3, B00GZ4, and B00GZ6. In each case, several feet of soil remained above the respective intervals when the last of the water was added.

The final sample, B00GZ8, a wet silt, was collected March 18, 1991. Final depth of the borehole was 124.7 ft. The casing was later pulled and the borehole abandoned per standard procedures (WHC 1989b, EII 6.5).

3.3.3 The 3C Pond

Sampling in 3C Pond began on March 15, 1991. The borehole, BH 3C-1, (later designated 699-41-4) was located on dry ground between trenches in the northwest quadrant of the lobe. The water surface in the adjacent trench was several feet below ground level at the borehole. The 3C Pond (a series of trenches) was in active use at the time of this investigation, similar to 3A Pond.

Drilling and sampling methods were identical to those previously described. As with boreholes drilled earlier, sampling was more frequent in the top portion of the borehole. Field monitoring of the samples showed no radioactivity or hazardous organic vapors. Five samples were collected in the first 10 ft. Samples for chemical analysis were collected using a 5-in. outside-diameter split tube sampler. The 10-in. casing string was set at 32.1 ft. An 8-in. casing was used for the remainder of the borehole.

Most of the borehole was wet. Early samples were damp, but moisture appeared to increase at about 18 ft. When drilling started at 19 ft, March 20, there was no standing water in the hole. However, some difficulty was experienced keeping material in the drive barrel. Moisture was a factor. Poor sample recovery limited planned analyses in the 20-25 ft range. On the morning of March 21, there was standing water in the hole. The starting depth was 27.8 ft. Moist conditions abated, but did not cease for the remainder of the borehole.

Gross gamma logging at the 3C Pond was performed on two days as follows:

<u>DATE</u>	<u>LOG INTERVAL (FT)</u>
March 22, 1991	5-32
March 28, 1991	0-77.

Soil below 74 ft was noticeably wetter. Intermittent saturated zones were experienced to 80 ft. It was decided to terminate the borehole at this level because of continuing high moisture conditions. Final depth of the borehole was 80.9 ft.

3 3 1 2 7 6 1 0 6 0 4

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The casing was removed and the borehole filled and abandoned in accordance with standard procedures (WHC 1989b, EII 6.5). As with previous sites, a brass survey marker was placed at the location.

Sample BOOGS5, originating from the borehole at the 3C Pond, was later reported by the laboratory as sample BOOGS. Based on date of submittal, analyses requested, and review of documentation associated with the sample this was determined to be simply a typographical error on the part of the laboratory and will not affect interpretation of the results.

3 1 2 7 5 1 0 6 0 5

216-B-3B
A5847

WELL ATTRIBUTES REPORT

ELD ORDER NO _____
WELL ID A5847
WELL NAME 216-B-3B
HOST WELL ID _____

CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING _____
EASTING _____
ELEVATION _____

LAST INSPECTION INFORMATION				CURRENT INSPECTION INFORMATION			
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BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
LAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> MINOR <input checked="" type="checkbox"/> ND*	SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> MINOR
LAST PUMP INFORMATION				CURRENT PUMP INFORMATION			
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input checked="" type="checkbox"/> ND*	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input type="checkbox"/> REMOVED
PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
ACTIVITY PERFORMED BY	ND*			ACTIVITY PERFORMED BY			
DATE ACTIVITY PERFORMED	ND*			DATE ACTIVITY PERFORMED			
PUMP TYPE	ND*			PUMP TYPE			
PUMP MAKE	ND*			PUMP MAKE			
PUMP MODEL	ND*			PUMP MODEL			
PUMP INTAKE DEPTH (ft)				PUMP INTAKE DEPTH (ft)			
TUBING SIZE (in)				TUBING SIZE (in)			
TUBING MATERIAL	ND*			TUBING MATERIAL			
TUBING LENGTH (ft)				TUBING LENGTH (ft)			
TUBING CONNECTION	ND*			TUBING CONNECTION			

HWIS Interface - Well History Information - Current Status

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A5847	216-B-3B	CANDIDATE FOR DECOMMISSIONING	05/09/2002	FY 2008 admin decomm no survey coordinates

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING
A5847	216-B-3B	-- No information available --				

Available Documents:

Well ID	Document Number	Document Type	Date	Description	Rev
Well ID: A5847, Well Name: 216-B-3B					
A5847	-- No information available --				

216-B-3C
A5848

HWIS Interface - Well History Information - Current Status

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A5848	216-B-3C	CANDIDATE FOR DECOMMISSIONING	05/09/2002	FY 2008 admin decomm no survey coordinates

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING
A5848	216-B-3C	-- No information available --				

Available Documents:

Well ID	Document Number	Document Type	Date	Description	Rev
Well ID: A5848, Well Name: 216-B-3C					
A5848	-- No information available --				

