AR TARGET SHEET

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

EDMC#:	0073945
SECTION:	2 OF 3
DOCUMENT #:	07-AMCP-0282
TITLE:	Administrative Decommissioning for Wells with Surveys

699-19-34B A8411

699-19-34B A8411

WELL ATTRIBUTES REPORT

FIELD ORDER NO				LAST INSPECTION	1/1/1801
WELL ID	A8411			NORTHING	129139.02
WELL NAME	699-19-34B	CONST DATE		EASTING	579645.44
HOST WELL ID		CONST DEPTH		ELEVATION	

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	☐ YES ☐ NO ☑ ND*	WELL PAD	☐ YES ☐ NO
BRASS SURVEY MARKER	☐ YES ☐ NO ☑ ND*	BRASS SURVEY MARKER	☐ YES ☐ NO
MARKER STAMPED WITH SURVEY DATA	☐ YES ☐ NO ☑ ND*	MARKER STAMPED WITH SURVEY DATA	☐ YES ☐ NO
MARKER STAMPED WITH WELL ID DATA	☐ YES ☐ NO ☑ ND*	MARKER STAMPED WITH WELL ID DATA	☐ YES ☐ NO
WELL LABELED WITH WELL ID	☐ YES ☐ NO ☑ ND*	WELL LABELED WITH WELL ID	☐ YES ☐ NO
WELL LABELED WITH WELL NAME	☐ YES ☐ NO ☑ ND*	WELL LABELED WITH WELL NAME	☐ YES ☐ NO
PROTECTIVE POSTS	☐ YES ☐ NO ☑ ND*	PROTECTIVE POSTS	☐ YES ☐ NO
REMOVABLE POST IN PLACE	☐ YES ☐ NO ☑ ND*	REMOVABLE POST IN PLACE	☐ YES ☐ NO
WELL LOCK	☐ YES ☐ NO ☑ ND*	WELL LOCK	☐ YES ☐ NO
WELL DAMAGED	☐ YES ☐ NO ☑ ND*	WELL DAMAGED	☐ YES ☐ NO
WELL IS DRY	☐ YES ☐ NO ☑ ND*	WELL IS DRY	☐ YES ☐ NO
PARTED CASING	☐ YES ☐ NO ☑ ND*	PARTED CASING	☐ YES ☐ NO
BENTONITE IN WELL	☐ YES ☐ NO ☑ ND*	BENTONITE IN WELL	☐ YES ☐ NO
WELL SANDED IN	☐ YES ☐ NO ☑ ND*	WELL SANDED IN	☐ YES ☐ NO
COLLAPSED CASING	☐ YES ☐ NO ☑ ND*	COLLAPSED CASING	☐ YES ☐ NO
EQUIPMENT IN WELL	☐ YES ☐ NO ☑ ND*	EQUIPMENT IN WELL	☐ YES ☐ NO
DEBRIS IN WELL	☐ YES ☐ NO ☑ ND*	DEBRIS IN WELL	☐ YES ☐ NO
SURFACE EROSION	☐ MAJOR ☐ NONE ☐ MINOR ☑ ND*	SURFACE EROSION	☐ MAJOR ☐ NONE ☐ MINOR

LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ REPLACED ☐ REMOVED ☑ ND*	PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ REPLACED ☐ REMOVED
PUMP TESTED	☐ YES ☐ NO ☑ ND*	PUMP TESTED	☐ YES ☐ NO
NEW PUMP	☐ YES ☐ NO ☑ ND*	NEW PUMP	☐ YES ☐ NO
ACTIVITY PEFORMED BY	ND*	ACTIVITY PEFORMED 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

7/18/2005

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	PLANT NS/EW	CASING ELEV / WELL DIAM / DATE COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH WATER	PERF/SCREEN TYPE	DIAM	TOP	BOT	COMMENTS / PREVIOUS WELL NAMES
699-19-23		19260.00	536.67	942.0					4" PLASTIC LINER
GW		-22987.00	4.0	570.0					
			3/81	142.0					S-5
699-19-26A		18644.00	582.00	200.0	P	6.0	125.0	195.0	
GW		-26362.00	6.0	196.0					
			5/81	126.0					MW-1
699-19-26BP		18673.00	526.61	195.0	P	2.0	189.0	194.0	PIEZOMETER.
GW		-26399.00	2.0						
			5/81						PH-1
699-19-26BQ		18673.00	526.71		P	2.0	131.0	136.0	PIEZOMETER.
GW		-26399.00	2.0						
									PH-1
699-19-27		18960.00	526.58	780.0					
SW		-26780.00	6.0	51.0					
			3/81						S-15
699-19-34A		18578.00	536.36	777.0					
SW		-33612.00	6.0	79.0					
			12/81						699-19-34, S-17
699-19-34B									
SW			6.0						
			12/81						
699-19-43						)	130.0	184.0	6" SCREEN 127-185, PLUG AT 183
GW						)	127.0	185.0	
S									18.8-43.2, USGS
699-19-47A									
GW									
699-19-47B									
GW									
699-19-47C		19010.00	613.59						
VW		-47002.00	7.0	53.0					
699-19-47D		19005.00	613.57						
VW		-47009.00	2.0	15.0					

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

IWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER	C
A8411	699-19-34B	UNKNOWN	NAD83	01/01/1801	UNKNOWN	129139.02	579645.44	m		

SURVEY DATA REPORT				Request No. 072-163
Project No. NA	Title: Well Decommissioning Well A8411			File No. 6AT12R27
Job No. 65400811.1225400 CA10	Prepared By S. Wray	Date 3/12/07	Reviewer	Page 1 of 1

DESCRIPTION OF WORK	DISTRIBUTION	SDR	PLOT	DWG
Stake / Search location of Well A8411 at coordinates given and report if above ground evidence exists.	Survey File	OR		
	B.J. Howard	1		
Horizontal Datum: WCS83S/91 (Meters)	E.C. Rafuse	1		
	G.G. Kelty	1		

SURVEY RESULTS AND COMMENTS

Well ID	Given Coordinates	Description
A8411	N 129139.02, E 579645.44	No evidence of said well in area. 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.: 072-164		
Project No.: NA	Title: SCAN Well Decommissioning / Well A8411	File No. : 600C-001
Job No.: 65400811.1225400	Prepared by: S. Wray	Date: 3/15/07
Reviewer:		Page 1 of 1

DESCRIPTION OF WORK:

Perform Ground Scan around at staked location of Well A8411

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
E. Rafuse	1		
B. Howard	1		
G. Kelty	1		

DATE OF FIELD INVESTIGATION: 3/14/07

Weather: Temp 60°F Wind 5 MPH

☐ Cloudy ☒ Clear ☐ P. Cloudy ☐ Fog

Soil Conditions: ☒ Rocky ☐ Sandy ☐ Wet ☒ Dry

Depth of Investigation 6 feet

Equipment Used:	Required Functional Checks Current/Completed
____ 50/60 Hz detector (for energized lines)	☐
x Radio Frequency Electromagnetics (RF)	☒
x Ground Penetrating Radar (GPR)	☒
____ Other (identify)	☐

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

Documentation Provided: NONE

Limits of Investigation: 20 ft square area around staked location.

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:

Unknown UG Object detected 5 ft to SW of staked location of Well A8411. Approx. 3 ft depth. Set Guard Stake at location of object.

03/07/2007

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMI
A8411	699-19-34B	12/31/1981				

699-33-38 A8531

699-33-38 A8531

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	PLANT NS/EW	CASING_ELEV / WELL_DIAM / DATE_COMPL	DRILL_DEPTH / COMPL_DEPTH / DEPTH_WATER	PERF/SCREEN TYPE	DIAM	TOP	BOT	COMMENTS / PREVIOUS WELL NAMES
699-33-21A		32745.00	500.25	635.0					
SW		-21416.00	6.0						
			2/80						699-33-21, GOLDER
699-33-21B		32804.00	495.80						
SW		-21335.00	6.0						
			12/80						GOLDER 10A
699-33-30		33127.00	522.48	155.0					
SW		-29995.00	6.0						
			12/80						GOLDER 75
699-33-38		33380.00	535.00	130.0	P	8.0	185.0	290.0	CASING REMOVED
AB		-38175.00	8.0	100.0					
			1/51						35-40-BR
699-33-42							109.0	119.0	#20 SCREEN 109-119 FT.
GW							109.0	119.0	
S									
699-33-56							307.3	409.0	
GW									
S									
699-33-84									BWIP WELL RRL-1; ABANDONED
AB									RRL-1
699-34-E13			400.00						FILLED IN
AB									NAGLES RANCH
699-34-8		34069.00	486.25						
SW		-7852.00	6.0						
			1/81						GOLDER 119
699-34-19		33920.00	506.65						
SW		-19105.00	6.0						
			12/80						GOLDER 85
699-34-20		33522.00	500.74	645.0					
SW		-20494.00	6.0	85.0					
			2/80						GOLDER 17
699-34-39A		34094.00	537.07	167.0	P	6.0	127.0	167.0	PLUG AT 162
GW		-38996.00	6.0	162.0					
S			6/53	136.0					699-35-40A

Hanford Wells
PNL-8800 UC-903
M. A. Chamness & J. K. Merz
August 1993
Prepared for U. S. Dept of Energy under
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Query HWIS again

IWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A8531	699-33-38	UNKNOWN	NAD83	01/01/1801	CONVERTED	133664.945	578264.499	m	

SCAN DATA REPORT

Request No.: 072-164			
Project No.: NA	Title: SCAN Well Decommissioning / Well A8531	File No. : 600C-001	
Job No.: 65400811.1225400	Prepared by: S. Wray	Date: 3/15/07	Reviewer: [signature]
Page 1 of 1			

DESCRIPTION OF WORK:

Perform Ground Scan around at staked location of Well A8531

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
E. Rafuse	1		
B. Howard	1		
G. Kelty	1		

DATE OF FIELD INVESTIGATION: 3/14/07

Weather: Temp 60°F Wind 5 MPH

☐ Cloudy ☒ Clear ☐ P. Cloudy ☐ Fog

Soil Conditions: ☒ Rocky ☐ Sandy ☐ Wet ☒ Dry

Depth of Investigation 6 feet

Equipment Used:	Required Functional Checks Current/Completed
____ 50/60 Hz detector (for energized lines)	☐
x Radio Frequency Electromagnetics (RF)	☒
x Ground Penetrating Radar (GPR)	☒
____ Other (identify)	☐

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

Documentation Provided: NONE

Limits of Investigation: 20 ft square area around staked location.

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: No evidence of well casing detected.

SURVEY DATA REPORT				Request No. 072-163
Project No. NA	Title: Well Decommissioning Well A8531			File No. 6AT12R27
Job No. 65400811.1225400 CA10	Prepared By S. Wray	Date 3/12/07	Reviewer	Page 1 of 1

DESCRIPTION OF WORK	DISTRIBUTION	SDR	PLOT	DWG
Stake / Search location of Well A8531 at coordinates given and report if above ground evidence exists.	Survey File	OR		
	B.J. Howard	1		
Horizontal Datum: WCS83S/91 (Meters)	E.C. Rafuse	1		
	G.G. Kelty	1		

SURVEY RESULTS AND COMMENTS

Well ID	Given Coordinates	Description
A8531	N 133664.95, E 578264.50	No evidence of said well in area. Set Hub & Lath.

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

ABS 1

699-33-38
Location: N33380, W38175 12/27-1881
Casing Elevation: 535
Cable tool, drilled by Rodda of USGS for GE Company, 1948, groundwater monitoring borehole

Material (1)	Thickness	Depth
Fine gray sand, very soft	15	15
Sand & clay; fine gray sand, very soft	5	20
Fine gray sand, very soft	13	33
Sand	9	42
Sand & gravel; struck gravel & boulders at 42 ft.	1	43
Different colored gravel & boulders	4	47
Gravel & boulders	20	67
Boulders	19	86
Coarse sand	4	90
Boulders	7	97
Sand, gravel & boulders	13	110
Boulders	2	112
Gray sand	5	117
Boulders & gravel	2	119
Boulders	2	121
Sand, gravel & boulders	7	128
Boulders	2	130

HANFORD WELLS
PNL-8800 UC-903
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August 1993
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699-34-39B A8539

699-34-39B A8539

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	PLANT NS/EW	CASING_ELEV / WELL_DIAM / DATE_COMPL	DRILL_DEPTH / COMPL_DEPTH / DEPTH_WATER	PERF/SCREEN TYPE	DIAM	TOP	BOT	COMMENTS / PREVIOUS WELL NAMES
699-34-39B		34044.00	535.50	115.0					CASING REMOVED
AB		-38951.00	8.0	115.0					
			6/48						699-35-40B
699-34-41A									PLUGGED & ABANDONED
AB									
699-34-41B							0.0	175.0	PLUG AT 178
GW									
B									699-34-41
699-34-42							3.0	182.0	PLUG AT 145 FT.
GW									
S									
699-34-51		33873.00	736.76	385.0	P	8.0	345.0	385.0	
GW		-51282.00	8.0	370.0					
S			11/48	335.0					34.0-51.5
699-34-88		34404.00	632.82	688.0	P	8.0	156.0	605.0	PIEZ. TUBES REMOVED TO 380.
GW		-88207.00	8.0	210.0					BRIDGE PLUG AT 210.
B			12/48	205.5					34-88.5, 699-34-89
699-34-88O		34404.00	633.09		P	1.5	160.0	180.0	REMOVED
AB		-88207.00	1.5	180.0					
			4/65						
699-34-88P		34404.00	633.06		P	1.5	668.0	688.0	REMOVED
AB		-88207.00	1.5	518.0					
			6/64	187.0					
699-34-88Q		34404.00	633.06		P	1.5	590.0	600.0	REMOVED
AB		-88207.00	1.5	588.0					
				187.0					
699-34-88R		34404.00	633.06		P	1.5	510.0	520.0	REMOVED
AB		-88207.00	1.5	510.0					
			6/64	164.0					
699-34-88S		34404.00	633.06		P	1.5	430.0	440.0	REMOVED
AB		-88207.00	1.5	433.0					
			6/64	164.0					
699-34-88T		34404.00	633.06		P	1.5	350.0	360.0	REMOVED
AB		-88207.00	1.5	351.0					
			6/64	159.0					

Hanford Wells
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Query HWIS again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUA
A8539	699-34-39B	UNKNOWN	NAD83	01/01/1801	CONVERTED	133867.873	578026.612	m	

SCAN DATA REPORT

Request No.: 072-164		
Project No.: NA	Title: SCAN Well Decommissioning / Well A8539	File No. : 600C-001
Job No.: 65400811.1225400	Prepared by: S. Wray	Date: 3/15/07
Reviewer:		Page 1 of 1

DESCRIPTION OF WORK:

Perform Ground Scan around at staked location of Well A8539

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
E. Rafuse	1		
B. Howard	1		
G. Kelty	1		

DATE OF FIELD INVESTIGATION: 3/14/07

Weather: Temp 60°F Wind 5 MPH

☐ Cloudy ☒ Clear ☐ P. Cloudy ☐ Fog

Soil Conditions: ☒ Rocky ☐ Sandy ☐ Wet ☒ Dry

Depth of Investigation 6 feet

Equipment Used:	Required Functional Checks Current/Completed
____ 50/60 Hz detector (for energized lines)	☐
x Radio Frequency Electromagnetics (RF)	☒
x Ground Penetrating Radar (GPR)	☒
____ Other (identify)	☐

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

Documentation Provided: NONE

Limits of Investigation: 20 ft square area around staked location.

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: No evidence of well casing detected.

SURVEY DATA REPORT				Request No. 072-163
Project No. NA	Title: Well Decommissioning Well A8539			File No. 6AT12R27
Job No. 65400811.1225400 CA10	Prepared By S. Wray	Date 3/12/07	Reviewer	Page 1 of 1

DESCRIPTION OF WORK	DISTRIBUTION	SDR	PLOT	DWG
Stake / Search location of Well A8539 at coordinates given and report if above ground evidence exists.	Survey File	OR		
	B.J. Howard	1		
Horizontal Datum: WCS83S/91 (Meters)	E.C. Rafuse	1		
	G.G. Kelty	1		

SURVEY RESULTS AND COMMENTS

Well ID	Given Coordinates	Description
A8539	N 133867.87, E 578026.61	No evidence of said well in area. Set Hub & Lath.

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

A453

699-34-39A
Location: N34094, W38996 12/27-18C1
Casing Elevation: 537.07
Cable tool, drilled by Row of & for GE Company, 1953, groundwater monitoring borehole

Material (1)	Thickness	Depth
No record	125	125
Boulders 2 ft. thick; formation is made up of boulders, when I go through one I have to rock up hole until I get a shelf cut into the next boulder, am using lots of mud from well 321-3 to fill up cravies	4	129
Sand, gravel	3	132
Sand & gravel	2	134
Boulder	4	138
Gravel & sand; after bailing at 150 ft., hole caved in 9 ft.; think I hit basalt at 149 ft., hole caved before I could test	12	150
Gravel & sand	4	154
Sand, gravel, drilling out old cave	1	155
Fine to coarse sand & gravel . . .	5	160
Gravel & sand	2	162
Gravel & sand	3	165
No record; found some small pieces of wood at 166 ft.; must have hit basalt and it lies on a slant, pipe is bent 8 ft. from bottom of hole	2	167

699-34-39B
Location: N34044, W38951 12/27-18C2
Casing Elevation: 535.50
Cable tool, drilled by Rodda of & for GE Company, 1953, groundwater monitoring borehole

Material (1)	Thickness	Depth
Fine gray sand, very soft	25	25
Sand	17	42
Gravel & boulders	33	75
Boulders	6	81
Gravel & boulders	33	114
Bed rock	1	115

HANFORD WELLS
PNL-8800 UC-903
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HW-6.26

DRILLING LOG

PROJECT NO. C-133

Rig No. HC-22-3132

Well No. ~~35-40-B~~ 34-39B

Driller Rodda

Foreman Gillum

Date 6-16-48

Shift #2

Depth beginning of Shift 0

Depth completion of Shift 0

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
Time	Depth	Time	Depth		Time	Explanation
					7:48 to 8:45	Safety meeting
					8:45 to 9:00	Traveling to well site
					9:00 to 12:00	Moving machine
					12:00 to 12:30	Lunch
					12:30 to 3:50	Setting up machine and preparing to drill
					3:50 to 4:00	Traveling to yard

REMARKS

PROJECT NO. C-133

Rig No. HO-22-3132

Well No. ~~35-45-B~~ 34-39B

Driller Rodda

Foreman Gillum

Date 6-17-48

Shift #2

Depth beginning of Shift 0

Depth completion of Shift 25'

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
Time	Depth	Time	Depth		Time	Explanation
					7:48 to 8:15	Traveling to well site
					8:15 to 8:45	Installing stem guide
8:45 to 9:25	5'			Sand		
					9:25 to 9:30	Taking sample
9:30 to 10:20	10'			Sand		
					10:20 to 10:25	Taking sample
10:25 to 11:30	15'			Sand		
					11:30 to 12:00	Installing starter pipe. Total 16'.
					12:00 to 12:30	Lunch
12:30 to 1:25	20'			Sand		
					1:25 to 1:30	Taking sample
					1:30 to 3:00	Waiting for welder

REMARKS

0 to 25' fine grey sand, very soft. Was able to drill first 15' without caving.