B2537

B2537

WELL ATTRIBUTES REPORT

WELL ID	B2537	NORTHING	149812.498	FIELD ORDER NO	
WELL NAME	B2537	EASTING	571541.51	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION		CONST DATE	
GW OPERABLE UNIT	100-NR-2	DRILL DATE		CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT	116-N-1				
WM PLAN(S)					
WASTE STORAGE(S)					

LAST INSPECTION INFORMATION			CURRENT INSPECTION INFORMATION		
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO		
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO		
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO		
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO		
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO		
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO		
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO		
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO		
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO		
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO		
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO		
SURFACE EROSION	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> ND <input type="checkbox"/> MINOR <input type="checkbox"/> NONE	SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> NONE		
LAST PUMP INFORMATION			CURRENT PUMP INFORMATION		
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input checked="" type="checkbox"/> ND <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED		
ACTIVITY PERFORMED BY		ACTIVITY PERFORMED BY			
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED			
PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO		
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO		
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO		
PUMP TYPE		PUMP TYPE			
PUMP MAKE		PUMP MAKE			
PUMP MODEL		PUMP MODEL			
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)			
LAST TUBING INFORMATION			CURRENT TUBING INFORMATION		
TUBING SIZE (in)		TUBING SIZE (in)			
TUBING MATERIAL		TUBING MATERIAL			
TUBING LENGTH (ft)		TUBING LENGTH (ft)			
TUBING CONNECTION		TUBING CONNECTION			
LAST MEASUREMENT INFORMATION			CURRENT MEASUREMENT INFORMATION		
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)			
DEPTH TO WATER DATE		DEPTH TO WATER DATE			
DEPTH TO BOTTOM(ft)		DEPTH TO BOTTOM(ft)			
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE			
STICK UP(ft)		STICK UP(ft)			
REFERENCE MARK(ft)		REFERENCE MARK(ft)			
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO		

WELL ATTRIBUTES REPORT

WELL ID	B2537	NORTHING	149812.498	FIELD ORDER NO	
WELL NAME	B2537	EASTING	571541.51	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION		CONST DATE	
GW OPERABLE UNIT PROGRAMS	100-NR-2	DRILL DATE		CONST DEPTH	
WASTE SITES 50FT WM PLAN(S)	116-N-1				
WASTE STORAGE(S)					

WELL ATTRIBUTE COMMENTS

.....

.....

.....

CASING INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED

CHANGES

.....

.....

SCREEN INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	SLOT SIZE/UNITS	REMOVED

CHANGES

.....

.....

PERFORATION INFORMATION

CASING SIZE/UNITS	TOP/BOT/UNITS	CUTS/FT/ROUND	REMOVED

CHANGES

.....

.....

Howard, Bonnie J

From: Worley, Scott H
Sent: Thursday, January 03, 2008 8:23 PM
To: Howard, Bonnie J
Cc: Rafuse, Edward C
Subject: B2537 is 199-N-108A

Bonnie,

If these records are correct B2537 records need to be moved into well 199-N-108A and B2537 Admin. Decom and removed from the decommissioning list?

Mr. Rafuse is verifying

HWIS Interface - Activity and Location Information - Relative Location Information

WELL_ID	WELL_NAME	CLOSURE_ZONE	GW_AREA_OF_INTEREST	ELEVATION	NORTHING	EA
B2537	B2537		100-NR-2		149812.498	571
B2750	199-N-108A		100-NR-2		149812.498	571

start card res prot D-V report

B2536

199-N-107 A James

Decomm V 2000

Well B2736

1301 N trench

B2539

B2539

Admin Decom V

WELL ATTRIBUTES REPORT

WELL ID	B2537	NORTHING	149812.498	FIELD ORDER NO	
WELL NAME	B2537	EASTING	571541.51	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION		CONST DATE	
GW OPERABLE UNIT	100-NR-2	DRILL DATE	1/1/1801	CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT	116-N-1				
WM PLAN(S)					
WASTE STORAGE(S)					

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
SURFACE EROSION	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> ND <input type="checkbox"/> MINOR <input type="checkbox"/> NONE	SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> NONE
LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input checked="" type="checkbox"/> ND <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED
ACTIVITY PERFORMED BY		ACTIVITY PERFORMED BY	
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED	_/_/
PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TYPE		PUMP TYPE	
PUMP MAKE		PUMP MAKE	
PUMP MODEL		PUMP MODEL	
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)	
LAST TUBING INFORMATION		CURRENT TUBING INFORMATION	
TUBING SIZE (in)		TUBING SIZE (in)	
TUBING MATERIAL		TUBING MATERIAL	
TUBING LENGTH (ft)		TUBING LENGTH (ft)	
TUBING CONNECTION		TUBING CONNECTION	
LAST MEASUREMENT INFORMATION		CURRENT MEASUREMENT INFORMATION	
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)	
DEPTH TO WATER DATE		DEPTH TO WATER DATE	_/_/
DEPTH TO BOTTOM(ft)		DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE	_/_/
STICK UP(ft)		STICK UP(ft)	
REFERENCE MARK(ft)		REFERENCE MARK(ft)	
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE
B2537	B2537	01/01/1801					