PROJECT NO. C-133

Rig No. "0-22-3132"

Well No. ~~35-47-3~~ 34-39B

Driller Podda

Foreman Gillum

Date 6-17-48

Shift #2

Depth beginning of Shift 0

Depth completion of Shift 25'

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
Time	Depth	Time	Depth		Time	Explanation
					3:00 to 3:30	Welding 10' pipe. Total 26'. ✓
3:30 to 3:50	25'			Sand		
					3:50 to 4:00	Traveling to yard

REMARKS

PROJECT NO. C-133

Rig No. HO-22-3132

Well No. ~~35-49-B~~ 34-39B

Driller Rodda

Foreman Gillum

Date 6-18-48

Shift #2

Depth beginning of Shift 25'

Depth completion of Shift 48'

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
Time	Depth	Time	Depth		Time	Explanation
					7:48 to 8:15	Traveling to well site
					8:15 to 8:30	Servicing machine
8:30 to 9:00	30'			Sand		
					9:00 to 9:05	Taking sample
					9:05 to 10:15	Waiting for welder
					10:15 to 11:00	Welding 10' pipe. Total 36'.
11:00 to 11:55	35'			Sand		
					11:55 to 12:00	Taking sample
					12:00 to 12:30	Lunch
12:30 to 1:15	40'			Sand		
					1:15 to 1:20	Taking sample
					1:20 to 2:00	Waiting and welding 10' pipe. Total 46'.

REMARKS

~~Casing driving easy and easy drilling to 42'. Struck boulders and gravel at 42'. Drilling hard and casing driving hard.~~
Using lots of water.

PROJECT NO. C-133

Rig No. ~~HO-22-3132~~ 1

Well No. ~~35-49-B~~ 34-39B

Driller Rodda

Foreman Gillum

Date 6-18-48

Shift #2

Depth beginning of Shift 25'

Depth completion of Shift 48'

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
Time	Depth	Time	Depth		Time	Explanation
2:00 to 3:00	45'			Gravel and boulders		
					3:00 to 3:05	Taking sample
					3:05 to 3:25	Welding 10' pipe. Total 56'.
3:25 to 3:50	40'			Gravel and boulders		
					3:50 to 4:00	Traveling to yard

REMARKS

PROJECT NO. C-133

Rig No. HO-22-3132
Well No. ~~35-49-B~~ 34-39B
Driller Rodda
Foreman Gillum

Date 6-19-48
Shift #2
Depth beginning of Shift 48'
Depth completion of Shift 65'

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
Time	Depth	Time	Depth		Time	Explanation
					7:48 to 8:15	Traveling to well site
8:15 to 9:25	50'			Gravel and boulders		
					9:25 to 9:30	Taking sample
9:30 to 11:10	55'			Gravel and boulders		
					11:10 to 11:15	Taking sample
11:15 to 12:00	58'			Gravel and boulders		
					12:00 to 12:30	Lunch
					12:30 to 1:00	Welding 9'8" pipe. Total 65'8".
1:00 to 1:45	60'			Gravel and boulders		
					1:45 to 1:50	Taking sample
1:50 to 3:15	65'			Gravel and boulders		
					3:15 to 3:25	Taking sample

REMARKS

48' to 56' cannot drive ahead.
56' to 65' can drive casing ahead but can't get any open hole.
Uses very little water.

PROJECT NO. C-133

Rig No. HC-22-3132

Well No. ~~35-40-B~~ 34-39B

Driller Rodda

Foreman Gillum

Date 6-19-45

Shift #2

Depth beginning of Shift 48'

Depth completion of Shift 65'

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
Time	Depth	Time	Depth		Time	Explanation
					3:25 to 3:50	Waiting for welder
					3:50 to 4:00	Driving to yard

REMARKS

NW-6.287

DRILL [illegible] LOG

PROJECT NO. C-133

Rig No. HO-22-3132

Well No. ~~35-40-B~~ 34-39B

Driller Rodda

Foreman Gillum

Date 6-19-48

Shift #2

Depth beginning of Shift 43'

Depth completion of Shift 65'

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
Time	Depth	Time	Depth		Time	Explanation
					7:48 to 8:15	Traveling to well site
8:15 to 9:25	50'			Gravel and boulders		
					9:25 to 9:30	Taking sample
9:30 to 11:10	55'			Gravel and boulders		
					11:10 to 11:15	Taking sample
11:15 to 12:00	58'			Gravel and boulders		
					12:00 to 12:30	Lunch
					12:30 to 1:00	Welding 9'8" pipe. Total 65'8".
1:00 to 1:45	60'			Gravel and boulders		
					1:45 to 1:50	Taking sample
1:50 to 3:15	65'			Gravel and boulders		
					3:15 to 3:25	Taking sample

REMARKS

43' to 56' cannot drive ahead.

56' to 65' can drive casing ahead but can't get any open hole.

Uses very little water.

HW-6.267

DRILLING LOG

PROJECT NO. C-133

Rig No. HO-22-3132
Well No. ~~35-40-B~~ 34-39B
Driller Rodda
Foreman Gillum

Date 6-21-48
Shift #2
Depth beginning of Shift 65'
Depth completion of Shift 81'

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
Time	Depth	Time	Depth		Time	Explanation
					7:48 to 8:15	Driving to well site
8:15 to 9:25	70'			Gravel and boulders		
					9:25 to 9:30	Taking sample
					9:30 to 10:05	Welding 8'9" pipe. Total 74'5". ✓
10:05 to 11:55	75'			Gravel and boulders		
					11:55 to 12:00	Taking sample
					12:00 to 12:30	Lunch
12:30 to 2:35	80'			Boulders		
					2:35 to 2:40	Taking sample
					2:40 to 3:15	Welding 8'1" pipe. Total 82'6". ✓
3:15 to 3:45	81'			Boulders		
					3:45 to 4:00	Dressing out and driving to yard

REMARKS

65' to 81' cannot drill ahead over 6" to 8". Will drive ahead. Loses lots of water.

PROJECT NO. C-133

Rig No. HO-22-3132

Well No. ~~35-40-B~~ 34-39B

Driller Rodda

Foreman Gillum

Date 6-22-48

Shift #2

Depth beginning of Shift 81'

Depth completion of Shift 98'

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
Time	Depth	Time	Depth		Time	Explanation
					7:48 to 8:15	Driving to well site
8:15 to 8:50	82'			Gravel and boulders		
					8:50 to 9:25	Welding 8'11" pipe. Total 91'5".
9:25 to 10:30	85'			Gravel and boulders		
					10:30 to 10:35	Taking sample
10:35 to 11:55	90'			Gravel and boulders		
					11:55 to 12:00	Taking sample
					12:00 to 12:30	Lunch
12:30 to 12:55	91'			Gravel and boulders		
					12:55 to 1:30	Welding 8'2" pipe. Total 99'7".
1:30 to 2:55	95'			Gravel and boulders		
					2:55 to 3:00	Taking sample

REMARKS

81' to 98' hole caves ahead of casing. Losing lots of water. Casing drives hard when driving ahead.

PROJECT NO. C-133

Rig No. HC-22-3132

Well No. ~~35-40-3~~ 34-39B

Driller Rodda

Foreman Gillum

Date 6-22-48

Shift #2

Depth beginning of Shift 81'

Depth completion of Shift 98'

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
Time	Depth	Time	Depth		Time	Explanation
3:00 to 3:45	98'			Gravel and boulders		
					3:45 to 4:00	Dressing out and driving to yard

REMARKS

PROJECT NO. C-133

Rig No. EC-22-3132 !
Well No. ~~35-40-B~~ 34-39B
Driller Rodda
Foreman Gillum

Date 6-23-45
Shift #2
Depth beginning of Shift 98'
Depth completion of Shift 114'

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
Time	Depth	Time	Depth		Time	Explanation
					7:48 to 8:45	Safety meeting
					8:45 to 9:00	Driving to well site
9:00 to 9:25	100'			Gravel and boulders		
					9:25 to 9:30	Taking sample
					9:30 to 9:55	Welding 8'7" pipe. Total 108'2".
9:55 to 11:00	105'			Gravel and boulders		
					11:00 to 11:05	Taking sample
11:05 to 12:00	109'			Gravel and boulders		
					12:00 to 12:30	Lunch
					12:30 to 1:05	Welding 8'9" pipe. Total 116'11".
1:05 to 1:25	110'			Gravel and boulders		
					1:25 to 1:30	Taking sample

REMARKS

Losing water as soon as drill goes out of casing. Have to drive about every 6" to 8".

PROJECT NO. C-133

Rig No. HO-22-3132

Well No. ~~34-40-3~~ 34-39B

Driller Rodda

Foreman Gillum

Date 6-23-48

Shift #2

Depth beginning of Shift 98'

Depth completion of Shift 114'

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
Time	Depth	Time	Depth		Time	Explanation
1:30 to 3:45	114'			Gravel and boulders		
					3:45 to 4:00	Dressing out and driving to yard

REMARKS

PROJECT NO. C-133

Rig No. HO-22-3138

Well No. ~~35-40-3~~ 34-39B

Driller Rodda

Foreman Gillum

Date 6-24-48

Shift #2

Depth beginning of Shift 114'

Depth completion of Shift 115'

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
Time	Depth	Time	Depth		Time	Explanation
					7:48 to 8:15	Driving to well site
8:15 to 9:00	114' (No Gain)			Bed Rock		
					9:00 to 9:20	Welder building up bit
9:20 to 12:00	115'			Bed Rock		
					12:00 to 12:30	Lunch
12:30 to 2:00	115' (No Gain)			Bed Rock		
					2:00 to 3:45	Welder cutting off casing 1'3". Total 115'3
						Tearing down and preparing to move
					3:45 to 4:00	Dressing out and driving to yard
						WELL COMPLETE

REMARKS

114' to 115' losing lots of water. The rock is so hard it will take the hard facing and corners off of bit. Casing wil drive.

HW-6.287

DRILL 3 LOG

PROJECT NO. _____

Rig No. A.E.C. 22-3128
Well No. 35-40-B
Driller Row
Foreman _____

Date 6/4/63
Shift _____
Depth beginning of Shift Pulling pipe
Depth completion of Shift _____

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
Time	Depth	Time	Depth		Time	Explanation
					7:35 to 8:00	Driving to location.
					8:00 to 2:30	Pulled 115' of pipe out of 35-40-B. Filled t hole up.
					2:30 to 4:00	Moving equipment out.

REMARKS

This well is abandoned. No 35-40-B

699-37-36 A8579

699-37-36 A8579

WELL ATTRIBUTES REPORT

FIELD ORDER NO				LAST INSPECTION	1/1/1801
WELL ID	A8579			NORTHING	134722.139
WELL NAME	699-37-36	CONST DATE		EASTING	578973.29
HOST WELL ID		CONST DEPTH		ELEVATION	166.862

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	☐ YES ☐ NO ☑ ND*	WELL PAD	☐ YES ☐ NO
BRASS SURVEY MARKER	☐ YES ☐ NO ☑ ND*	BRASS SURVEY MARKER	☐ YES ☐ NO
MARKER STAMPED WITH SURVEY DATA	☐ YES ☐ NO ☑ ND*	MARKER STAMPED WITH SURVEY DATA	☐ YES ☐ NO
MARKER STAMPED WITH WELL ID DATA	☐ YES ☐ NO ☑ ND*	MARKER STAMPED WITH WELL ID DATA	☐ YES ☐ NO
WELL LABELED WITH WELL ID	☐ YES ☐ NO ☑ ND*	WELL LABELED WITH WELL ID	☐ YES ☐ NO
WELL LABELED WITH WELL NAME	☐ YES ☐ NO ☑ ND*	WELL LABELED WITH WELL NAME	☐ YES ☐ NO
PROTECTIVE POSTS	☐ YES ☐ NO ☑ ND*	PROTECTIVE POSTS	☐ YES ☐ NO
REMOVABLE POST IN PLACE	☐ YES ☐ NO ☑ ND*	REMOVABLE POST IN PLACE	☐ YES ☐ NO
WELL LOCK	☐ YES ☐ NO ☑ ND*	WELL LOCK	☐ YES ☐ NO
WELL DAMAGED	☐ YES ☐ NO ☑ ND*	WELL DAMAGED	☐ YES ☐ NO
WELL IS DRY	☐ YES ☐ NO ☑ ND*	WELL IS DRY	☐ YES ☐ NO
PARTED CASING	☐ YES ☐ NO ☑ ND*	PARTED CASING	☐ YES ☐ NO
BENTONITE IN WELL	☐ YES ☐ NO ☑ ND*	BENTONITE IN WELL	☐ YES ☐ NO
WELL SANDED IN	☐ YES ☐ NO ☑ ND*	WELL SANDED IN	☐ YES ☐ NO
COLLAPSED CASING	☐ YES ☐ NO ☑ ND*	COLLAPSED CASING	☐ YES ☐ NO
EQUIPMENT IN WELL	☐ YES ☐ NO ☑ ND*	EQUIPMENT IN WELL	☐ YES ☐ NO
DEBRIS IN WELL	☐ YES ☐ NO ☑ ND*	DEBRIS IN WELL	☐ YES ☐ NO
SURFACE EROSION	☐ MAJOR ☐ NONE ☐ MINOR ☑ ND*	SURFACE EROSION	☐ MAJOR ☐ NONE ☐ MINOR

LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ REPLACED ☐ REMOVED ☑ ND*	PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ REPLACED ☐ REMOVED
PUMP TESTED	☐ YES ☐ NO ☑ ND*	PUMP TESTED	☐ YES ☐ NO
NEW PUMP	☐ YES ☐ NO ☑ ND*	NEW PUMP	☐ YES ☐ NO
ACTIVITY PEFORMED BY	ND*	ACTIVITY PEFORMED 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

7/18/2005

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	COORDINATES PLANT NS/EW	CASING ELEV / WELL DIAM / DATE_COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH_WATER	PERF/SCREEN TYPE	PERF/SCREEN DIAM	PERF/SCREEN TOP	PERF/SCREEN BOT	COMMENTS / PREVIOUS WELL NAMES
699-37-22		37437.00	478.21	117.0					
SW		-22064.00	6.0						
			12/80						GOLDER 83
699-37-25		37305.00	501.37	135.0					
SW		-248510.00	6.0						
			12/80						GOLDER 76
699-37-36		36838.00	543.97	430.0					
SW		-35837.00	6.0	44.0					
			5/80						GOLDER 47
699-37-43							275.0	334.0	CEMENT PLUG AT 335, WOOD PLUG
GW							316.0	334.0	AT 340'; PIEZOMETERS REMOVED
S							365.0	385.0	699-37-42, 699-38-43
							415.0	435.0	
							475.0	495.0	
699-37-43O							320.0	340.0	REMOVED
AB									
699-37-43P		[illegible]	[illegible]	[illegible]	P	1.5	480.0	490.0	REMOVED
AB		-42874.00	1.5	500.0					
			5/64	284.0					
699-37-43Q		37063.00	690.43		P	1.5	420.0	430.0	REMOVED
AB		-42874.00	1.5	440.0					
				284.0					
699-37-43R		37063.00	690.43	390.0	P	1.5	370.0	380.0	REMOVED
AB		-42874.00	1.5	383.0					
			5/64	284.0					
699-37-82A		37018.00	636.75	440.0	P	8.0	155.0	410.0	PIEZ TUBES REMOVED 9/74. CEMENT
GW		-81988.00	6.0	175.0					PLUG AT 175 FT., GROUTED
S			10/60	163.0					
699-37-82AO		37018.00	636.98	200.0	P	1.5	190.0	200.0	REMOVED
AB		-81988.00	1.5	184.0					
			4/64						
699-37-82AP		37018.00	636.95	408.0	P	1.5	400.0	408.0	REMOVED
AB		-81988.00	1.5	349.0					
			2/62						

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

Query HWIS again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUAL
A8579	699-37-36	UNKNOWN	NAD83	01/01/1801	CONVERTED	134722.139	578973.29	m	

SURVEY DATA REPORT				Request No. 71-070
Project No. N/A	Title: Well Decommissioning at Northwest Energy A8579			File No. 6AT12R27
Job No. 65400801.1225400 CA10	Prepared By Tim Johnson	Date 12/05/2006	Reviewer	Page 1 of 1

DESCRIPTION OF WORK	DISTRIBUTION	SDR	PLOT	DWG
Stake or locate well A8579 in support of well decommissioning per the attached.	Survey File	OR		
	Bonnie Howard	1		
	Ed Rafuse	1		
Equipment Used: Trimble 5800 GPS Receiver	George Kelty	1		
Coordinate System: US State Plane 1983				
Zone: Washington South 4602				
Project Datum: NAD 1983 (Conus)				
Coordinate Units: Meters				

SURVEY RESULTS AND COMMENTS

Name	Northing	Easting	Elevation	Feature Code
A8579	134722.139	578973.290	?	WELL

No well was found. Set hub and lath. Took photo.

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)

This information is PROPRIETARY and is provided solely for use in conjunction with work managed and controlled by Fluor Federal Services.

SCAN DATA REPORT

Request No.: 071-085

Project No.:	Title:	File No.:
NA	WELL DECOMMISSIONING - WELL A8579 (East of 200 East Area)	600C-001

Job No.:	Prepared by:	Date:	Reviewer:	Page
65400801.1225400 homex-CA10	Rand Taylor	12/14/06	Larry Hentz	1 of 3

DESCRIPTION OF WORK:

Performed a 10' radius scan at staked well location A8579.