HWIS Interface - Well History Information - Current Status

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
B2537	B2537	CANDIDATE FOR DECOMMISSIONING	05/09/2002	Potentil multiple casing Immed. South of River And Dunes WIDS site within 100 M Well exists per HWIS 05 2005

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
B2537	B2537	UNKNOWN	NAD83(91)	01/01/1801	ESTIMATED	149812.498	571541.51	m	P

WELL CONSTRUCTION SUMMARY REPORT

Specification No. 0000X-SP-C0002 Rev. No. 0

Well No. B2537 Temp. Well No. NA

ECNs _____

Approximate Location 1301N Trench

Project 1301N/1325N Crib Characterization

Drill Method Cable tool

Drilling Company Water Development Hanford Co.

Drilling Fluid None

Driller G. Howell, M. Wraspir

Total Amount of Water Added During Drilling None

Other (Companies) _____

Comments Drive barrel and split spoon samplers used to collect samples.

Geologist(s) D.C. Weekes

Date Started 11/6/95

Geophysical Logging		
Sondes (type)	Interval	Date
HPGE	0 - 37.4'	11/13/95
10% HPGE	0 - 37.4'	11/13/95
Neutron porosity (APS)	0 - 37.4'	11/13/95
HNGS	0 - 37.4'	11/13/95
LDS	0 - 37.4'	11/14/95
+		

Temporary Casings and Drilled Depth		
Casing Type and Size	Interval	Shoe OD
9 3/4" x 10 3/4" OD threaded c.s.	0.6' - 36.4'	10 3/4"
8" nom. threaded c.s.	0 - 70.8'	8 3/4"
Drilled Depth	72.5' 11-16-95	Hole Diameter at TD 7"

Static Water Level/Date 72.0' / 11-16-95

Comments _____

Casing and Screen (Permanent)				Annular Seal/Filter Pack			
Type	Depth	Length	Slot Size	Type	Interval	Volume	Mesh Size
Concrete pad and post around outer casing							

Other Activity

Aquifer Test Performed? _____

Type _____ Date _____

Well Abandoned? _____

Date _____

Well Survey Date

Date 1/24/96

Washington State Prime Coordinates N149812.50, E571541.51 (meters)

Protective Casing Elevation 140.296 meters (NAVD88)

Brass Cap Elevation 140.254 meters (NAVD88)

Comments/Remarks Site specific procedure B2537-PROC-002 used to control work.
+ HNGS, APS, RST, and LDS run by Schlumberger 12/5/95 0-72.5'
WHC ran HPGE on 12/1/95 and 12/4/95 0-72.5'

BOREHOLE LOG

Boring or Well No. R2537
 Sheet 1 of 10

Location 1301N Trench

Project 1301/1325N Crib Characterization

Prepared By DC Weekes DC Walker Date 11/7/95
 (Sign/Print Name)

Reviewed By AD Walker L.D. Walker Date 1-31-96
 (Sign/Print Name)

Depth (ft)	Sample		Graphic Log	Sample Description Group Name, Group Symbol, Grain Size Distribution, Soil Classification, Color, Moisture Content, Sorting, Angularity, Mineralogy, Max Particle Size, Reaction to HCl	Comments Depth of Casing, Drilling Rate, Casing Size & Type, Bit Size, Water Level
	Type and No.	Blows or Recovery			
1	9" Drive Barrel		[Graphic Log: 0.2 to 0.8 ft]	BACKFILL - Silty Sandy GRAVEL, 50% gravel, 40% sand, 10% silt, dark brown-gray, moist, poorly sorted, A-SA, 80% basalt, 20% other (gts, granite), 6" maximum particle size, no HCl test made	Installing 9 3/4" ID x 10 3/4" OD threaded carbon steel casing (11/6/95).
2					End of shift 11/6/95 (2 ft)
3	8 3/4" Drive Barrel		[Graphic Log: 0.8 to 4.5 ft]		
4					
5					<d BY @ 4.5 ft
				Large cobble at 5 ft	
6				As above except A-R, dry, large cobbles	
7					<d BY @ 7 ft
				As Above	
				contact @ 8 ft	<d BY @ 8 ft

D-1-2

BOREHOLE LOG

Boring or Well No. B2537

Sheet 3 of 10

Location 1301 N Trench

Project 1301/1325 N Crib Characterization

Prepared By DC Weekes *DC Weekes* Date 11/10/95
(Sign/Print Name)

Reviewed By AD Walker / L.D. Walker Date 1-31-96
(Sign/Print Name)

Depth (ft)	Sample		Graphic Log	Sample Description Group Name, Group Symbol, Grain Size Distribution, Soil Classification, Color, Moisture Content, Sorting, Angularity, Mineralogy, Max Particle Size, Reaction to HCl	Comments Depth of Casing, Drilling Rate, Casing Size & Type, Bit Size, Water Level
	Type and No.	Blows or Recovery			
17	Chem sample		0.0		2225 Lab samp - BOGLD2
	8 3/4" Drive barrel		0.0		Bottom of ss 10,000 dpm BT
			0.0		50,000 dpm BT, < 20 dpm*
			0.0		250,000 dpm 11/10/95
18	6mb PR chip PH		0.0	As Above: Increased gravel content to ~20%, sand 10%, silt 20%. <i>15 dpm/96</i> <i>15 dpm/96</i>	2-5 mR/hr BT Archive, phys grab, & chem grab taken 11/9/95
			0.0		PH-BOGL76 (Analysis)
			0.0		2225 Lab samp - BOGLD5
19			0.0		Sampler was getting 300,000 dpm on soil in glove box and 3mR/hr @ 18'
20			0.0		19.5' 30,000 dpm BT, < 20 dpm*
			0.0		20' 45,000 dpm BT, < 20 dpm*
21			0.0		
			0.0	Geophysical logs suggest Δ in lithology to sand at ~21 ft instead of at 22 ft.	
22			0.0		21.5' 150,000 dpm BT, < 20 dpm*
			0.0		
			0.0	Δ in lithology ~ 22 ft.	
23			0.0		23' 50,000 dpm BT
			0.0		End of shift 11/9/95 23 ft.
	4" ss 100% Recovery 23'-25'		0.0	SAND: 100% sand, <i>very fine</i> dark brown, moist, <i>well sorted</i> random pebble occasionally possible silt content, <i>moderately</i> consolidated, <i>massive</i>	2225 Lab Sample - BOGLD3 "C" liner used for chem/rad samples. Quanterra BOGL73
	CH(0.1m) BOGL73		0.0		

BOREHOLE LOG

Boring or Well No. B2537
 Sheet 4 of 10

Location 1301 N Trench

Project 1301/1325 N Crib Characterization

Prepared By DC Weekes *DC Weekes* Date 11/15/95
(Sign/Print Name)

Reviewed By L.D. Walker *L.D. Walker* Date 1-31-96
(Sign/Print Name)

Depth (ft)	Sample		Graphic Log	Sample Description <small>Group Name, Group Symbol, Grain Size Distribution, Soil Classification, Color, Moisture Content, Sorting, Angularity, Mineralogy, Max Particle Size, Reaction to HCl</small>	Comments <small>Depth of Casing, Drilling Rate, Casing Size & Type, Bit Size, Water Level</small>
	Type and No.	Blows or Recovery			
24	Phy Prop BOGLT6	Phys 11/15/95	[Dotted pattern]	Rad levels decrease with depth in split spoon using 6M; 23' 89,000 dpm BK (644)	Liner for phy props 24'-24.5'
24.5	Archive (jar)	Phys 11/15/95		23.5'-24' 40,000 dpm BK, 24.5' 30,000 dpm BK, 25' 15,000 dpm BK.	Highest reading 80,000 dpm at 24.5'
25					Archive @ 25 in jar Moisture tin @ 25' (A" liner) (BOGLT4)
26					40,000 dpm BK, < 20 dpm BK @ 26 ft.
27				Geophysical logs suggest Δ in lithology at 27 ft.	30,000 dpm BK, < 20 dpm BK @ 26.5 ft.
28	Grab PH BOGLT7		[Dotted pattern]	Δ in lithology ~ 27.5 ft	2225 Lab sample - BOGLD6 Phy Prop (PSA) in jar Archive and moisture 7,000 dpm BK @ 28 ft.
29				Sandy GRAVEL, 75% Gravel, 20% Sand, 5% silt, Gravel is rounded basalt, v poorly sorted, max particle size ~ 4" (broken), brown, moist	
30					5,000 dpm BK @ 29.5 ft
31					6,000 dpm BK @ 30.5 ft 5,000 dpm BK @ 31 ft
32				Contact @ 32 ft (minor)	

BOREHOLE LOG

Boring or Well No. B2537

Sheet 5 of 10

Location 1301N Trench

Project 1301/1325N Crib Characterization

Prepared By DC Weekes *DC Weekes* Date 11/15/95
(Sign/Print Name)

Reviewed By AR Walker / L.D. Walker Date 1-31-96
(Sign/Print Name)