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

DATE OF FIELD INVESTIGATION: 12/14/06

Weather: Temp 45°F Wind 10 MPH

☐ Cloudy ☐ Clear ☒ P. Cloudy ☐ Fog

Soil Conditions: ☐ Rocky ☐ Sandy ☒ Wet ☐ Dry

Depth of Investigation N/A feet

Equipment Used:	Required Functional Checks Current/Completed
____ 50/60 Hz detector (for energized lines)	☐
____ Radio Frequency Electromagnetics (RF)	☐
____ Ground Penetrating Radar (GPR)	☐
x Other (identify) Magnetometer G-858/ Metal detector	☒

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

Documentation Provided: Sketch of well locations

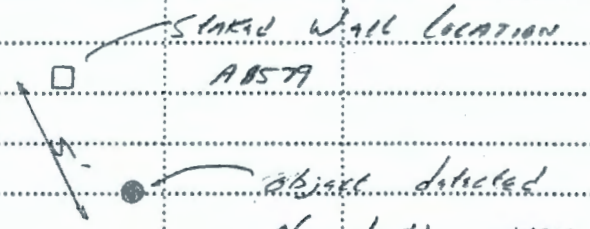
Limits of Investigation: Performed a 10' radius scan at staked well location A8579.

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: Note, A underground signal was detected 5' south east of the staked location.

	FIELD SURVEY NOTES	Date D-14-06	
		File No.	6 0 0 6 - 0 0 1
Title	Well Scan A857	Req. No.	07H-085
Crew	Taylor / Hoke	Weather	Rain
Inst.	Magnetometer / Metal detector	Temp. 45°	Bar. PPM



Survey Project Log

Project : 71-070

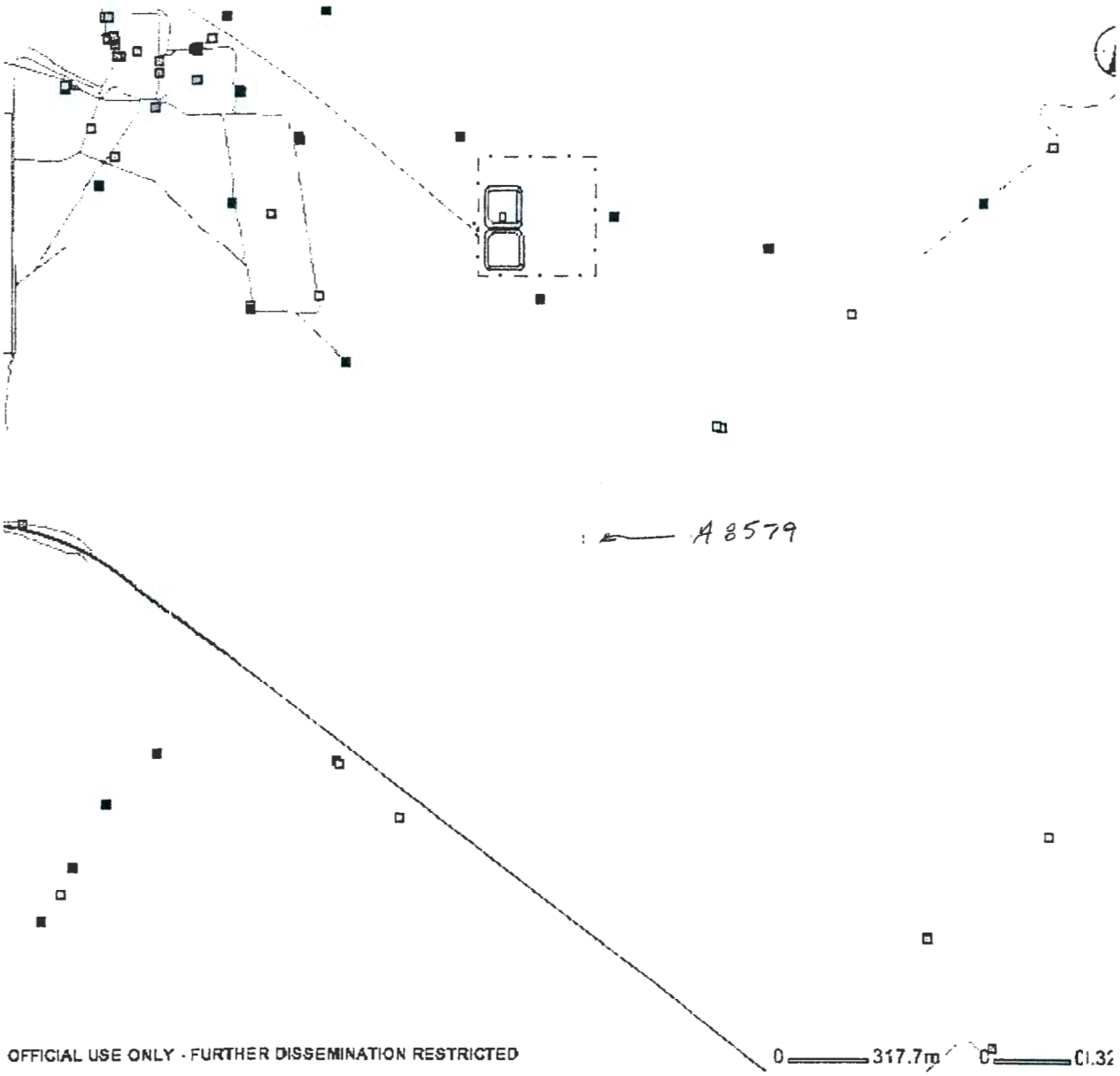
User name	h0056253	**Date & Time**	2:55:06 PM 12/5/2006
Coordinate System	US State Plane 1983	**Zone**	Washington South 4602
Project Datum	NAD 1983 (Conus)		
Vertical Datum	NAVD 1988	**Geoid Model**	Geoid03
Coordinate Units	Meters		
Distance Units	Meters		
Height Units	Meters		

Survey Project Name/Title:	71-070
Survey Purpose:	Well decommissioning
Requested By:	Ed Rafuse
Requested By:	Fluor
General Site Location:	600 Area
Charge Code:	122540
Number of Points Surveyed:	1
Estimated Horizontal Precision:	<=0.015m
Estimated Vertical Precision:	<=0.020m
Estimated Accuracy @ 1 Sigma:	2cm + 10E-6 X Length of Baseline
Surveyor:	Tim Johnson
Computer Software Used:	Trimble Geomatics Office Version 1.61
Computer Hardware Used:	WC79347
Survey Equipment Used:	Trimble 5800 Receiver
Control Monuments Used:	None
Survey Method:	Real Time Kinnematic
Fieldwork Start Date:	12/04/2006
Fieldwork Completion Date:	12/04/2006

Name	Northing	Easting	Elevation	Feature Code	Description
A8579	134722.139	578973.290	?	WELL	
GABLEMTN	141087.711	579578.187	328.495		

Back to top

A8579


A 8579
OFFICIAL USE ONLY - FURTHER DISSEMINATION RESTRICTED
0 317.7m
0 01.32

A8579 699-37-36

699-37-36 (Golder Well #47)

Location: ~N36838, W35837 12/27-8M1

Casing Elevation: 543.97

Air rotary (to 105 ft.) & mud rotary, drilled by Carman Water Wells & logged by Wilkening of Golder Associates for NESCO, 1980, geologic investigation borehole

Material (11)	Thickness	Depth
Medium to fine sand, some silt . .	5	5
Medium to fine sand, trace silt .	15	20
Coarse to fine gravel, some sand, trace silt	5	25
Coarse to fine sand, some gravel, trace silt	5	30
Coarse to fine gravel, some sand, trace silt	5	35
Coarse to fine sand & gravel, trace silt	5	40
Coarse to fine sand, trace gravel & silt	5	45

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

699-49-7C A8780

699-49-7C A8780

SEE SURVEY & SCAN REPORTS
WELL HAS BEEN DECOMMISSIONED
ELW 01/29/07

WELL ATTRIBUTES REPORT

ELD ORDER NO				LAST INSPECTION	1/1/1801
VELL ID	A8780			NORTHING	138385.5
WELL NAME	699-49-7C	CONST DATE		EASTING	586041.3
HOST WELL ID		CONST DEPTH		ELEVATION	118.914

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	☐ YES ☐ NO ☑ ND*	WELL PAD	☐ YES ☐ NO
BRASS SURVEY MARKER	☐ YES ☐ NO ☑ ND*	BRASS SURVEY MARKER	☐ YES ☐ NO
MARKER STAMPED WITH SURVEY DATA	☐ YES ☐ NO ☑ ND*	MARKER STAMPED WITH SURVEY DATA	☐ YES ☐ NO
MARKER STAMPED WITH WELL ID DATA	☐ YES ☐ NO ☑ ND*	MARKER STAMPED WITH WELL ID DATA	☐ YES ☐ NO
WELL LABELED WITH WELL ID	☐ YES ☐ NO ☑ ND*	WELL LABELED WITH WELL ID	☐ YES ☐ NO
WELL LABELED WITH WELL NAME	☐ YES ☐ NO ☑ ND*	WELL LABELED WITH WELL NAME	☐ YES ☐ NO
PROTECTIVE POSTS	☐ YES ☐ NO ☑ ND*	PROTECTIVE POSTS	☐ YES ☐ NO
REMOVABLE POST IN PLACE	☐ YES ☐ NO ☑ ND*	REMOVABLE POST IN PLACE	☐ YES ☐ NO
WELL LOCK	☐ YES ☐ NO ☑ ND*	WELL LOCK	☐ YES ☐ NO
WELL DAMAGED	☐ YES ☐ NO ☑ ND*	WELL DAMAGED	☐ YES ☐ NO
WELL IS DRY	☐ YES ☐ NO ☑ ND*	WELL IS DRY	☐ YES ☐ NO
PARTED CASING	☐ YES ☐ NO ☑ ND*	PARTED CASING	☐ YES ☐ NO
BENTONITE IN WELL	☐ YES ☐ NO ☑ ND*	BENTONITE IN WELL	☐ YES ☐ NO
WELL SANDED IN	☐ YES ☐ NO ☑ ND*	WELL SANDED IN	☐ YES ☐ NO
LAPSED CASING	☐ YES ☐ NO ☑ ND*	COLLAPSED CASING	☐ YES ☐ NO
QUIPMENT IN WELL	☐ YES ☐ NO ☑ ND*	EQUIPMENT IN WELL	☐ YES ☐ NO
DEBRIS IN WELL	☐ YES ☐ NO ☑ ND*	DEBRIS IN WELL	☐ YES ☐ NO
SURFACE EROSION	☐ MAJOR ☐ NONE ☐ MINOR ☑ ND*	SURFACE EROSION	☐ MAJOR ☐ NONE ☐ MINOR
LAST PUMP INFORMATION		**CURRENT PUMP INFORMATION**	
PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ REPLACED ☐ REMOVED ☑ ND*	PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ REPLACED ☐ REMOVED
PUMP TESTED	☐ YES ☐ NO ☑ ND*	PUMP TESTED	☐ YES ☐ NO
NEW PUMP	☐ YES ☐ NO ☑ ND*	NEW PUMP	☐ YES ☐ NO
ACTIVITY PEFORMED BY	ND*	ACTIVITY PEFORMED 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	
BING LENGTH (ft)		TUBING LENGTH (ft)	
BING CONNECTION	ND*	TUBING CONNECTION	

ND* - Not Documented

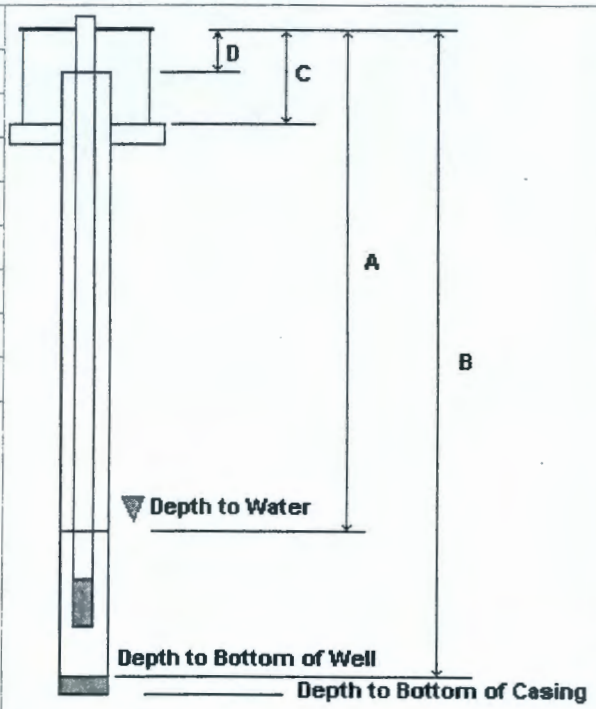
SEE SURVY & SCAN REPORTS
WELL HAS BEEN DECOMMISSIONED
SCN 01/29/07

WELL ATTRIBUTES REPORT

FIELD ORDER NO				LAST INSPECTION	1/1/1801
WELL ID	A8780			NORTHING	138385.5
WELL NAME	699-49-7C	CONST DATE		EASTING	586041.3
HOST WELL ID		CONST DEPTH		ELEVATION	118.914

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	☐ YES ☐ NO ☑ ND*	☐ YES ☐ 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 L 83 NS/EW	COORDINATES PLANT NS/EW	CASING_ELEV / WELL_DIAM / DATE_COMPL	DRILL_DEPTH / COMPL_DEPTH / DEPTH_WATER	PERF/SCREEN TYPE	DIAM	TOP	BOT	COMMENTS / PREVIOUS WELL NAMES
699-48-77A	137969.02	47602.70		457.7	S	4.0	212.4	232.7	ALSO ECN 172209
GW	566413.57	-77020.00	4.0	237.1					
H			5/92	215.4					
699-48-77B	137965.15	47590.00		63.6					
AB	566415.60	77013.30							
			1/92						
699-48-96									
GW									
699-48-96B				8.0					MICROBIOLOGY SAMPLING BOREHOLE
AB			6.0						
			5/93						
699-49-7A		48687.00	384.11	55.0	S	13.0	42.0	55.0	FILLED IN; HANFORD INTERNATION
AB		-7210.00	14.0	55.0					AL WELL #11
			6/43	15.0					699-HAN-11, HI-11W
699-49-7B		49152.00	383.37	48.0					FILLED IN
AB		-7367.00	16.0	48.0					
			12/43						699-HAN-10, HD-10W
699-49-7C			386.65	45.0					FILLED IN
			6.0	45.0					
			6/43	15.0					HI-9TH, 699-HAN-13
699-49-10									WELDED COVER
GW									699-HAN-16, HD-15TH
699-49-12A							76.0	88.0	WELDED COVER; HANFORD DURAND
GW									TEST HOLE #20
									699-49-12, 699-HAN-23, HD-20TH
699-49-12B							65.0	85.0	WELDED COVER
GW									699-49-13D, 699-HAN-22
									HD-19TH
699-49-13A		48869.00	409.99	97.0	P	6.0	60.0	70.0	FILLED IN
AB		-12548.00	6.0	97.0					
			2/44	47.0					699-49-13F, 699-HAN-18
									HD-16TH

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

Query HWIS again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIF
A8780	699-49-7C	UNKNOWN	NAD83(91)	01/01/1801	CONVERTED	138385.5	586041.3	m	P

SURVEY DATA REPORT

				Request No. 071-113
Project No.	Title: Well Decommissioning A8780 699-49-7C			File No. 6AT13R27
Job No. 65400811.1225400 CA10	Prepared By Tim Johnson	Date 1/11/07	Reviewer SAW	Page 1 of 1

DESCRIPTION OF WORK	DISTRIBUTION	SDR	PLOT	DWG
Stake / Search location of Well A8780 at coordinates given and report if above ground evidence exists.	Survey File	OR		
	E.C. Rafuse	1		
Horizontal Datum: WCS83S/91 (Meters)	B.J. Howard	1		
	G.G. Kelty	1		

SURVEY RESULTS AND COMMENTS

Well ID	Coordinates Given	Description
A8780	N138385.50 E586041.30	No well found. Took photo. Found Exist Well Marked A5215 / 49-13E 4 ft sq. conc. vault w/pump over well. C/L 100 hp pump is 5.8ft east of A8780 staked position. 6" stl pipe runs to west from pump. Located @ N 138386.45, E 586042.79

SCAN DATA REPORT

Request No.: 072-136

Project No.:	Title: 699-49-7C WELL DECOMMISSIONING - WELL A8780	File No.: 600N-001

Job No.:	Prepared by:	Date:	Reviewer:	Page
65400801.1225400 homex-CA10	Rand Taylor	1/19/07	Jim Johnson	1 of 1

DESCRIPTION OF WORK:

User name h0056253 Date & Time 11:14:48 AM 1/19/2007
Coordinate System US State Plane 1983 Zone Washington South 4602
Project Datum NAD 1983 (Conus)
Vertical Datum NAVD 1988 Geoid Model Geoid03
Coordinate Units Meters
Distance Units Meters
Height Units Meters

Point listing

Name	Northing	Easting	Elevation	Feature Co
A8780	138385.500	586041.300	126.243	SIGNAL DETECTED

Performed a 20' radius scan at staked well location A8780.