Depth (ft)	Sample		Graphic Log	Sample Description <small>Group Name, Group Symbol, Grain Size Distribution, Soil Classification, Color, Moisture Content, Sorting, Angularity, Mineralogy, Max Particle Size, Reaction to HCl</small>	Comments <small>Depth of Casing, Drilling Rate, Casing Size & Type, Bit Size, Water Level</small>
	Type and No.	Blows or Recovery			
32	GRAB AR, PH, CH BOGLTB		0'-0" to 0'-6" (dots)	Silty Sandy GRAVEL: 40% gravel, 55% sand, 2-35% silt, gravel is SR-R with broken clasts up to 4", 95-100% base ft grav, slightly damp, v poorly sorted, unconsol.	GRAB @ 32.5 ft. 5,000 dpm BT @ 32.5 ft. 2225 Lab sample - BOGL07
33			0'-6" to 0'-12" (dots)		3,000 dpm BT @ 33.5 ft
34			0'-12" to 0'-18" (dots)		
35			0'-18" to 0'-24" (dots)		2,000 dpm BT @ 34.5 ft
36	AR B2537-36		0'-24" to 0'-30" (dots)	As Above	<50 dpm BT @ 36 ft End of shift 11/10/95
37			0'-30" to 0'-36" (dots)		
38			0'-36" to 0'-42" (dots)		Casing is 9 3/4" ID x 10 3/4" OD. Rove casing to 36.4' and drilled to 37.5' 11/13/95, logged casing with spectral gamma and other. End of shift 11/13/95 37.5' Drilling started again on 11/15/95. Installed 8" nominal threaded carbon steel casing
39			0'-42" to 0'-48" (dots)	Hanford/Ringold contact @ ~39 ft based on geophysical logs (Ringold has higher K content, higher thorium, large decrease in porosity and increase in moisture.	1,500 dpm BT @ 39 ft

BOREHOLE LOG

Boring or Well No. B2537

Sheet 6 of 10

Location 1301 N Trench

Project 1301/1325 N Crib Characterization

Prepared By DC Weekes / DC Weekes Date 11/16/95
(Sign/Print Name)

Reviewed By L.D. Walker / L.D. Walker Date 1-31-96
(Sign/Print Name)

Depth (ft)	Sample		Graphic Log	Sample Description <small>Group Name, Group Symbol, Grain Size Distribution, Soil Classification, Color, Moisture Content, Sorting, Angularity, Mineralogy, Max Particle Size, Reaction to HCl</small>	Comments <small>Depth of Casing, Drilling Rate, Casing Size & Type, Bit Size, Water Level</small>
	Type and No.	Blows or Recovery			
41	7" Drive Barrel				
42	7" Drive Barrel				Handford/Ringold contact not distinguishable during drilling. 1,500 dpm BY @ 40.5 ft
43	BOGLB1 CH Quanterra (42'-44') BOGLB2 PH stainless steel lines BOGLB3 moisture AR	90% recovery (SS)		Silty Sandy GRAVEL: 50% gravel, 25% sand, 15% silt, brown, v. poorly sorted, moist; gravel is R (when unbroken), 40% basalt, 60% quartz, granite and others, max particle size is ~3 in, partly consolidated "Ringold" E	< det dpm BY @ 41.5 ft 1,000 dpm BY @ 42 ft All material < background (which is 400 cpm BY in 10')
44	7" Drive Barrel				
45	7" Drive Barrel				
46	7" Drive Barrel				
47	AR, CH, PH BOGLB2 7" Drive Barrel			As above except drier, max part. size is 4.5"	< 1,000 dpm BY @ 46.5 ft moisture content sample taken 2225 Lab sample - BOGLD9 Quanterra sample not taken. < det BY @ 47 ft
					< 1,000 dpm BY @ 48 ft.

BOREHOLE LOG

Boring or Well No. B2537

Sheet 7 of 10

Location 1301 N Trench

Project 1301/1325 N Crib Characterization

Prepared By DC Weekes Date 11/16/95
(Sign/Print Name)

Reviewed By AD Walker / L.D. Walker Date 1-31-96
(Sign/Print Name)

Depth (ft)	Sample		Graphic Log	Sample Description <small>Group Name, Group Symbol, Grain Size Distribution, Soil Classification, Color, Moisture Content, Sorting, Angularity, Mineralogy, Max Particle Size, Reaction to HCl</small>	Comments <small>Depth of Casing, Drilling Rate, Casing Size & Type, Bit Size, Water Level</small>		
	Type and No.	Blows or Recovery					
48	7" Drive Barrel		0.0		Using "8" casing.		
49			0.0	Large cobble @ ~49 ft			
50			0.0	Contact @ 50 ft based on geophysical logs.		<1,000 dpm Bt @ 50 ft	
51			0.0			<1,000 dpm Bt @ 51 ft	
52		AR, PH, CH, mois. B06L83		0.0		SAND: vf-f, 100% sand, tr small pebble, brown, slightly moist, well sorted, max part ~1 in.	1,000 dpm Bt <1,000 dpm Bt B06LFO 2225 Lab sample - B06L83 11/17/95
53		7" Drive Barrel		0.0			
54				0.0			
55				0.0			
				0.0			
				0.0			<1,000 dpm Bt @ 55 ft