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
B. Howard	1	1	
E.Rafuse	1	1	
S.Worley	1	1	
G. Kelty	1	1	
			4#

DATE OF FIELD INVESTIGATION: 1/18/07

Weather: Temp 15°F Wind 5 MPH
☐ Cloudy ☒ Clear ☐ P. Cloudy ☐ Fog

Soil Conditions: ☐ Rocky ☐ Sandy ☐ Wet ☒ Dry
Depth of Investigation N/A feet

Equipment Used:	Required Functional Checks Current/Completed
____ 50/60 Hz detector (for energized lines)	☐
____ Radio Frequency Electromagnetics (RF)	☐
____ Ground Penetrating Radar (GPR)	☐
x Other (identify) Magnetometer G-858/ Metal Detector	☒

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

Documentation Provided: Sketch of well locations

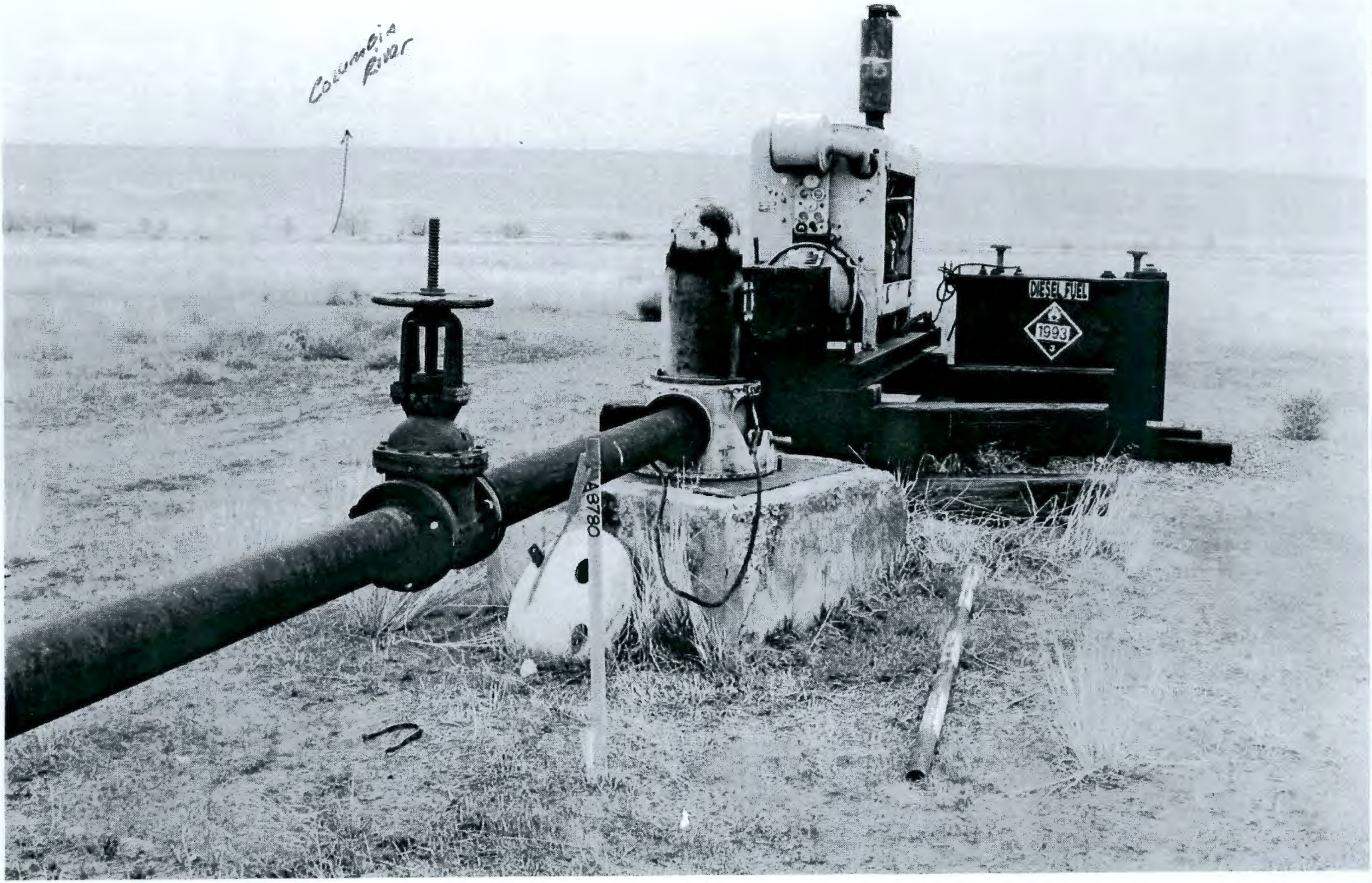
Limits of Investigation: Performed a 20' radius scan at staked well location A8780.

EQUIPMENT LIMITATIONS:

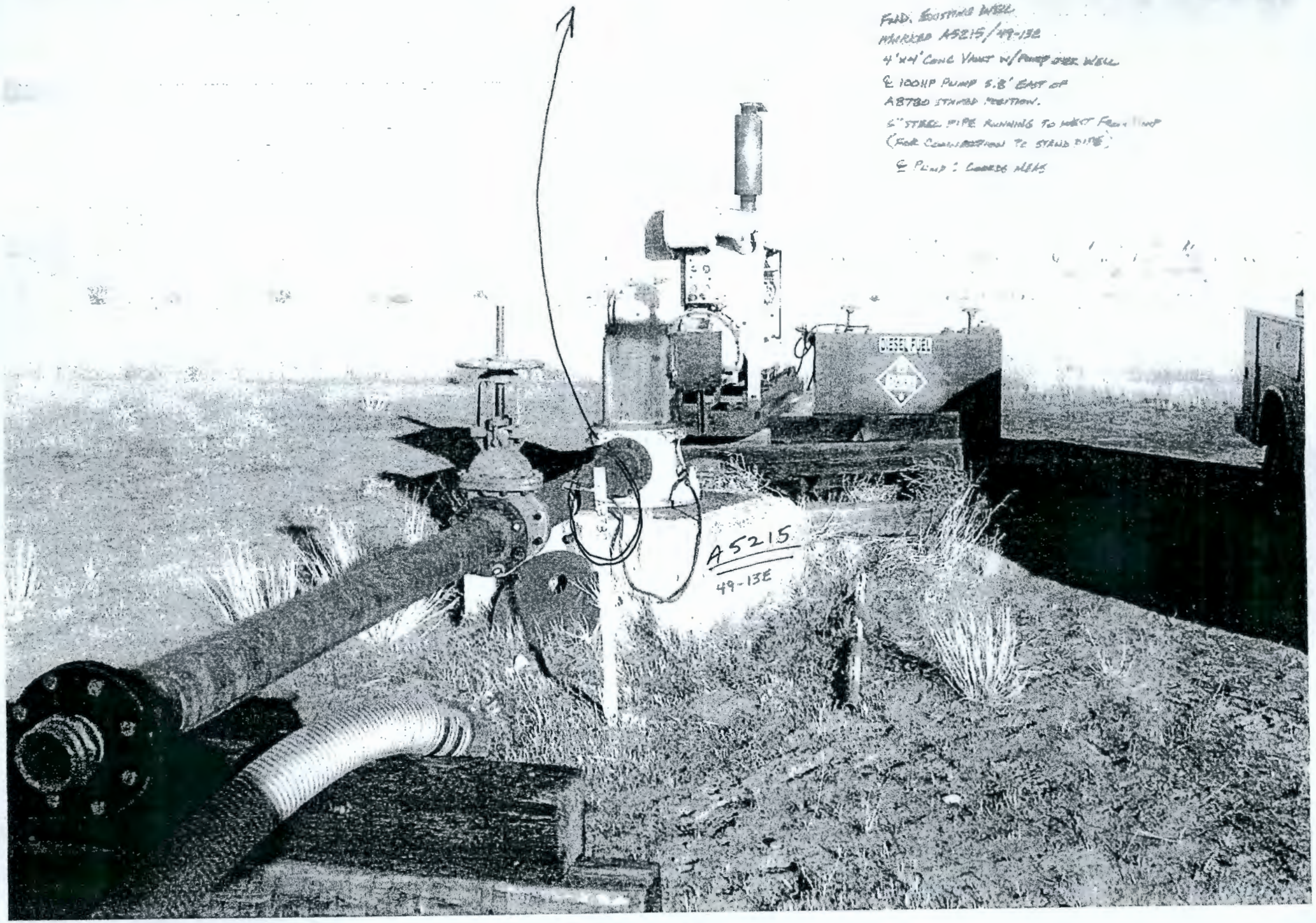
1. Objects made of concrete, clay pipe, PVC pipe, and fiberglass pipe are generally not detectable.
2. The transducers have a horizontal scanning limit to existing structures: the 1000 MHz is within 6 in. of an existing structure; the 500 MHz is within 1 ft. of an existing structure; the 400 MHz is within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

Discussion of Findings: Note, A underground signal was detected approximately 15 south of the staked well location.
Note, Was not able to verify if the signal was well.

699-49-7C (A8780) LOCATE 2" CAN COMPLETED, WELL DECOMMISSIONED 1-1-87



A8780 699-49-7C



Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMI
A8780	699-49-7C	06/30/1943		45	ft	

HANFORD INTERNATIONAL #9 TEST HOLE

Started drilling - June, 1943
Finished drilling- " "

Elev. Top of Casing - 386.65
Ground Elevation - 382.00

Coordinates - E.7066.6
N.39.3

8 Inch Casing set at 45 feet
3" Pipe pulled & perforated 2"
Set about 349.00

Formation Record

0	6	6	Sand
6	18	6	Sand & boulders
18	33	3	Sand, coarse gravel
33	45 plus		Yellow silt

Static - 6/14/43
Depth - 15.0
Elev. - 367.33

A8780 699-49-7C ~~100 HAN-13~~ 699-HAN-13

699-51-17 A8822

699-51-17 A8822

SEE SURVEY & SCAN REPORT
WELL HAS BEEN DECOMMISSIONED
EW
07/29/07

WELL ATTRIBUTES REPORT

ELD ORDER NO				LAST INSPECTION	1/1/1801
WELL ID	A8822			NORTHING	140011
WELL NAME	699-51-17	CONST DATE		EASTING	584766
HOST WELL ID		CONST DEPTH		ELEVATION	127.736

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	☐ YES ☐ NO ☑ ND*	WELL PAD	☐ YES ☐ NO
BRASS SURVEY MARKER	☐ YES ☐ NO ☑ ND*	BRASS SURVEY MARKER	☐ YES ☐ NO
MARKER STAMPED WITH SURVEY DATA	☐ YES ☐ NO ☑ ND*	MARKER STAMPED WITH SURVEY DATA	☐ YES ☐ NO
MARKER STAMPED WITH WELL ID DATA	☐ YES ☐ NO ☑ ND*	MARKER STAMPED WITH WELL ID DATA	☐ YES ☐ NO
WELL LABELED WITH WELL ID	☐ YES ☐ NO ☑ ND*	WELL LABELED WITH WELL ID	☐ YES ☐ NO
WELL LABELED WITH WELL NAME	☐ YES ☐ NO ☑ ND*	WELL LABELED WITH WELL NAME	☐ YES ☐ NO
PROTECTIVE POSTS	☐ YES ☐ NO ☑ ND*	PROTECTIVE POSTS	☐ YES ☐ NO
REMOVABLE POST IN PLACE	☐ YES ☐ NO ☑ ND*	REMOVABLE POST IN PLACE	☐ YES ☐ NO
WELL LOCK	☐ YES ☐ NO ☑ ND*	WELL LOCK	☐ YES ☐ NO
WELL DAMAGED	☐ YES ☐ NO ☑ ND*	WELL DAMAGED	☐ YES ☐ NO
WELL IS DRY	☐ YES ☐ NO ☑ ND*	WELL IS DRY	☐ YES ☐ NO
PARTED CASING	☐ YES ☐ NO ☑ ND*	PARTED CASING	☐ YES ☐ NO
BENTONITE IN WELL	☐ YES ☐ NO ☑ ND*	BENTONITE IN WELL	☐ YES ☐ NO
WELL SANDED IN	☐ YES ☐ NO ☑ ND*	WELL SANDED IN	☐ YES ☐ NO
LAPSED CASING	☐ YES ☐ NO ☑ ND*	COLLAPSED CASING	☐ YES ☐ NO
QUIPMENT IN WELL	☐ YES ☐ NO ☑ ND*	EQUIPMENT IN WELL	☐ YES ☐ NO
DEBRIS IN WELL	☐ YES ☐ NO ☑ ND*	DEBRIS IN WELL	☐ YES ☐ NO
SURFACE EROSION	☐ MAJOR ☐ NONE ☐ MINOR ☑ ND*	SURFACE EROSION	☐ MAJOR ☐ NONE ☐ MINOR
LAST PUMP INFORMATION		**CURRENT PUMP INFORMATION**	
PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ REPLACED ☐ REMOVED ☑ ND*	PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ REPLACED ☐ REMOVED
PUMP TESTED	☐ YES ☐ NO ☑ ND*	PUMP TESTED	☐ YES ☐ NO
NEW PUMP	☐ YES ☐ NO ☑ ND*	NEW PUMP	☐ YES ☐ NO
ACTIVITY PEFORMED BY	ND*	ACTIVITY PEFORMED 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	
BING LENGTH (ft)		TUBING LENGTH (ft)	
BING CONNECTION	ND*	TUBING CONNECTION	

ND* - Not Documented

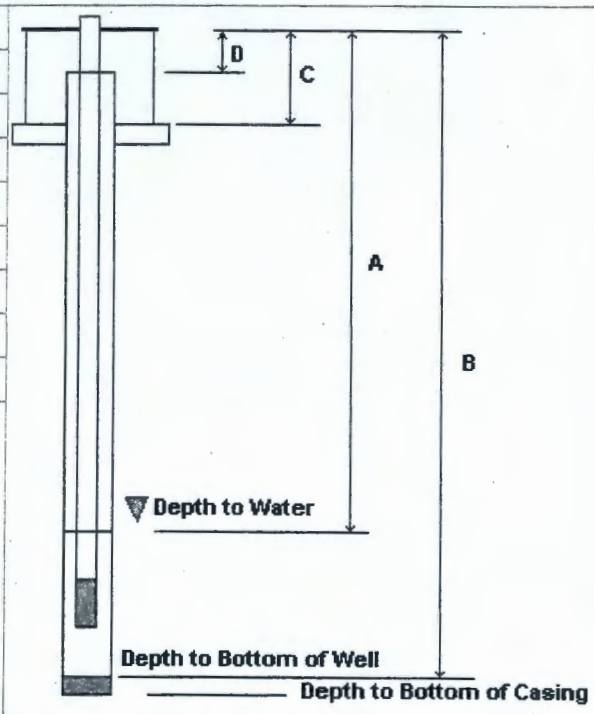
SEE SURVEY AND SCAN REPORT
WELL HAS BEEN DECOMMISSIONED
SLL 01/29/07

WELL ATTRIBUTES REPORT

FIELD ORDER NO				LAST INSPECTION	1/1/1801
WELL ID	A8822			NORTHING	140011
WELL NAME	699-51-17	CONST DATE		EASTING	584766
HOST WELL ID		CONST DEPTH		ELEVATION	127.736

MEASUREMENT INFORMATION

		LAST	CURRENT
A	DEPTH TO WATER(ft)		
	DEPTH TO WATER DATE		
B	DEPTH TO BOTTOM(ft)	60	
	DEPTH TO BOTTOM DATE		
C	STICK UP(ft)		
D	REFERENCE MARK(ft)		
	REFERENCE MARK IS TOC	☐ YES ☐ NO ☑ ND*	☐ YES ☐ 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

7/28/2006

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	COORDINATES PLANT NS/EW	CASING ELEV / WELL DIAM / DATE COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH WATER	PERF/SCREEN TYPE	PERF/SCREEN DIAM	PERF/SCREEN TOP	PERF/SCREEN BOT	COMMENTS / PREVIOUS WELL NAMES
699-50-95									CASING REMOVED
AB			6.0						
			12/48						13/25-33D1R1
699-50-96		49718.00	800.41	1106.0					BWIP WELL DH-28; ABANDONED
AB		-96424.00	3.9	747.0					
			12/83						DH-28
699-50-98		49716.00	794.37						BWIP WELL DH-29; ABANDONED
AB		-97924.00	3.9	100.0					
									DH-29
699-50-99		49720.00	793.91	730.0					BWIP WELL DH-27; ABANDONED
AB		-98743.00	3.9						
			11/83						DH-27
699-51-7			400.00						
VW			24.0						
									13/28-30J1
699-51-13		50807.00	400.37	80.0					FILLED IN
AB		-12508.00	6.0	80.0					
			12/43	45.0					699-HAN-12, HD-12W
699-51-17			415.60	59.0					FILLED IN
			60.0	60.0					
									13/27-26Q1, WHITWAR, 699-HAN-34
699-51-19									
GW									
B									GOLDER 38
699-51-36A									DEEPENED 10/77, SCREEN 843-893'
GW									
									699-51-36, DE-10, GM-7
699-51-36B						5.0	118.0	160.0	4" PLASTIC LINER.
GW									
									GOLDER 72
699-51-36C		51096.00	517.55	602.0	P	6.0	118.0	160.0	80 FT. DRILL ROD IN HOLE
GW		-35973.00	6.0						
			8/80	110.0					GOLDER 90
699-51-36D		50941.00	512.49	700.0					GOLDER WELL 95
GW		-35897.00	4.0						
			12/80	119.0					GOLDER 95

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

Query HWIS again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIF
A8822	699-51-17	BHI	NAD83(91)	01/01/1801	ESTIMATED	140011	584766	m	P

SURVEY DATA REPORT				Request No. 071-113
Project No.	Title: Well Decommissioning A8822 699-51-77			File No. 6AT13R27
Job No. 65400811.1225400 CA10	Prepared By Tim Johnson	Date 1/11/07	Reviewer SAW	Page 1 of 1

DESCRIPTION OF WORK	DISTRIBUTION	SDR	PLOT	DWG
Stake / Search location of Well A8822 at coordinates given and report if above ground evidence exists.	Survey File	OR		
	E.C. Rafuse	1		
Horizontal Datum: WCS83S/91 (Meters)	B.J. Howard	1		
	G.G. Kelty	1		

SURVEY RESULTS AND COMMENTS

Well ID	Coordinates Given	Description
A8822	N140011.000 E584766.000	No well found. Set hub and lath. Took photo.

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)

This information is PROPRIETARY and is provided solely for use in conjunction with work managed and controlled by Fluor Federal Services.

SCAN DATA REPORT

Request No.: 072-136		
Project No.: NA	Title: 699-51-17 WELL DECOMMISSIONING - WELL A8822	File No.: 600N-001
Job No.: 65400801.1225400 homex-CA10	Prepared by: Rand Taylor	Date: 1/19/07
Reviewed: Tim Johns		Page 1 of 1

DESCRIPTION OF WORK:

Performed a 10' radius scan at staked well location A8822.

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

DATE OF FIELD INVESTIGATION: 1/19/07

Weather: Temp 15°F Wind 5 MPH

☐ Cloudy ☒ Clear ☐ P. Cloudy ☐ Fog

Soil Conditions: ☐ Rocky ☐ Sandy ☐ Wet ☒ Dry

Depth of Investigation N/A feet

Equipment Used:	Required Functional Checks Current/Completed
___ 50/60 Hz detector (for energized lines)	☐
___ Radio Frequency Electromagnetics (RF)	☐
___ Ground Penetrating Radar (GPR)	☐
x Other (identify) Magnetometer G-858/ Metal Detector	☒

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 A8822.

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

699-51-17 (A8822) LO -e * SCAN COMPLETED 11-7-88
WELL DECOMMISSIONED

A8822

SEE SURVEY DATA & SCAN REPORT
ALSO SEE PHOTOS - WELL DIAGRAM.
ELW 01/31/07

WELL ATTRIBUTES REPORT

FIELD ORDER NO				LAST INSPECTION	1/1/1801
WELL ID	A8831			NORTHING	139425.687
WELL NAME	699-52-14B	CONST DATE		EASTING	585723.273
HOST WELL ID		CONST DEPTH		ELEVATION	121.45

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	☐ YES ☐ NO ☑ ND*	WELL PAD	☐ YES ☐ NO
BRASS SURVEY MARKER	☐ YES ☐ NO ☑ ND*	BRASS SURVEY MARKER	☐ YES ☐ NO
MARKER STAMPED WITH SURVEY DATA	☐ YES ☐ NO ☑ ND*	MARKER STAMPED WITH SURVEY DATA	☐ YES ☐ NO
MARKER STAMPED WITH WELL ID DATA	☐ YES ☐ NO ☑ ND*	MARKER STAMPED WITH WELL ID DATA	☐ YES ☐ NO
WELL LABELED WITH WELL ID	☐ YES ☐ NO ☑ ND*	WELL LABELED WITH WELL ID	☐ YES ☐ NO
WELL LABELED WITH WELL NAME	☐ YES ☐ NO ☑ ND*	WELL LABELED WITH WELL NAME	☐ YES ☐ NO
PROTECTIVE POSTS	☐ YES ☐ NO ☑ ND*	PROTECTIVE POSTS	☐ YES ☐ NO
REMOVABLE POST IN PLACE	☐ YES ☐ NO ☑ ND*	REMOVABLE POST IN PLACE	☐ YES ☐ NO
WELL LOCK	☐ YES ☐ NO ☑ ND*	WELL LOCK	☐ YES ☐ NO
WELL DAMAGED	☐ YES ☐ NO ☑ ND*	WELL DAMAGED	☐ YES ☐ NO
WELL IS DRY	☐ YES ☐ NO ☑ ND*	WELL IS DRY	☐ YES ☐ NO
PARTED CASING	☐ YES ☐ NO ☑ ND*	PARTED CASING	☐ YES ☐ NO
BENTONITE IN WELL	☐ YES ☐ NO ☑ ND*	BENTONITE IN WELL	☐ YES ☐ NO
WELL SANDED IN	☐ YES ☐ NO ☑ ND*	WELL SANDED IN	☐ YES ☐ NO
COLLAPSED CASING	☐ YES ☐ NO ☑ ND*	COLLAPSED CASING	☐ YES ☐ NO
EQUIPMENT IN WELL	☐ YES ☐ NO ☑ ND*	EQUIPMENT IN WELL	☐ YES ☐ NO
DEBRIS IN WELL	☐ YES ☐ NO ☑ ND*	DEBRIS IN WELL	☐ YES ☐ NO
SURFACE EROSION	☐ MAJOR ☐ NONE ☐ MINOR ☑ ND*	SURFACE EROSION	☐ MAJOR ☐ NONE ☐ MINOR

LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ REPLACED ☐ REMOVED ☑ ND*	PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ REPLACED ☐ REMOVED
PUMP TESTED	☐ YES ☐ NO ☑ ND*	PUMP TESTED	☐ YES ☐ NO
NEW PUMP	☐ YES ☐ NO ☑ ND*	NEW PUMP	☐ YES ☐ NO
ACTIVITY PEFORMED BY	ND*	ACTIVITY PEFORMED 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

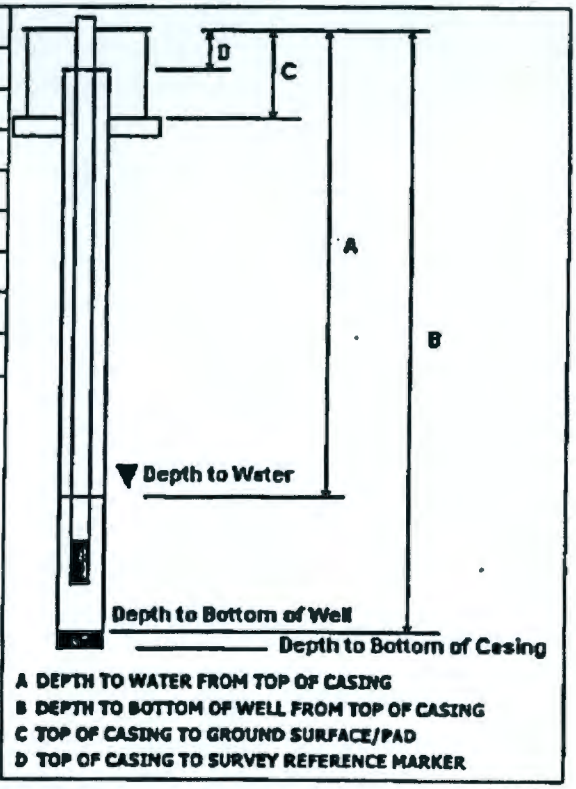
SEE SURVEY DATA & SCAN REPORT
ALSO SEE PHOTOS - WELL DECOMM. EJR 01/31/07

WELL ATTRIBUTES REPORT

FIELD ORDER NO				LAST INSPECTION	1/1/1801
WELL ID	A8831			NORTHING	139425.687
WELL NAME	699-52-14B	CONST DATE		EASTING	585723.273
HOST WELL ID		CONST DEPTH		ELEVATION	121.45

MEASUREMENT INFORMATION

		LAST	CURRENT
A	DEPTH TO WATER(ft)		/
	DEPTH TO WATER DATE		DECOMM
B	DEPTH TO BOTTOM(ft)	100	
	DEPTH TO BOTTOM DATE		/
C	STICK UP(ft)		
D	REFERENCE MARK(ft)		
	REFERENCE MARK IS TOC	☐ YES ☐ NO ☑ ND*	☐ YES ☐ 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

7/28/2006

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	COORDINATES PLANT NS/EW	CASING ELEV / WELL DIAM / DATE_COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH_WATER	PERF/SCREEN TYPE	PERF/SCREEN DIAM	PERF/SCREEN TOP	PERF/SCREEN BOT	COMMENTS / PREVIOUS WELL NAMES
699-51-46		50915.00	444.63	168.0	S	8.0	113.0	163.0	10 OR 20 SLOT SCREEN
GW		-46414.00	8.0	163.0					
B			4/80	38.2					
699-51-63		51449.00	571.84	184.6	P	8.0	157.0	183.0	CEMENT PLUG @ 180'; WELL RE-
GW		-63060.00	8.0	183.5					DRILLER-GEOLOGY FROM 1ST HOLE
S			11/56	164.0					
699-51-75		50667.00	641.51	382.0	P	8.0	190.0	370.0	CEMENT PLUG AT 235 FT. PIEZ.
GW		-75151.00	8.0	235.0					TUBES REMOVED 9/75.
S			10/57	193.0					
699-51-75O		50667.00	641.77	230.0	P	1.5	210.0	230.0	REMOVED
AB		-75151.00	1.5	231.0					
			4/65	193.0					
699-51-75P		50667.00	641.51	375.0	P	1.5	370.0	375.0	60 SLOT SCREEN
GW		-75151.00	1.5	375.0	P	8.0	190.0	370.0	
			5/77	193.0					
699-51-75Q		50667.00	641.78		P	1.5	273.0	293.0	REMOVED
AB		-75151.00	1.5	289.0					
				193.0					
699-52-13		51646.00	392.78	66.0	P	12.0	30.0	59.0	FILLED IN
AB		-12801.00	12.0	66.0					
			7/43	30.0					699-HAN-3, HD-3W
699-52-14A		51820.00	393.21	65.0	P	12.0	30.0	52.0	FILLED IN
AB		-14071.00	12.0	65.0					
			6/43	30.0					699-HAN-4, HD-4W
699-52-14B		52207.00	394.97	100.0	P	12.0	22.0	90.0	CASING REMOVED
AB		-13645.00	12.0	100.0					
			8/43	30.0					699-HAN-2, HD-2W
699-52-17									GOLDER WELL #39
GW									GOLDER 39
699-52-18A									WELDED COVER; HANFORD DURAND
GW									NO. 14 WELL
									699-HAN-14, HD-14W
699-52-18B							70.0	80.0	FILLED IN; HANFORD DURAND NO.
AB									15 TEST HOLE
									699-HAN-15, HD-14TH

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

[illegible] (A8881), [illegible], [illegible] 01/31/-.

TOWNSITE
699-32-14B AS PER CONDITION

Query HWIS again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A8831	699-52-14B	UNKNOWN	NAD83	01/01/1801	CONVERTED	139425.687	585723.273	m	

SURVEY DATA REPORT

Request No. 071-113

Project No.	Title: Well Decommissioning A8831 699-S2-14B	File No. 6AT13R27

Job No.	Prepared By	Date	Reviewer	Page
65400811.1225400 CA10	Tim Johnson	1/11/07	SAW	1 of 1

DESCRIPTION OF WORK	DISTRIBUTION	SDR	PLOT	DWG
Stake / Search location of Well A8831 at coordinates given and report if above ground evidence exists.	Survey File	OR		
	E.C. Rafuse	1		
Horizontal Datum: WCS83S/91 (Meters)	B.J. Howard	1		
	G.G. Kelty	1		

SURVEY RESULTS AND COMMENTS

Well ID	Coordinates Given	Description
A8831	N139425.687 E585723.273	No well found. Set hub and lath. Took photo.

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)

This information is PROPRIETARY and is provided solely for use in conjunction with work managed and controlled by Fluor Federal Services.

SCAN DATA REPORT

Request No.: 072-136

Project No.:	Title:	File No.:
NA	699-S2-14B WELL DECOMMISSIONING - WELL A8831	600N-001

Job No.:	Prepared by:	Date:	Reviewer:	Page
65400801.1225400 homex-CA10	Rand Taylor	1/19/07	Tim Johnson	1 of 1

DESCRIPTION OF WORK:

User name h0056253 Date & Time 11:14:48 AM 1/19/2007
Coordinate System US State Plane 1983 Zone Washington South 4602
Project Datum NAD 1983 (Conus)
Vertical Datum NAVD 1988 Geoid Model Geoid03
Coordinate Units Meters
Distance Units Meters
Height Units Meters
Point listing

A8831 139425.687 585723.273 120.919 SIGNAL DETECTED
Performed a 20' radius scan at staked well location A8831.

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
B. Howard	1	1	
E.Rafuse	1	1	
S.Worley	1	1	
G. Kelty	1	1	
			2#

DATE OF FIELD INVESTIGATION: 1/18/07

Weather: Temp 15°F Wind 5 MPH
☐ Cloudy ☒ Clear ☐ P. Cloudy ☐ Fog

Soil Conditions: ☐ Rocky ☐ Sandy ☐ Wet ☒ Dry
Depth of Investigation N/A feet

Equipment Used:	Required Functional Checks Current/Completed
____ 50/60 Hz detector (for energized lines)	☐
____ Radio Frequency Electromagnetics (RF)	☐
____ Ground Penetrating Radar (GPR)	☐
x Other (identify) Magnetometer G-858/ Metal Detector	☒

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

Documentation Provided: Sketch of well locations

Limits of Investigation: Performed a 20' radius scan at staked well location A8831.

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: Note, A underground signal was detected approximately 16' east of the staked well location.
Note,Was not able to verify if the signal was well.

699-53-51 B8695

699-53-51 B8695

SEE SURVEY DATA & SCAN REPORT
WELL DECOMMISSIONED

WELL ATTRIBUTES REPORT

ELW 05/07/07

FIELD ORDER NO				LAST INSPECTION	1/1/1801
WELL ID	B8695			NORTHING	139702.7
WELL NAME	699-53-51	CONST DATE		EASTING	574583.7
HOST WELL ID		CONST DEPTH		ELEVATION	136.4

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	☐ YES ☐ NO ☑ ND*	WELL PAD	☐ YES ☐ NO
BRASS SURVEY MARKER	☐ YES ☐ NO ☑ ND*	BRASS SURVEY MARKER	☐ YES ☐ NO
MARKER STAMPED WITH SURVEY DATA	☐ YES ☐ NO ☑ ND*	MARKER STAMPED WITH SURVEY DATA	☐ YES ☐ NO
MARKER STAMPED WITH WELL ID DATA	☐ YES ☐ NO ☑ ND*	MARKER STAMPED WITH WELL ID DATA	☐ YES ☐ NO
WELL LABELED WITH WELL ID	☐ YES ☐ NO ☑ ND*	WELL LABELED WITH WELL ID	☐ YES ☐ NO
WELL LABELED WITH WELL NAME	☐ YES ☐ NO ☑ ND*	WELL LABELED WITH WELL NAME	☐ YES ☐ NO
PROTECTIVE POSTS	☐ YES ☐ NO ☑ ND*	PROTECTIVE POSTS	☐ YES ☐ NO
REMOVABLE POST IN PLACE	☐ YES ☐ NO ☑ ND*	REMOVABLE POST IN PLACE	☐ YES ☐ NO
WELL LOCK	☐ YES ☐ NO ☑ ND*	WELL LOCK	☐ YES ☐ NO
WELL DAMAGED	☐ YES ☐ NO ☑ ND*	WELL DAMAGED	☐ YES ☐ NO
WELL IS DRY	☐ YES ☐ NO ☑ ND*	WELL IS DRY	☐ YES ☐ NO
PARTED CASING	☐ YES ☐ NO ☑ ND*	PARTED CASING	☐ YES ☐ NO
BENTONITE IN WELL	☐ YES ☐ NO ☑ ND*	BENTONITE IN WELL	☐ YES ☐ NO
WELL SANDED IN	☐ YES ☐ NO ☑ ND*	WELL SANDED IN	☐ YES ☐ NO
COLLAPSED CASING	☐ YES ☐ NO ☑ ND*	COLLAPSED CASING	☐ YES ☐ NO
QUIPMENT IN WELL	☐ YES ☐ NO ☑ ND*	EQUIPMENT IN WELL	☐ YES ☐ NO
DEBRIS IN WELL	☐ YES ☐ NO ☑ ND*	DEBRIS IN WELL	☐ YES ☐ NO
SURFACE EROSION	☐ MAJOR ☐ NONE ☐ MINOR ☑ ND*	SURFACE EROSION	☐ MAJOR ☐ NONE ☐ MINOR

LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ REPLACED ☐ REMOVED ☑ ND*	PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ REPLACED ☐ REMOVED
PUMP TESTED	☐ YES ☐ NO ☑ ND*	PUMP TESTED	☐ YES ☐ NO
NEW PUMP	☐ YES ☐ NO ☑ ND*	NEW PUMP	☐ YES ☐ NO
ACTIVITY PEFORMED BY	ND*	ACTIVITY PEFORMED 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)	
UBING CONNECTION	ND*	TUBING CONNECTION	

ND* - Not Documented

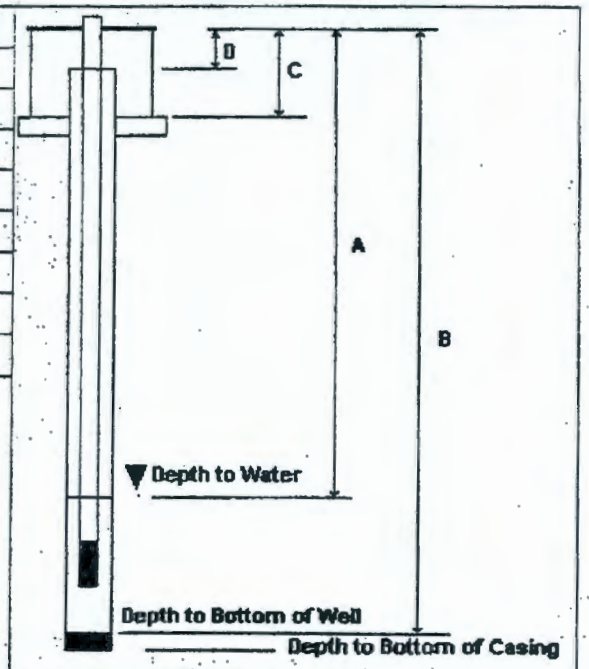
SEE SURVEY DATA & SCAN REPORT
WELL DECOMMISSIONED
SCH
05/07/07

WELL ATTRIBUTES REPORT

FIELD ORDER NO				LAST INSPECTION	1/1/1801
WELL ID	B8695			NORTHING	139702.7
WELL NAME	699-53-51	CONST DATE		EASTING	574583.7
HOST WELL ID		CONST DEPTH		ELEVATION	136.4

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	☐ YES ☐ NO ☑ ND*	☐ YES ☐ 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

Query HWIS again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIF
B8695	699-53-51	BHI	NAD83(91)	01/01/1801	CONVERTED	139702.7	574583.7	m	P

B8695 (699-53-51) is the same as
A5243 (699-53-50).

699-53-51 will be administratively decommissioned to remove the well duplication from the system. DC Weeks 6/13/07

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	COORDINATES PLANT NS/EW	CASING_ELEV / WELL_DIAM / DATE_COMPL	DRILL_DEPTH / COMPL_DEPTH / DEPTH_WATER	PERF/SCREEN TYPE	PERF/SCREEN DIAM	PERF/SCREEN TOP	PERF/SCREEN BOT	COMMENTS / PREVIOUS WELL NAMES
699-52-57	139115.59		561.80	159.7	S	4.0	149.1	159.5	
GW	572761.58		4.0	159.7	S	8.0	139.2	159.4	
H				155.0					
699-52-117		52000.00	1025.00	668.0					
OS		-117000.00	16.0						
			10/18						13/24-26M1, BROWN
699-52-118		52254.00	1091.70						
OS		-117954.00							
									13/24-27K1, 699-52-120, LEMCKE
699-53-13		52898.00	392.82	100.0	P	12.0	30.0	74.0	FILLED IN
AB		-13241.00	12.0	100.0					
			5/43	30.0					699-HAN-1, HD-1W
699-53-25				174.0	P	6.0	114.0	172.0	
GW			6.0	171.5					
			2/71	124.0					
699-53-35		53199.00	530.99	148.0					SCREEN
GW		-34763.00	6.0	145.0					
B			5/71	140.0					GM-4
699-53-47A		52518.00	438.28	41.0	P	6.0	22.0	33.0	
GW		-47463.00	6.0	41.0					
S			2/66	26.0					699-52-47, 699-53-47
699-53-47B							26.0	46.0	SCREEN 26-46 FT., GROUTED
GW									
S									
699-53-48A									GROUTED
GW									
S									
699-53-48B							17.5	27.0	SCREEN 24'-44'GROUTED
GW							27.0	37.0	
S									
699-53-50		53219.00	444.21	194.0	S	5.0	144.0	194.0	
GW		-50196.00	8.0	194.0					
S			4/80	39.9					
699-53-55A		53006.00	576.56	455.0	P	8.0	165.0	280.0	PLUG AT 270 FT.
GW		-55014.00	6.0	270.0					
H			8/61	173.0					

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

Same as 699-53-51

SCAN DATA REPORT

Request No.: 072-186			
Project No.: NA	Title: SCAN: Well Decommissioning / Well B8695	File No. : 600C-001	
Job No.: 65400811.1225400/CA10	Prepared by: S. Wray	Date: 3/19/07	Reviewer: [signature]
Page 1 of 1			

DESCRIPTION OF WORK:

Perform ground scan at staked well location, Well B8695

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
E. C. Rafuse	1		
B. J. Howard	1		
G.G. Kelty	1		

DATE OF FIELD INVESTIGATION: 3/19/07

Weather: Temp 65°F Wind 5 MPH

☐ Cloudy ☒ Clear ☐ P. Cloudy ☐ Fog

Soil Conditions: ☒ Rocky ☐ Sandy ☐ Wet ☒ Dry

Depth of Investigation 6 feet

Equipment Used:	Required Functional Checks Current/Completed
____ 50/60 Hz detector (for energized lines)	☐
x Radio Frequency Electromagnetics (RF)	☒
x Ground Penetrating Radar (GPR)	☒
____ Other (identify)	☐

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

Documentation Provided: NONE

Limits of Investigation: 20 ft square area around staked location.