BOREHOLE LOG

Boring or Well No. B2537
 Sheet 8 of 10

Location 1301N Trench

Project 1301/1325N Crib Characterization

Prepared By DC Weekes / L.D. Walker Date 1/16/95
(Sign/Print Name)

Reviewed By L.D. Walker Date 1-31-96
(Sign/Print Name)

Depth (ft)	Sample		Graphic Log	Sample Description <small>Group Name, Group Symbol, Grain Size Distribution, Soil Classification, Color, Moisture Content, Sorting, Angularity, Mineralogy, Max Particle Size, Reaction to HCl</small>	Comments <small>Depth of Casing, Drilling Rate, Casing Size & Type, Bit Size, Water Level</small>
	Type and No.	Blows or Recovery			
56	7" Drive Barrel		•••••		
57	AR <small>no Weisid</small>		•••••	SAND: AS ABOVE	2,000 dpm BF @ 57 ft
58	7" Drive Barrel		•••••		8,000 dpm BF @ 58 ft
59	PH, AR BOGLB4		•••••	Contact @ 59 ft based on geophysical logs.	
60	7" Drive Barrel		•••••	Sandy GRAVEL: 40% gravel, 60% sand, moist, dark brown, poorly sorted, SR-R, 40% bas, 60% qtz, granite, & other, max part size ~ 3 in	(10,000 dpm BF @ 59.5 ft) 1,000 dpm BF, moist taken Sample depth 59.5' 2225 Lab sample - BOGLF1
61	7" Drive Barrel		•••••		End of shift @ 60.5 1/1/95
62			•••••	Slight Δ in lithology @ 62 ft.	
63	Moist. x AR PH BOGLB5 CH BOGLB6	Rcvd 1.5' (83%) SS 62'-63.8'	•••••	Silty sandy GRAVEL: 70% gravel, 15% sand, 15% silt, brown, dry, poorly sorted, SR-R, 40% bas, 60% qtz, granite, & other, max part size ~ 3", white powder common (maybe CaCO ₃).	7,000 dpm BF @ 62 ft BOGLB5 2225 Lab sample - BOGLF2 A" liner used for Quanterra B" liner used for Phy Props C" liner used for moisture tin and archive samples. up to 5,000 dpm BF in glove box.
63.8			•••••		

BOREHOLE LOG

Depth or Well No. B2537

Sheet 10 of 10

Location 1301N Trench

Project 1301/1325N Gib Characterization

Prepared By D. Weckes Date 11/17/95
(Sign/Print Name)

Reviewed By A. Weckes / L. D. Walker Date 1-31-96
(Sign/Print Name)

Depth (ft)	Sample		Graphic Log	Sample Description Group Name, Group Symbol, Grain Size Distribution, Soil Classification, Color, Moisture Content, Shrinkage, Atterberg, Liquid Limit, Max. Permissible Shrinkage, Reference to HCl	Comments Depth of Casing, Drilling Area, Casing Size & Type, Bit Size, Water Level
	Type and No.	Spore or Recovery			
72	7" Drive Barrel				Total depth 72.5 ft 11/16/95
73					Bottom of 8" casing at 70.8 ft. End of shift 11/16/95
74					
75					
76					
77					
78					
79					

WELL SUMMARY SHEET

Boring or Well No. B2537

Sheet 1 of 1

Location 1301N Trench

Project 1301/1325N Crib Characterization

Reviewed By _____

CONSTRUCTION DATA		Depth In Feet	Graphic Log	GEOLOGIC/HYDROLOGIC DATA	
Description	10" Diameter			Lithologic Description	
10-in threaded carbon steel casing to 36.4 ft, flush shoe.		5		0-8' Silty Sandy GRAVEL (Backfill)	
8-in threaded carbon steel casing to 70.8 ft, flush shoe.		10		8-14' Silty GRAVEL (Hanford)	
		15		14'-14.5' Sand lens	
		20		14.5'-21' Silty Sandy GRAVEL	
		25		21'-27' Sand (f-vf)	
		30		27'-32' Sandy GRAVEL (Hanford)	
		35		32'-39' Silty Sandy GRAVEL (Ringold "E")	
Concrete pad placed around 10" casing 1/11/96. Material was removed from around the 10" casing to a depth of 3 ft.		40		Hanford/Ringold contact @ 39'	
		45		39'-50' Silty Sandy GRAVEL (Ringold "E")	
		50			
		55		50'-59' Sand (f-vf)	
		60		59'-62' Sandy GRAVEL	
		65		62'-66.5' Silty Sandy GRAVEL	
		70		66.5'-68.5' Sand (vc-m)	
		75		68.5'-72.5' Silty Sandy GRAVEL	
		80		Water @ 72 ft 11/16/95	
				TD = 72.5 ft 11/16/95	