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:

No evidence of well casing detected in scan area.

SURVEY DATA REPORT				Request No. 072-220
Project No. NA	Title: Well Decommissioning Well B8695			File No. 6AT13R26
Job No. 65400811.1225400 CA10	Prepared By S. Wray	Date 3/13/07	Reviewer	Page 1 of 1

DESCRIPTION OF WORK	DISTRIBUTION	SDR	PLOT	DWG
Stake / Search location of Well B8695 at coordinates given and report if above ground evidence exists.	Survey File	OR		
	B.J. Howard	1		
Horizontal Datum: WCS83S/91 (Meters)	E.C. Rafuse	1		
	G.G. Kelty	1		

SURVEY RESULTS AND COMMENTS

Well ID	Coordinates Given	Description
B8695	N 139702.70, E 574583.70	No evidence of said well in area. Set Hub & Lath. Location falls 2.1m NNW of Existing Well marked A5243 / 6-53-50.

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)

This information is PROPRIETARY and is provided solely for use in conjunction with work managed and controlled by Fluor Federal Services.

53-50
03/13/2007

WELL CONSTRUCTION AND COMPLETION SUMMARY

Drilling Method: Cable tool/Air rotary
Drilling Fluid Used: Not documented
Driller's Name: J. Bultena/R. Osborn
Drilling Company: Hatch Drilling Co
Date Started: 27Feb80

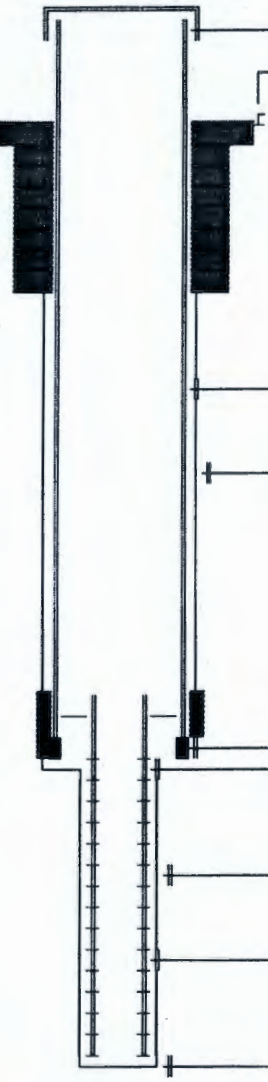
Sample Method: Hard tool (nom)
Additives Used: Not documented
WA State Lic Nr: Not documented
Company Location: Pasco, WA
Date Complete: 14Apr80

WELL NUMBER: 699-53-51
TEMPORARY WELL NO:
Hanford Coordinates: N/S N 53,218.6 E/W W 50,195.8
State Coordinates: N 458,392 E 2,244,992
Start Card #: Not documented T R S
Elevation Ground surface (ft): Not documented

Depth to water: 39.9-ft Apr80
(Ground surface) ~37-ft Dec91

GENERALIZED STRATIGRAPHY Driller's Log

0-4: Not documented
5,10: 30%cSAND, 70%GRAVEL
15: 20%mSAND, 70%GRAVEL, 10%SILT
20,25: 20%cSAND, 70%GRAVEL & COBBLES 10%SILT
30: 20%SILT & CLAY, 70%GRAVEL-COBBLES 10%cSAND
35: Tight GRAVEL & COBBLES
36: BASALT ┘CABLE TOOL┘ ┌AIR ROTARY┌
35-45: BASALT, black, med hard
45-80: BASALT, grey, very hard
80-90: BASALT, black, med
90-145: BASALT, grey, hard
145-146: CLAY, (sandy)
(Set 8-in casing to ~145-ft. Grouted casing and surface casing)
150,155: SILT & CLAY with some GRAVEL chips (tan)
160: SILT & SAND (light gray)
165: SILT and some black SAND (gray)
170: SILT and fine light tan colored SAND
180: Fine SAND & SILT (tan & gray)
185: Fine SAND & SILT (gray)
190: Fine SAND & CLAY (tan)
192-194: BASALT



Elevation of reference point: [444.21-ft] (top of casing)
Height of reference point above ground surface [ND]
Depth of surface seal [53-ft]
Type of surface seal: Grout outside 8-in casing as surface casing pulled
Pulled [10-in]
I.D. of riser pipe: [8-in]
Type of riser pipe: Carbon steel
Diameter of borehole: [9-in nom]
Depth 8-in casing [145-ft]
5-ft of blank 139-144-ft with packer
Diameter of borehole: [6-in nom]
Telescoping screen, 144-194-ft Johnson, #10-slot
Depth bottom of borehole: [194-ft]

Drawing By: RKL/6N53W51.ASB Date: 30Jun92

Reference: HANFORD WELLS

SUMMARY OF CONSTRUCTION DATA AND FIELD OBSERVATIONS
RESOURCE PROTECTION WELL - 699-53-51

WELL DESIGNATION	:	699-53-51
RCRA FACILITY	:	Not applicable
CERCLA UNIT	:	Not applicable
HANFORD COORDINATES	:	N 53,218.6 W 50,195.8
LAMBERT COORDINATES	:	N 4 , E 2, ,
DATE DRILLED	:	Apr80
DEPTH DRILLED (GS)	:	194-ft
MEASURED DEPTH (GS)	:	Not documented
DEPTH TO WATER (GS)	:	39.9-ft, May80;
(TOC)	:	39.5-ft, Dec91
CASING DIAMETER	:	8-in, carbon steel, +ND-145-ft
ELEV TOP OF CASING	:	444.21-ft
ELEV GROUND SURFACE	:	Not documented
PERFORATED INTERVAL	:	None
SCREENED INTERVAL	:	144-194-ft, telescoping, #10-slot, Johnson
COMMENTS	:	FIELD INSPECTION, OTHER:
AVAILABLE LOGS	:	Driller
TV SCAN COMMENTS	:	Not applicable
DATE EVALUATED	:	Not applicable
EVAL RECOMMENDATION	:	Not applicable
LISTED USE	:	Water levels measured 14Jun82-01Dec91, semiannual w/l schedule PNL semiannual and annual water sample schedule
PUMP TYPE	:	Pump (type not documented)
MAINTENANCE	:	

WELL CONSTRUCTION AND COMPLETION SUMMARY

Drilling Method: Cable tool/Air rotary
Drilling Fluid Used: Not documented
Driller's Name: J. Bultena/R. Osborn
Drilling Company: Hatch Drilling Co
Date Started: 27Feb80

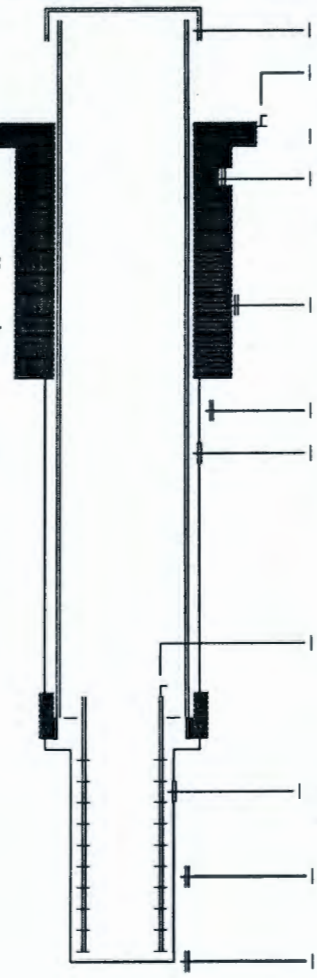
Sample Method: Hard tool (nom)
Additives Used: Not documented
WA State Lic Nr: Not documented
Company Location: Pasco, WA
Date Complete: 14Apr80

WELL NUMBER: 699-53-50 A5243
TEMPORARY WELL NO:
Hanford Coordinates: N/S N 53,218.6 E/W W 50,195.8
State Coordinates: N 458,392 E 2,244,992
Start Card #: Not documented T 13N R 25E S 25F1
Elevation Ground surface: 442.4-ft Estimated

Depth to water: 39.9-ft Apr80
(Ground surface) 39.6-ft, 01Jun94

GENERALIZED STRATIGRAPHY Driller's Log

0-4: Not documented
5,10: 30%cSAND, 70%GRAVEL
15: 20%mSAND, 70%GRAVEL, 10%SILT
20,25: 20%cSAND, 70%GRAVEL & COBBLES 10%SILT
30: 20%SILT & CLAY, 70%GRAVEL-COBBLES 10%cSAND
35: Tight GRAVEL & COBBLES
36: BASALT ┘CABLE TOOL┘ ┌AIR ROTARY┌
35-45: BASALT, black, med hard
45-80: BASALT, grey, very hard
80-90: BASALT, black, med
90-145: BASALT, grey, hard
145-146: CLAY, (sandy)
(Set 8-in casing to ~145-ft. Grouted casing and surface casing)
150,155: SILT & CLAY with some GRAVEL chips (tan)
160: SILT & SAND (light gray)
165: SILT and some black SAND (gray)
170: SILT and fine light tan colored SAND
180: Fine SAND & SILT (tan & gray)
185: Fine SAND & SILT (gray)
190: Fine SAND & CLAY (tan)
192-194: BASALT



Elevation of reference point: [444.21-ft] (top of casing)
Height of reference point above ground surface [1.8-ft]
Depth of surface seal [53-ft]
Type of surface seal: Cement grout to 53-ft between 8-in and 10-in surface casing as 10-in was being pulled
11-in nominal hole, 0-53-ft
9-in nominal hole, 53-145-ft
8-in ID carbon steel casing, +1.8-145-ft
Blank casing w/packer, 139-144-ft
Johnson telescoping screen, 144-194-ft, #10-slot
7-in nominal hole, 139-144-ft
Borehole drilled depth: [194-ft]

Drawing By: RKL/6N53W50.ASB
Date : 27Sep94
Reference : HANFORD WELLS

SUMMARY OF CONSTRUCTION DATA AND FIELD OBSERVATIONS
RESOURCE PROTECTION WELL - 699-53-50

WELL DESIGNATION	:	699-53-50
RCRA FACILITY	:	Not applicable
CERCLA UNIT	:	Not applicable
HANFORD COORDINATES	:	N 53,218.6 W 50,195.8
LAMBERT COORDINATES	:	N 458,392 E 2,244,992
DATE DRILLED	:	Apr80
DEPTH DRILLED (GS)	:	194-ft
MEASURED DEPTH (GS)	:	Not documented
DEPTH TO WATER (GS)	:	39.9-ft, May80; 39.6-ft, 01Jun94
CASING DIAMETER	:	8-in, carbon steel, +1.8-145-ft
ELEV TOP OF CASING	:	444.21-ft
ELEV GROUND SURFACE	:	442.4-ft, Estimated
PERFORATED INTERVAL	:	None
SCREENED INTERVAL	:	144-194-ft, Johnson telescoping, #10-slot,
COMMENTS	:	FIELD INSPECTION, 28Jan92, 8-in carbon steel casing. Capped and locked 2-ft pad, has posts, no permanent identification. Not in radiation zone. OTHER:
AVAILABLE LOGS	:	Driller
TV SCAN COMMENTS	:	Not applicable
DATE EVALUATED	:	Not applicable
EVAL RECOMMENDATION	:	Not applicable
LISTED USE	:	Sitewide semiannual w/l measurement 14Jun82-01Jun94,
CURRENT USER	:	WHC ES&M w/l monitoring, PNL sitewide sampling and w/l monitoring
PUMP TYPE	:	Electric submersible
MAINTENANCE	:	

Query HWIS again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUA
A5243	699-53-50	USACE(JECA)	NAD83(91)	09/30/1994	UNKNOWN	139700.592	574584.129	m	

699-57-16 A8892

699-57-16 A8892

SEE SCAN AND LOCATE REPORTS.
THIS WELL HAS BEEN DECOMMISSIONED
BLW 01/25/07

WELL ATTRIBUTES REPORT

FIELD ORDER NO				LAST INSPECTION	1/1/1801
WELL ID	A8892			NORTHING	140807.61
WELL NAME	699-57-16	CONST DATE		EASTING	584953.501
HOST WELL ID		CONST DEPTH		ELEVATION	118.202

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	☐ YES ☐ NO ☑ ND*	WELL PAD	☐ YES ☐ NO
BRASS SURVEY MARKER	☐ YES ☐ NO ☑ ND*	BRASS SURVEY MARKER	☐ YES ☐ NO
MARKER STAMPED WITH SURVEY DATA	☐ YES ☐ NO ☑ ND*	MARKER STAMPED WITH SURVEY DATA	☐ YES ☐ NO
MARKER STAMPED WITH WELL ID DATA	☐ YES ☐ NO ☑ ND*	MARKER STAMPED WITH WELL ID DATA	☐ YES ☐ NO
WELL LABELED WITH WELL ID	☐ YES ☐ NO ☑ ND*	WELL LABELED WITH WELL ID	☐ YES ☐ NO
WELL LABELED WITH WELL NAME	☐ YES ☐ NO ☑ ND*	WELL LABELED WITH WELL NAME	☐ YES ☐ NO
PROTECTIVE POSTS	☐ YES ☐ NO ☑ ND*	PROTECTIVE POSTS	☐ YES ☐ NO
REMOVABLE POST IN PLACE	☐ YES ☐ NO ☑ ND*	REMOVABLE POST IN PLACE	☐ YES ☐ NO
WELL LOCK	☐ YES ☐ NO ☑ ND*	WELL LOCK	☐ YES ☐ NO
WELL DAMAGED	☐ YES ☐ NO ☑ ND*	WELL DAMAGED	☐ YES ☐ NO
WELL IS DRY	☐ YES ☐ NO ☑ ND*	WELL IS DRY	☐ YES ☐ NO
PARTED CASING	☐ YES ☐ NO ☑ ND*	PARTED CASING	☐ YES ☐ NO
BENTONITE IN WELL	☐ YES ☐ NO ☑ ND*	BENTONITE IN WELL	☐ YES ☐ NO
WELL SANDED IN	☐ YES ☐ NO ☑ ND*	WELL SANDED IN	☐ YES ☐ NO
COLLAPSED CASING	☐ YES ☐ NO ☑ ND*	COLLAPSED CASING	☐ YES ☐ NO
EQUIPMENT IN WELL	☐ YES ☐ NO ☑ ND*	EQUIPMENT IN WELL	☐ YES ☐ NO
DEBRIS IN WELL	☐ YES ☐ NO ☑ ND*	DEBRIS IN WELL	☐ YES ☐ NO
SURFACE EROSION	☐ MAJOR ☐ NONE ☐ MINOR ☑ ND*	SURFACE EROSION	☐ MAJOR ☐ NONE ☐ MINOR
LAST PUMP INFORMATION		**CURRENT PUMP INFORMATION**	
PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ REPLACED ☐ REMOVED ☑ ND*	PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ REPLACED ☐ REMOVED
PUMP TESTED	☐ YES ☐ NO ☑ ND*	PUMP TESTED	☐ YES ☐ NO
NEW PUMP	☐ YES ☐ NO ☑ ND*	NEW PUMP	☐ YES ☐ NO
ACTIVITY PEFORMED BY	ND*	ACTIVITY PEFORMED 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

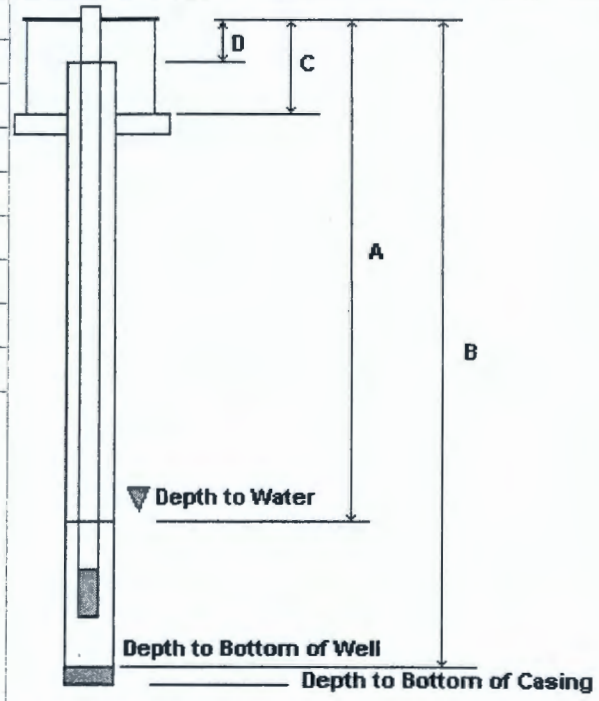
SEE SCAN & LOCATE REPORTS
THIS WELL HAS BEEN DECOMMISSIONED
ECW 01/29/07

WELL ATTRIBUTES REPORT

FIELD ORDER NO				LAST INSPECTION	1/1/1801
WELL ID	A8892			NORTHING	140807.61
WELL NAME	699-57-16	CONST DATE		EASTING	584953.501
HOST WELL ID		CONST DEPTH		ELEVATION	118.202

MEASUREMENT INFORMATION

		LAST	CURRENT
A	DEPTH TO WATER(ft)		
	DEPTH TO WATER DATE		
B	DEPTH TO BOTTOM(ft)	42	
	DEPTH TO BOTTOM DATE		
C	STICK UP(ft)		
D	REFERENCE MARK(ft)		
	REFERENCE MARK IS TOC	☐ YES ☐ NO ☑ ND*	☐ YES ☐ 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

7/28/2006

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	COORDINATES PLANT NS/EW	CASING ELEV / WELL DIAM / DATE_COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH_WATER	PERF/SCREEN TYPE	PERF/SCREEN DIAM	PERF/SCREEN TOP	PERF/SCREEN BOT	COMMENTS / PREVIOUS WELL NAMES
699-56-42C			527.10	354.0					
GW			6.0						GOLDER G-11
			2/81						4" PVC TO 670 FT.
699-56-42D			559.90	670.0					
GW			4.0						GOLDER G-18
			4/81						4" PVC TO 700 FT.
699-56-42E			538.10	700.0					
GW			4.0						GOLDER G-19
			5/81	145.0					4" PVC TO 520 FT.
699-56-42F			524.70	520.0					
GW			4.0						GOLDER G-21
			6/81	198.0					SCREEN 138-155
699-56-43		56261.00	540.42	155.0	P	6.0	130.0	137.0	
GW		-43048.00	6.0	155.0	S	5.0	145.0	155.0	GM-1
B			6/71	146.0					SCREEN 55-105 FT.; GROUTED.
699-56-51		56000.00		105.0					
GW		-50500.00	10.0						699-56-50
			7/84						10" LINER TO 104 FT.
699-56-53		56343.00	434.34	270.0	S	6.0	190.0	270.0	
GW		-52779.00	8.0	270.0					699-57-53
B			3/82	32.0					FILLED IN
699-57-16		56772.00	384.32	41.0	P	24.0	25.0	35.0	
AB		-16159.00	24.0	42.0					699-HAN-7, HD-7W
			9/43	20.0					FILLED IN
699-57-21									
AB									REF.2, T-1764
699-57-25A							52.0	80.0	DEEPENED 1/74, SCREEN REMOVED
GW									GM-14
S									
699-57-25B									
GW									
699-57-26			412.00	51.0	P	36.0	50.0	65.0	FILLED IN
AB			36.0						REF.2 NO.28

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

Query HWIS again

IWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A8892	699-57-16	UNKNOWN	NAD83	01/01/1801	CONVERTED	140807.61	584953.501	m	

SURVEY DATA REPORT				Request No. 071-113
Project No.	Title: Well Decommissioning A8892 699-57-16			File No. 6AT13R27
Job No. 65400811.1225400 CA10	Prepared By Tim Johnson	Date 1/11/07	Reviewer SAW	Page 1 of 1

DESCRIPTION OF WORK	DISTRIBUTION	SDR	PLOT	DWG
Stake / Search location of Well A8892 at coordinates given and report if above ground evidence exists.	Survey File	OR		
	E.C. Rafuse	1		
Horizontal Datum: WCS83S/91 (Meters)	B.J. Howard	1		
	G.G. Kelty	1		

SURVEY RESULTS AND COMMENTS

Well ID	Coordinates Given	Description
A8892	N140807.610 E584953.501	No well found. Set hub and lath. Took photo.

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

E-NW-246 (09/04)

This information is PROPRIETARY and is provided solely for use in conjunction with work managed and controlled by Fluor Federal Services.

SCAN DATA REPORT

Request No.: 072-136

Project No.:	Title:	File No.:
NA	699-57-76 WELL DECOMMISSIONING - WELL A8892	600N-001

Job No.:	Prepared by:	Date:	Reviewer:	Page
65400801.1225400 homex-CA10	Rand Taylor	1/19/07	Jim Johnson	1 of 1

DESCRIPTION OF WORK:

User name h0056253 Date & Time 11:14:48 AM 1/19/2007
Coordinate System US State Plane 1983 Zone Washington South 4602
Project Datum NAD 1983 (Conus)
Vertical Datum NAVD 1988 Geoid Model Geoid03
Coordinate Units Meters
Distance Units Meters
Height Units Meters

Name	Northing	Easting	Elevation	Feature Code
A8892	140807.610	584953.501	118.765	SIGNAL DETECTED

Performed a 20' radius at the staked well location A8892

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
B. Howard	1	1	
E.Rafuse	1	1	
S.Worley	1	1	
G. Kelty	1	1	
			4#

DATE OF FIELD INVESTIGATION: 1/18/07

Weather: Temp 15°F Wind 5 MPH
☐ Cloudy ☒ Clear ☐ P. Cloudy ☐ Fog

Soil Conditions: ☐ Rocky ☐ Sandy ☐ Wet ☒ Dry
Depth of Investigation N/A feet

Equipment Used:	Required Functional Checks Current/Completed
____ 50/60 Hz detector (for energized lines)	☐
____ Radio Frequency Electromagnetics (RF)	☐
____ Ground Penetrating Radar (GPR)	☐
x Other (identify) Magnetometer G-858/ Metal Detector	☒

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

Documentation Provided: Sketch of well locations

Limits of Investigation: Performed a 20' radius scan at staked well location A8892.

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: Note, A underground signal was detected north of the staked well location.
Note, Was not able to verify if the signal was well.

699 ~~HAN-7~~ -57-16 (Han-7)
Location: N56772, W16159 13/27-23R1
Casing Elevation: 384.32
Cable tool, drilled by Durand Drilling Company
for duPont Company, 1943

Material	Thickness	Depth
Topsoil-sandy brown clay	20	20
Coarse sand & gravel	9	29
Coarse gravel & cobble rock . . .	9	38
Brown clay	3	41

HANFORD WELLS
PNL-8800 UC-903
M.A. Chamness & J.K. Merz
August 1993
Prepared for U.S. Dept of Energy under
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Pacific NW Lab by Battelle Memorial Institute

A8892

699-S7-16(A8892) WELL DECOMMISSIONED 01/26/87

HANFORD DURAND NO. 7 WELL

Started Drilling - 9/10/43
Finished Drilling- 9/18/43

Top of Casing - 384.32
Ground Elev. - 382.70

Coordinates - N.1062.02
W.4963.41

24 Inch Casing at 40 feet

Formation Record

0	20	20	Top soil - sandy, brown clay
20	29	9	Coarse sand and gravel
29	38	9	Coarse gravel and cobble rock
38	41	3	Brown clay

Plug - Top concrete plug 341.0

Perforation - 25 feet to 35 feet
10 vertical rows
12 open per row - 3 inch by ½ inch slots

Static -
9/18/43
Depth - 20.0
Elev. - 363.82

Tested 9/24/43
Maximum 1100 G.P.M.
Draw down 1.98
Complete recovery - 18 Hrs.

696-HMN-7

699-65-114A A8962

699-65-114A A8962

WELL ATTRIBUTES REPORT

FIELD ORDER NO				LAST INSPECTION	1/1/1801
WELL ID	A8962			NORTHING	143174.606
WELL NAME	699-65-114A	CONST DATE		EASTING	555152.39
HOST WELL ID		CONST DEPTH		ELEVATION	141.914

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	☐ YES ☐ NO ☑ ND*	WELL PAD	☐ YES ☐ NO
BRASS SURVEY MARKER	☐ YES ☐ NO ☑ ND*	BRASS SURVEY MARKER	☐ YES ☐ NO
MARKER STAMPED WITH SURVEY DATA	☐ YES ☐ NO ☑ ND*	MARKER STAMPED WITH SURVEY DATA	☐ YES ☐ NO
MARKER STAMPED WITH WELL ID DATA	☐ YES ☐ NO ☑ ND*	MARKER STAMPED WITH WELL ID DATA	☐ YES ☐ NO
WELL LABELED WITH WELL ID	☐ YES ☐ NO ☑ ND*	WELL LABELED WITH WELL ID	☐ YES ☐ NO
WELL LABELED WITH WELL NAME	☐ YES ☐ NO ☑ ND*	WELL LABELED WITH WELL NAME	☐ YES ☐ NO
PROTECTIVE POSTS	☐ YES ☐ NO ☑ ND*	PROTECTIVE POSTS	☐ YES ☐ NO
REMOVABLE POST IN PLACE	☐ YES ☐ NO ☑ ND*	REMOVABLE POST IN PLACE	☐ YES ☐ NO
WELL LOCK	☐ YES ☐ NO ☑ ND*	WELL LOCK	☐ YES ☐ NO
WELL DAMAGED	☐ YES ☐ NO ☑ ND*	WELL DAMAGED	☐ YES ☐ NO
WELL IS DRY	☐ YES ☐ NO ☑ ND*	WELL IS DRY	☐ YES ☐ NO
PARTED CASING	☐ YES ☐ NO ☑ ND*	PARTED CASING	☐ YES ☐ NO
BENTONITE IN WELL	☐ YES ☐ NO ☑ ND*	BENTONITE IN WELL	☐ YES ☐ NO
WELL SANDED IN	☐ YES ☐ NO ☑ ND*	WELL SANDED IN	☐ YES ☐ NO
COLLAPSED CASING	☐ YES ☐ NO ☑ ND*	COLLAPSED CASING	☐ YES ☐ NO
EQUIPMENT IN WELL	☐ YES ☐ NO ☑ ND*	EQUIPMENT IN WELL	☐ YES ☐ NO
DEBRIS IN WELL	☐ YES ☐ NO ☑ ND*	DEBRIS IN WELL	☐ YES ☐ NO
SURFACE EROSION	☐ MAJOR ☐ NONE ☐ MINOR ☑ ND*	SURFACE EROSION	☐ MAJOR ☐ NONE ☐ MINOR
LAST PUMP INFORMATION		**CURRENT PUMP INFORMATION**	
PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ REPLACED ☐ REMOVED ☑ ND*	PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ REPLACED ☐ REMOVED
PUMP TESTED	☐ YES ☐ NO ☑ ND*	PUMP TESTED	☐ YES ☐ NO
NEW PUMP	☐ YES ☐ NO ☑ ND*	NEW PUMP	☐ YES ☐ NO
ACTIVITY PEFORMED BY	ND*	ACTIVITY PEFORMED 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

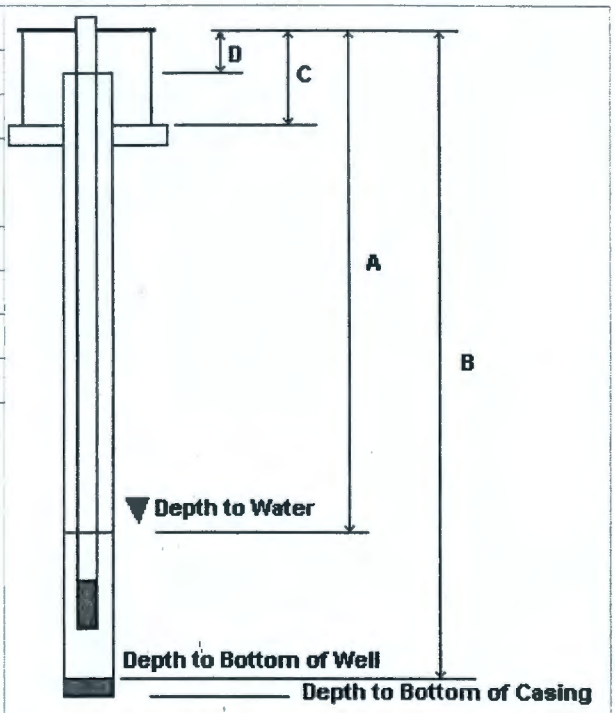
1/13/2006

WELL ATTRIBUTES REPORT

FIELD ORDER NO				LAST INSPECTION	1/1/1801
WELL ID	A8962			NORTHING	143174.606
WELL NAME	699-65-114A	CONST DATE		EASTING	555152.39
HOST WELL ID		CONST DEPTH		ELEVATION	141.914

MEASUREMENT INFORMATION

		LAST	CURRENT
A	DEPTH TO WATER(ft)		
	DEPTH TO WATER DATE		
B	DEPTH TO BOTTOM(ft)	185	
	DEPTH TO BOTTOM DATE		
C	STICK UP(ft)		
D	REFERENCE MARK(ft)		
	REFERENCE MARK IS TOC	☐ YES ☐ NO ☑ ND*	☐ YES ☐ 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

1/13/2006

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	PLANT NS/EW	CASING_ELEV / WELL_DIAM / DATE_COMPL	DRILL_DEPTH / COMPL_DEPTH / DEPTH_WATER	PERF/SCREEN TYPE	DIAM	TOP	BOT	COMMENTS / PREVIOUS WELL NAMES
699-65-95		64788.00	452.26	106.0					BASALT WELL
GW		-95341.00	6.0	104.0					
B			4/73	54.0					UGB5
699-65-114A		64770.00	462.10	185.0					
OS		-113930.00	8.0	185.0					
			12/49						699-65114A, BPA
699-65-114B									
OS									
									699-65114B, BPA
699-66-23							20.0	96.0	CEMENT PLUG AT 80 FT.
GW									
S									
699-66-23P							80.0	100.0	REMOVED
AB									
699-66-38		66000.00	436.24	150.0	P	8.0	29.0	145.0	PLUG AT 75 FT.
GW		-38000.00	8.0	75.0					
S			10/62	34.0					
699-66-38O		66000.00	436.46	60.0					REMOVED
AB		-38000.00	1.5	60.0					
			5/65	34.0					
699-66-38P		66000.00	436.46	150.0	P	1.5	130.0	150.0	REMOVED
AB		-38000.00	1.5	125.0					
			9/63	49.0					
699-66-38Q		66000.00	436.46		P	1.5	90.0	110.0	REMOVED
AB		-38000.00	1.5	110.0					
				49.0					
699-66-39		66099.00	453.78	90.0	P	6.0	38.0	65.0	PLUG AT 88 FT.
GW		-39459.00	6.0	88.0					
S			7/71	47.0					GM-19
699-66-58		65807.00	503.33	112.5	S	5.0	92.5	102.5	SCREEN 92.5 - 112.5'
GW		-57768.00	6.0	112.5	S	5.0	102.5	112.5	
S			6/72	104.0					GBM-4
699-66-64		66483.00	505.92	118.0	S	5.0	96.3	116.3	SCREEN 96.25 - 116.25'
GW		-64249.00	6.0	116.3					
S			6/72	102.0					GBM-3

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

SCAN DATA REPORT

Request No.: 064-401		
Project No.: NA	Title: Well Decommissioning A8962 / 699-65-114A	File No. : 600A-002
Job No.: 65400801.1225400	Prepared by: S. Wray	Date: 11/27/06
Reviewer: GB	Page 1 of 1	

DESCRIPTION OF WORK:

Unable to perform GPR scan at this well location. No access is obtainable into locked fence area where well location falls.

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
B. Howard	1		
G.G. Kelty	1		
E.C. Rafuse	1		

DATE OF FIELD INVESTIGATION: NA

Weather: Temp ____ °F Wind ____ MPH

☐ Cloudy ☐ Clear ☐ P. Cloudy ☐ Fog

Soil Conditions: ☐ Rocky ☐ Sandy ☐ Wet ☐ Dry

Depth of Investigation ____ feet

Equipment Used:	Required Functional Checks Current/Completed
____ 50/60 Hz detector (for energized lines)	☐
____ Radio Frequency Electromagnetics (RF)	☐
____ Ground Penetrating Radar (GPR)	☐
____ Other (identify)	☐

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

Documentation Provided:

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: NA

Query HWIS again

IWIS Interface - Survey Information - Horizontal

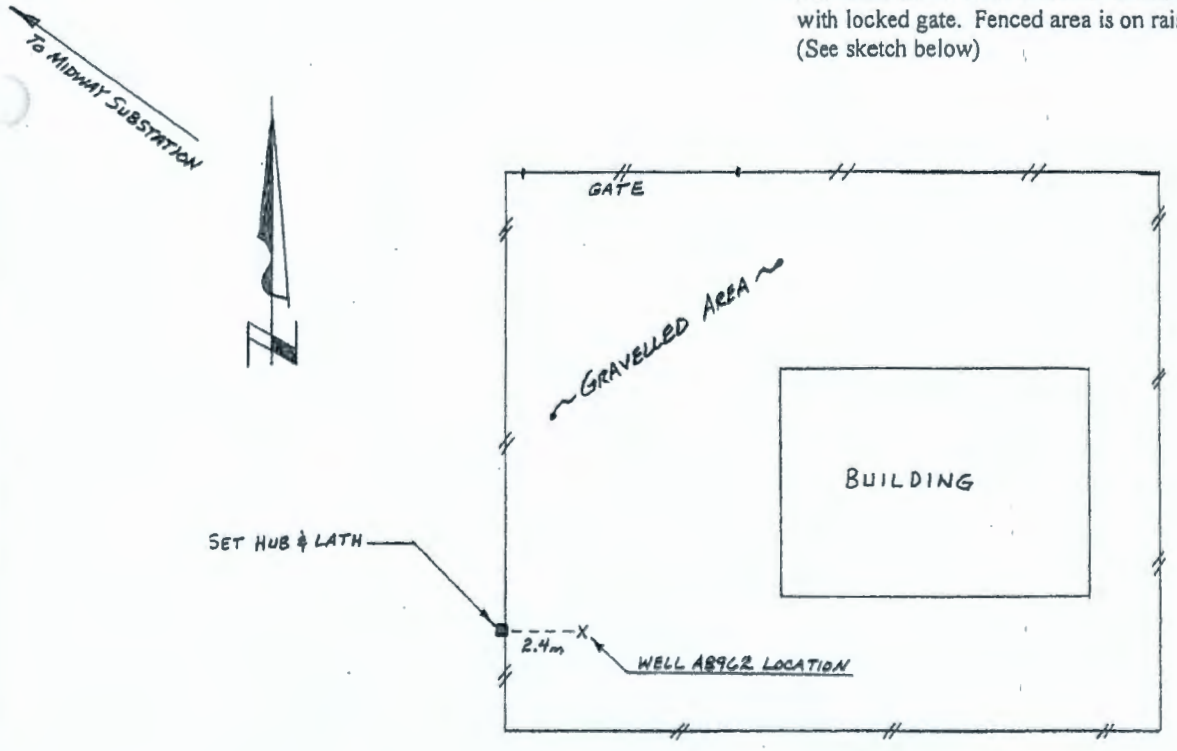
WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER	C
A8962	699-65-114A	UNKNOWN	NAD83	01/01/1801	CONVERTED	143174.606	555152.39	m		C

SURVEY DATA REPORT				Request No. 063-323
Project No.	Title: Well Decommissioning A8962 / 699-65-114A			File No. 6AT13R24
Job No. 65400801.1193120 CA10	Prepared By N.P. Fastabend	Date 7/10/06	Reviewer SAW	Page 1 of 1

DESCRIPTION OF WORK	DISTRIBUTION	SDR	PLOT	DWG
Staked location of Well A8962 (699-65-114A) at coordinates given.	Survey File	OR		
	B.J. Howard	1		
Horizontal Datum: WCS83S/91 (meters)	J.D. Davis	1		
	R.L. Biggerstaff	1		
	G.G. Kelty	1		
	E.C. Rafuse	1		

SURVEY RESULTS AND COMMENTS

Well ID	Coordinates	Description
A8962	N 143174.61, E 555152.39	No above ground evidence of Well found. Set hub & lath at fence, offset 2.4m west of Well location which falls inside fenced compound with locked gate. Fenced area is on raised gravel pad. (See sketch below)



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)

This information is PROPRIETARY and is provided solely for use in conjunction with work managed and controlled by Fluor Federal Services.