From: Borghese, Jane V
Sent: Monday, May 17, 1999 8:40 AM
To: Mercer, Richard B (Rich); Jackson, Ronald L; Zoric, Joseph P (Joe); Diediker, Larry P
Cc: Buckmaster, Mark A; Henckel, George C III; Ford, Bruce H; Borghese, Jane V; Raidl, Robert F; Cook, Kelly E; ^BHI Document & Info Services
Subject: Wells affected by 100-N Crib Remediation

OU: 100-NR-2
SC: 8960
TSD: N/A

Hi Rich, Ron, Joe and Larry,

Nine 100-N Area wells have been identified that will be affected by the 100-N Crib Remediation. These wells are: 199-N-35, 199-N-45, 199-N-38, 199-N-43, 199-N-109A, 199-N-12, 199-N-108A, 199-N-9, 199-N-107A.

Please identify which wells are being used by your programs and let me know by Thursday 5/20.

Thanks,
Jane

B2537

WATER WELL REPORT

STATE OF WASHINGTON

Start Card No. A32084

UNIQUE WELL I.D. # See attached list

Water Right Permit No. N/A

OWNER: Name U.S. Dept. of Energy Address 825 Tadwin Ave., Richland, Wash.

LOCATION OF WELL: County Benton 1/4 NE 1/4 Sec 28 T. 14 N. R. 26E W.M.

(2a) STREET ADDRESS OF WELL (or nearest address): 1301-1325 N Cribb ERA, 100N Area, Hartford Site

(3) PROPOSED USE: Domestic Industrial Municipal
 Irrigation Test Well Other
 DeWater

(4) TYPE OF WORK: Owner's number of well (if more than one) see attached list
 Abandoned New well Method: Dug Bored
 Deepened Cables Driven
 Reconditioned Rotary Jetted

(5) DIMENSIONS: Diameter of well _____ inches.
 Drilled _____ feet. Depth of completed well _____ ft.

(6) CONSTRUCTION DETAILS:
 Casing installed: _____ Diam. from _____ ft. to _____ ft.
 Welded _____
 Liner installed _____ Diam. from _____ ft. to _____ ft.
 Threaded _____ Diam. from _____ ft. to _____ ft.

Perforations: Yes No
 Type of perforator used _____
 SIZE of perforations _____ in. by _____ in.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.

Screens: Yes No
 Manufacturer's Name _____
 Type _____ Model No. _____
 _____ diam. Slot size _____ from _____ ft. to _____ ft.
 _____ diam. Slot size _____ from _____ ft. to _____ ft.

Gravel packed: Yes No Size of gravel _____
 Gravel placed from _____ ft. to _____ ft.

Surface seal: Yes No To what depth? _____ ft.
 Material used in seal _____
 Did any strata contain unusable water? Yes No
 Type of water? _____ Depth of strata _____
 Method of sealing strata off N/A

(7) PUMP: Manufacturer's Name _____
 Type: _____ H.P. _____

(8) WATER LEVELS: Land-surface elevation above mean sea level _____ ft.
 Static level _____ below top of well Date _____
 Artesian pressure _____ lbs. per square inch Date _____
 Artesian water is controlled by _____ (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
 Was a pump test made? Yes No If yes, by whom? _____
 Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.

Time	Water Level	Time	Water Level	Time	Water Level

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)
 Date of test _____
 Bailor test _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Airtest _____ gal./min. with stem set at _____ ft. for _____ hrs.
 Artesian flow _____ g.p.m. Date _____
 Temperature of water _____ Was a chemical analysis made? Yes No

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

MATERIAL	FROM	TO
<u>see attached</u>		
<u>Borehole log</u>		
<u>Well Construction Summary Reports</u>		
<u>Well Summary Sheets</u>		
<u>Well # location Unique I.D.#'s</u>		
<u>1) 1301 N Crib - B2536</u>		<u>76'</u>
<u>2) 1301 N Crib - B2537</u>		<u>72.5'</u>
<u>3) 1325 N Crib - B2539</u>		<u>64.5'</u>

Work Started 9/10/95, 19. Completed 1/24, 1996

WELL CONSTRUCTOR CERTIFICATION:

I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME Water Development Hartford
(PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)
 Address P.O. Box 4194, W. Richland, WA.
 (Signed) Zyle G. Giner License No. 2277
(WELL DRILLER) 1994 1224

Contractor's Registration No. 601-659-837 Date 5/97, 1994

(USE ADDITIONAL SHEETS IF NECESSARY)

Ecology is an Equal Opportunity and Affirmative Action employer. For special accommodation needs, contact the Water Resources Program at (206) 407-6600. The TDD number is (206) 407-6006.