699-65-114A
Location: N64770, W113930 13/24-14C2
Casing Elevation: 462.10
Cable tool, drilled for BPA, 1949,
water-supply well

Material (20)	Thickness	Depth
Unconsolidated sediments	159	159
Porous black rock	20	179
Gray rock	6	185

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

699-65-114B A8963

WELL ATTRIBUTES REPORT

FIELD ORDER NO				LAST INSPECTION	1/1/1801
WELL ID	A8963			NORTHING	143335.777
WELL NAME	699-65-114B	CONST DATE		EASTING	554993.563
HOST WELL ID		CONST DEPTH		ELEVATION	141.7

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	☐ YES ☐ NO ☑ ND*	WELL PAD	☐ YES ☐ NO
BRASS SURVEY MARKER	☐ YES ☐ NO ☑ ND*	BRASS SURVEY MARKER	☐ YES ☐ NO
MARKER STAMPED WITH SURVEY DATA	☐ YES ☐ NO ☑ ND*	MARKER STAMPED WITH SURVEY DATA	☐ YES ☐ NO
MARKER STAMPED WITH WELL ID DATA	☐ YES ☐ NO ☑ ND*	MARKER STAMPED WITH WELL ID DATA	☐ YES ☐ NO
WELL LABELED WITH WELL ID	☐ YES ☐ NO ☑ ND*	WELL LABELED WITH WELL ID	☐ YES ☐ NO
WELL LABELED WITH WELL NAME	☐ YES ☐ NO ☑ ND*	WELL LABELED WITH WELL NAME	☐ YES ☐ NO
PROTECTIVE POSTS	☐ YES ☐ NO ☑ ND*	PROTECTIVE POSTS	☐ YES ☐ NO
REMOVABLE POST IN PLACE	☐ YES ☐ NO ☑ ND*	REMOVABLE POST IN PLACE	☐ YES ☐ NO
WELL LOCK	☐ YES ☐ NO ☑ ND*	WELL LOCK	☐ YES ☐ NO
WELL DAMAGED	☐ YES ☐ NO ☑ ND*	WELL DAMAGED	☐ YES ☐ NO
WELL IS DRY	☐ YES ☐ NO ☑ ND*	WELL IS DRY	☐ YES ☐ NO
PARTED CASING	☐ YES ☐ NO ☑ ND*	PARTED CASING	☐ YES ☐ NO
BENTONITE IN WELL	☐ YES ☐ NO ☑ ND*	BENTONITE IN WELL	☐ YES ☐ NO
WELL SANDED IN	☐ YES ☐ NO ☑ ND*	WELL SANDED IN	☐ YES ☐ NO
COLLAPSED CASING	☐ YES ☐ NO ☑ ND*	COLLAPSED CASING	☐ YES ☐ NO
EQUIPMENT IN WELL	☐ YES ☐ NO ☑ ND*	EQUIPMENT IN WELL	☐ YES ☐ NO
DEBRIS IN WELL	☐ YES ☐ NO ☑ ND*	DEBRIS IN WELL	☐ YES ☐ NO
SURFACE EROSION	☐ MAJOR ☐ NONE ☐ MINOR ☑ ND*	SURFACE EROSION	☐ MAJOR ☐ NONE ☐ MINOR
LAST PUMP INFORMATION		**CURRENT PUMP INFORMATION**	
PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ REPLACED ☐ REMOVED ☑ ND*	PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ REPLACED ☐ REMOVED
PUMP TESTED	☐ YES ☐ NO ☑ ND*	PUMP TESTED	☐ YES ☐ NO
NEW PUMP	☐ YES ☐ NO ☑ ND*	NEW PUMP	☐ YES ☐ NO
ACTIVITY PEFORMED BY	ND*	ACTIVITY PEFORMED 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

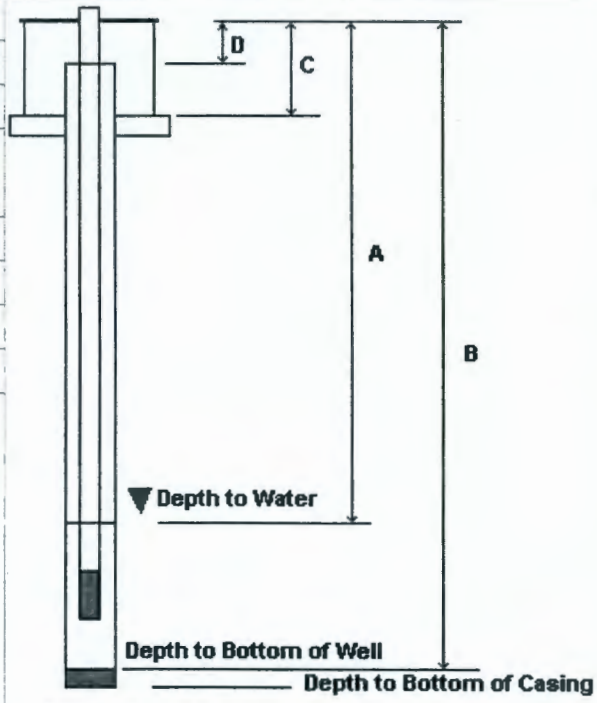
1/13/2006

WELL ATTRIBUTES REPORT

FIELD ORDER NO				LAST INSPECTION	1/1/1801
WELL ID	A8963			NORTHING	143335.777
WELL NAME	699-65-114B	CONST DATE		EASTING	554993.563
HOST WELL ID		CONST DEPTH		ELEVATION	141.7

MEASUREMENT INFORMATION

		LAST	CURRENT
A	DEPTH TO WATER(ft)		
	DEPTH TO WATER DATE		
B	DEPTH TO BOTTOM(ft)	102	
	DEPTH TO BOTTOM DATE		
C	STICK UP(ft)		
D	REFERENCE MARK(ft)		
	REFERENCE MARK IS TOC	☐ YES ☐ NO ☑ ND*	☐ YES ☐ 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

1/13/2006

WELL NAME WELL TYPE PUMP TYPE	COORDINATES L 83 NS/EW	PLANT NS/EW	CASING ELEV WELL DIAM DATE_COMPL	DRILL DEPTH COMPL DEPTH DEPTH_WATER	PERF/SCREEN TYPE	DIAM	TOP	BOT	COMMENTS PREVIOUS WELL NAMES
699-65-95		64788.00	452.26	106.0					BASALT WELL
GW		-95341.00	6.0	104.0					
B			4/73	54.0					UGB5
699-65-114A		64770.00	462.10	185.0					
OS		-113930.00	8.0	185.0					
			12/49						699-65114A, BPA
699-65-114B		65300.00	461.40	102.0					
OS		-114450.00	10.0	102.0					
			12/53						699-65114B, BPA
699-66-23							20.0	96.0	CEMENT PLUG AT 80 FT.
GW									
S									
699-66-23P							80.0	100.0	REMOVED
AB									
699-66-38							29.0	145.0	PLUG AT 75 FT.
GW									
S									
699-66-38O		66000.00	436.46	60.0					REMOVED
AB		-38000.00	1.5	60.0					
			5/65	34.0					
699-66-38P		66000.00	436.46	150.0	P	1.5	130.0	150.0	REMOVED
AB		-38000.00	1.5	125.0					
			9/63	49.0					
699-66-38Q		66000.00	436.46		P	1.5	90.0	110.0	REMOVED
AB		-38000.00	1.5	110.0					
				49.0					
699-66-39		66099.00	453.78	90.0	P	6.0	38.0	65.0	PLUG AT 88 FT.
GW		-39459.00	6.0	88.0					
S			7/71	47.0					GM-19
699-66-58		65807.00	503.33	112.5	S	5.0	92.5	102.5	SCREEN 92.5 - 112.5'
GW		-57768.00	6.0	112.5	S	5.0	102.5	112.5	
S			6/72	104.0					GBM-4
699-66-64		66483.00	505.92	118.0	S	5.0	96.3	116.3	SCREEN 96.25 - 116.25'
GW		-64249.00	6.0	116.3					
S			6/72	102.0					GBM-3

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

Query HWIS again

IWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A8963	699-65-114B	UNKNOWN	NAD83	01/01/1801	CONVERTED	143335.777	554993.563	m	

SURVEY DATA REPORT				Request No. 063-323
Project No.	Title: Well Decommissioning A8963 / 699-65-114B			File No. 6AT13R24
Job No. 65400801.1193120 CA10	Prepared By N.P. Fastabend NPF	Date 7/10/06	Reviewer SAW	Page 1 of 1

DESCRIPTION OF WORK	DISTRIBUTION	SDR	PLOT	DWG
Staked location of Well A8963 (699-65-114B) at coordinates given.	Survey File	OR		
Horizontal Datum: WCS83S/91 (meters)	B.J. Howard	1		
	J.D. Davis	1		
	R.L. Biggerstaff	1		
	G.G. Kelty	1		
	E.C. Rafuse	1		

SURVEY RESULTS AND COMMENTS

Well ID	Coordinates	Description
A8963	N 143335.78, E 554993.56	No above ground evidence of Well found. Set hub & lath. Location falls inside Midway Substation, under switching structure. Location is un-scannable for subsurface due to switching structure and overhead high voltage interferences.

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)

This information is PROPRIETARY and is provided solely for use in conjunction with work managed and controlled by Fluor Federal Services.

SCAN DATA REPORT

Request No.: 064-401		
Project No.: NA	Title: Well Decommissioning A8963 / 699-65-114B	File No. : 600A-002

Job No.:	Prepared by:	Date:	Reviewer:	Page
65400801.1225400	S. Wray	11/27/06	GHB	1 of 1

DESCRIPTION OF WORK:

Unable to perform GPR scan at this well location. Area is unscannable do to switching structure and overhead high voltage line interferences where well location falls.

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
B. Howard	1		
G.G. Kelty	1		
E.C. Rafuse	1		

DATE OF FIELD INVESTIGATION: NA

Weather: Temp____ °F Wind____ MPH

☐ Cloudy ☐ Clear ☐ P. Cloudy ☐ Fog

Soil Conditions: ☐ Rocky ☐ Sandy ☐ Wet ☐ Dry

Depth of Investigation ____ feet

Equipment Used:	Required Functional Checks Current/Completed
____ 50/60 Hz detector (for energized lines)	☐
____ Radio Frequency Electromagnetics (RF)	☐
____ Ground Penetrating Radar (GPR)	☐
____ Other (identify)	☐

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

Documentation Provided:

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: NA

699-66-114 A8964

699-66-114 A8964

WELL ATTRIBUTES REPORT

FIELD ORDER NO				LAST INSPECTION	1/1/1801
WELL ID	A8964			NORTHING	143427.499
WELL NAME	699-66-114	CONST DATE		EASTING	555136.578
HOST WELL ID		CONST DEPTH		ELEVATION	142.248

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	☐ YES ☐ NO ☑ ND*	WELL PAD	☐ YES ☐ NO
BRASS SURVEY MARKER	☐ YES ☐ NO ☑ ND*	BRASS SURVEY MARKER	☐ YES ☐ NO
MARKER STAMPED WITH SURVEY DATA	☐ YES ☐ NO ☑ ND*	MARKER STAMPED WITH SURVEY DATA	☐ YES ☐ NO
MARKER STAMPED WITH WELL ID DATA	☐ YES ☐ NO ☑ ND*	MARKER STAMPED WITH WELL ID DATA	☐ YES ☐ NO
WELL LABELED WITH WELL ID	☐ YES ☐ NO ☑ ND*	WELL LABELED WITH WELL ID	☐ YES ☐ NO
WELL LABELED WITH WELL NAME	☐ YES ☐ NO ☑ ND*	WELL LABELED WITH WELL NAME	☐ YES ☐ NO
PROTECTIVE POSTS	☐ YES ☐ NO ☑ ND*	PROTECTIVE POSTS	☐ YES ☐ NO
REMOVABLE POST IN PLACE	☐ YES ☐ NO ☑ ND*	REMOVABLE POST IN PLACE	☐ YES ☐ NO
WELL LOCK	☐ YES ☐ NO ☑ ND*	WELL LOCK	☐ YES ☐ NO
WELL DAMAGED	☐ YES ☐ NO ☑ ND*	WELL DAMAGED	☐ YES ☐ NO
WELL IS DRY	☐ YES ☐ NO ☑ ND*	WELL IS DRY	☐ YES ☐ NO
PARTED CASING	☐ YES ☐ NO ☑ ND*	PARTED CASING	☐ YES ☐ NO
BENTONITE IN WELL	☐ YES ☐ NO ☑ ND*	BENTONITE IN WELL	☐ YES ☐ NO
WELL SANDED IN	☐ YES ☐ NO ☑ ND*	WELL SANDED IN	☐ YES ☐ NO
COLLAPSED CASING	☐ YES ☐ NO ☑ ND*	COLLAPSED CASING	☐ YES ☐ NO
EQUIPMENT IN WELL	☐ YES ☐ NO ☑ ND*	EQUIPMENT IN WELL	☐ YES ☐ NO
DEBRIS IN WELL	☐ YES ☐ NO ☑ ND*	DEBRIS IN WELL	☐ YES ☐ NO
SURFACE EROSION	☐ MAJOR ☐ NONE ☐ MINOR ☑ ND*	SURFACE EROSION	☐ MAJOR ☐ NONE ☐ MINOR

LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ REPLACED ☐ REMOVED ☑ ND*	PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ REPLACED ☐ REMOVED
PUMP TESTED	☐ YES ☐ NO ☑ ND*	PUMP TESTED	☐ YES ☐ NO
NEW PUMP	☐ YES ☐ NO ☑ ND*	NEW PUMP	☐ YES ☐ NO
ACTIVITY PEFORMED BY	ND*	ACTIVITY PEFORMED 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

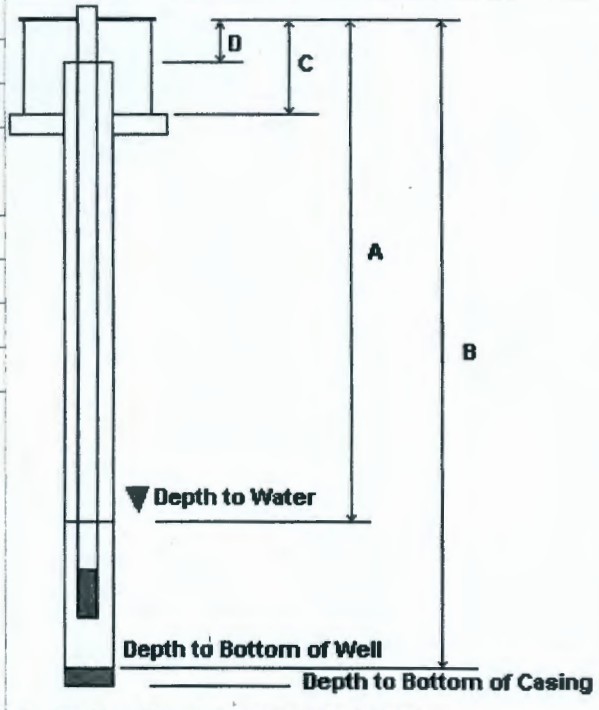
1/13/2006

WELL ATTRIBUTES REPORT

FIELD ORDER NO				LAST INSPECTION	1/1/1801
WELL ID	A8964			NORTHING	143427.499
WELL NAME	699-66-114	CONST DATE		EASTING	555136.578
HOST WELL ID		CONST DEPTH		ELEVATION	142.248

MEASUREMENT INFORMATION

		LAST	CURRENT
A	DEPTH TO WATER(ft)		
	DEPTH TO WATER DATE		
B	DEPTH TO BOTTOM(ft)	132	
	DEPTH TO BOTTOM DATE		
C	STICK UP(ft)		
D	REFERENCE MARK(ft)		
	REFERENCE MARK IS TOC	☐ YES ☐ NO ☑ ND*	☐ YES ☐ 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

1/13/2006

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	PLANT NS/EW	CASING ELEV / WELL DIAM / DATE COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH WATER	PERF/SCREEN TYPE	DIAM	TOP	BOT	COMMENTS / PREVIOUS WELL NAMES
699-66-91		65708.00	467.75	190.0					BASALT WELL
GW		-90879.00	6.0	138.0					
			5/73	69.0					UGB4
699-66-103		65980.00	463.01	128.0					CEMENT PLUG AT 124 FT.
GW		-102780.00	12.0	124.0					
B			1/44	73.9					RRY CD2W
699-66-114		65600.00	463.20	132.0					
OS		-113980.00	10.0	132.0					
			12/52						BPA NO.3
699-67-51							100.0	250.0	CEMENT PLUG AT 170 FT; PIEZOS INST.5/77
GW									
S									
699-67-51P							100.0	250.0	60 SLOT SCREEN
GW							230.0	235.0	
699-67-51Q							100.0	250.0	60 SLOT SCREEN
GW							184.0	194.0	
699-67-77			490.80	100.0					FILLED IN
AB			72.0	100.0					
									REF.2, ROBINSON
699-67-86		66996.00	472.39	467.0	P	8.0	60.0	460.0	CEMENT PLUG AT 100 FT.
GW		-85997.00	8.0	100.0					
S			10/62	71.0					
699-67-86P		66996.00	472.68	467.0					REMOVED
AB		-85997.00	1.5						
			9/63						
699-67-86Q		66996.00	472.68						REMOVED
AB		-85997.00	1.5						
699-67-86R		66996.00	472.68	300.0					REMOVED
AB		-85997.00	1.5						
			9/63						
699-67-86S		66996.00	472.68	220.0					REMOVED
AB		-85997.00	1.5						
			9/63						

Hanford Wells
PNL-8800 UC-903
M. A. Chamness & J. K. Merz
August 1993
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Pacific NW Lab by Battelle Memorial Institute

Query HWIS again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A8964	699-66-114	UNKNOWN	NAD83	01/01/1801	CONVERTED	143427.499	555136.578	m	

SURVEY DATA REPORT				Request No. 063-323
Project No.	Title: Well Decommissioning A8964 / 699-66-114			File No. 6AT13R24
Job No. 65400801.1193120 CA10	Prepared By N.P. Fastabend	Date 7/10/06	Reviewer SAW	Page 1 of 1

DESCRIPTION OF WORK	DISTRIBUTION	SDR	PLOT	DWG
Staked location of Well A8964 (699-66-114) at coordinates given.	Survey File	OR		
	B.J. Howard	1		
Horizontal Datum: WCS83S/91 (meters)	J.D. Davis	1		
	R.L. Biggerstaff	1		
	G.G. Kelty	1		
	E.C. Rafuse	1		

SURVEY RESULTS AND COMMENTS

Well ID	Coordinates	Description
A8964	N 143427.50, E 555136.58	No above ground evidence of Well found. Set hub & lath. Location falls inside NW Corner of fenced yard east of Midway Substation.

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)

This information is PROPRIETARY and is provided solely for use in conjunction with work managed and controlled by Fluor Federal Services.