The Department of Ecology does NOT warrant the Data and/or the Information on this Well Report

WELL CONSTRUCTION SUMMARY REPORT

Page 1 of 1

Specification No. 0000X-SP-C0002 Rev. No. 0

Well No. B2537 Temp. Well No. NA

ECNs _____

Approximate Location 1301 N Trench

Project 1301/1325 N Crib Characterization

Drill Method _____

Drilling Company Water Development Co.

Type Cable tool

Driller B. Howell, M. Wraspir

Drilling Fluid None

Other (Companies) _____

Total Amount of Water Added During Drilling None

Geologist(s) D.C. Weekes

Comments Drive barrel and split spoon samplers used to collect samples

Date Drilling Started 11/6/95

Temporary Casings and Drilled Depth		
Casing Type and Size	Interval	Shoe OD
9 3/4" ID x 10 3/4" OD Threaded carb	+0.6 - 36.4'	10 3/4"
8" nominal threaded c.s.	0 - 70.8'	8 3/4"

Geophysical Logging		
Sonde(s) (Type)	Interval	Date
High purity germanium (HPGM)	0' - 37.4'	11/13/95
10% high pur germ.	0' - 37.4'	11/13/95
Neutron porosity (NPS)	0' - 37.4'	11/13/95
Spectral gamma (HNGS)	0' - 37.4'	11/13/95
gamma gamma density (LDS)	0' - 37.4'	11/14/95
+	0' - 72.5'	12/5/95

Drilled Depth 72.5' Hole Diameter at TD 7"

Static Water Level/Date 72.0' / 11/16/95

Comments _____

Con. Pad and post around outer casing 1/11/96 Completion Activity

Casing and Screen (Permanent)			
Type	Depth	Length	Slot

Post-It Fax Note

To: Greg McLellan
 Co./Dept: WDH
 Phone #: 377-3977
 Fax #: 377-3980

Date: 1/27/96 # of Pages: 6
 From: DC Weekes
 Co.: ITH
 Phone #: 373-3545
 Fax #: 373-1514

Other Activity _____

Aquifer Test Performed? _____

Type _____ Date _____

Well Abandoned? _____

Date _____

Well Survey Date 1/24/96

Washington State 49° 12.55' N 121° 51.51' W

Plane Coordinates N 119 605.11 E 571462.75 (meters)

Plane KM/100m 140.239

Protective Casing Elevation 111.104 meters (NAVD88)

Brass Cap Elevation 111.258 meters (NAVD88)

Comments/Remarks Site specific procedure. B2537-PROC-002 used to control work. + HNGS, APS, RST, and LDS run by Schlumberger 12/5/95 0-72.5' WHC ran HPGE on 12/1/95 and 12/4/95 0-72.5'

The Department of Ecology uses NWI warrants to Data and/or the Information on this Well Report

WELL SUMMARY SHEET

Boring or Well No. B2537

Sheet 1 of 1

Location 1301N Trench

Project 1301/1325N Crib Characterization

Reviewed By _____

CONSTRUCTION DATA		10" Program 10"	Depth in Feet	Graphic Log	GEOLOGIC/LITHOLOGIC DATA	
Description	Lithologic Description					
10-in threaded carbon steel casing to 36.4 ft, flush shoe.			5		0-8' Silty Sandy GRAVEL (Backfill)	
8-in threaded carbon steel casing to 70.8 ft, flush shoe.			10		8-14' Silty GRAVEL (Hanford)	
			15		14-14.5' sand lens	
			20		14.5-21' Silty Sandy GRAVEL	
			25		21-27' Sand (f-vf)	
			30		27-32' Sandy GRAVEL (Hanford)	
Concrete pad placed around 10" casing 1/11/96. Material was removed from around the 10" casing to a depth of 3 ft.			35		32-39' Silty Sandy GRAVEL (Ringold "E")	
			40		Hanford/Ringold contact @ 39' 39'-50' Silty Sandy GRAVEL 1/4" (Ringold "E")	
			45			
			50		50-59' Sand (f-vf)	
			55			
			60		59-62' Sandy GRAVEL	
			65		62-66.5' Silty Sandy GRAVEL	
			70		66.5-68.5' Sand (ve-m)	
			70		68.5-72.5' Silty Sandy GRAVEL	
			75		Water @ 72 ft 11/16/95 ID = 72.5 ft 11/16/95	
			80			