

AR TARGET SHEET

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

EDMC#: 0073320

SECTION: 2 OF 2

DOCUMENT #: 07-AMCP-0238

TITLE: Administrative Decommissioning
for 30 Wells with and without
Surveys

WELL ATTRIBUTES REPORT

FIELD ORDER NO _____

WELL ID B8538

WELL NAME B8538

HOST WELL ID _____

LAST INSPECTION 1/1/1801

NORTHING 152143

EASTING 573891

CONST DATE _____

CONST DEPTH _____

ELEVATION _____

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

Query HWIS again

HWIS Interface - Well History Information - Decommissioning

WELL_ID	WELL_NAME	DECOMMISSIONED_DATE	COMMENTS	SOURCE	DATE_OF_SOURCE
B8538	B8538	01/14/2000	DECOMMISSIONED		

Query HWIS again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFI
B8538	B8538	UNKNOWN	UNKNOWN	01/01/1801	UNKNOWN	152143	573891	m	

SCAN DATA REPORT

 Request No.:
062-227

 Project No.:
NA

 Title:
WELL DECOMMISSIONING - WELL B8538

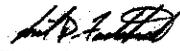
 File No.:
SIDNE001

 Job No.:
65400801.1193120/CA10

 Prepared by:
S. WRAY

 Date:
4/24/06

Reviewer:



 Page
1 of 1

DESCRIPTION OF WORK:

PERFORM GROUND SCAN AT STAKED WELL LOCATION FOR B8538

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
B. Howard	1		
J. Davis	1		
D. Biggerstaff	1		
G. Kely	1		
E. Rafuse	1		

DATE OF FIELD INVESTIGATION: 4/24/06

 Weather: Temp 75°F Wind 10 MPH
 Cloudy Clear P. Cloudy Fog

 Soil Conditions: Rocky Sandy Wet Dry

 Depth of Investigation 7 feet

Equipment Used:

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

Required Functional Checks
Current/Completed

-

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

Documentation Provided: NONE

Limits of Investigation: 20FT SQ. AREA AROUND WELL LOCATION

EQUIPMENT LIMITATIONS:

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

Discussion of Findings:

NO WELL CASING DETECTED.

SURVEY DATA REPORT

Request No.
062-226

Project No.

Title:
Well Decommissioning B8538

File No.
1DT14R26

Job No.
65400801.1193120
CA10

Prepared By
N.P. Fastabend

Date
4/18/06

Reviewer
SAW-

Page
1 of 1

DESCRIPTION OF WORK

Stake / Search location of Well B8538 at coordinates given and report if above ground evidence exists.

Horizontal Datum: WCS83S/91 (Meters)

DISTRIBUTION

SDR

PLOT

DWG

Survey File

OR

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 Given

Description

B8538

N 152143, E 573891

Set hub w/lath (No evidence of well)

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

WELL ATTRIBUTES REPORT

ORDER NO
WELL ID B2638
WELL NAME CPT-III-A1
HOST WELL ID _____

CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING 139390.858
EASTING 558237.806
ELEVATION 252.5

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

SURVEY DATA REPORT

Request No.
063-332

Project No.

Title:
Well Decommissioning Program / B2638 (CPT-III-A1)

File No.
6AT13R25

Job No.
65400891.1193120
CA10

Prepared By
S. Wray

Date
8/22/06

Reviewer
Tim Johnson

Page
1 of 1

DESCRIPTION OF WORK

DISTRIBUTION

SDR

PLOT

DWG

Stake / Investigate location of Well B2638 (CPT-III-A1), at coordinates given and report if above ground evidence exists.

Survey File

OR

B.J. Howard

1

J.D. Davis

1

R.L. Biggerstaff

1

G.G. Kelty

1

E. Rafuse

1

Horizontal Datum: WCS83S/91 (Meters)

SURVEY RESULTS AND COMMENTS

Well ID

Coordinates Given

Description

B2638

N 139390.86, E 558237.81

No evidence of Well visible. Set hub and Lath at given Coordinates.

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.:
064-485

 Project No.:
N/A

 Title:
WELL DECOMMISSIONING - WELL B2638
(West Side of HY 240)

 File No.:
600W-001

 No.:
65400801.1193120
homex-CA10

 Prepared by:
Rand Taylor

 Date:
9/26/06

 Reviewer:
Tim Johnson

 Page
1 of 1

 DESCRIPTION OF WORK:

 Performed a 10' radius scan at staked well location B2638.

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
B. Howard	1		
J. Davis	1		
D. Biggerstaff	1		
G. Kelty	1		
E. Rafuse	1		
			9#

DATE OF FIELD INVESTIGATION: 9/26/06

 Weather: Temp 75°F Wind 10 MPH
 Cloudy Clear P. Cloudy Fog

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

 Equipment Used:
 50/60 Hz detector (for energized lines)
 Radio Frequency Electromagnetics (RF)
 Ground Penetrating Radar (GPR)
 Other (identify) Magnetometer G-858

 Required Functional Checks
 Current/Completed

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

Documentation Provided: Sketch of well locations

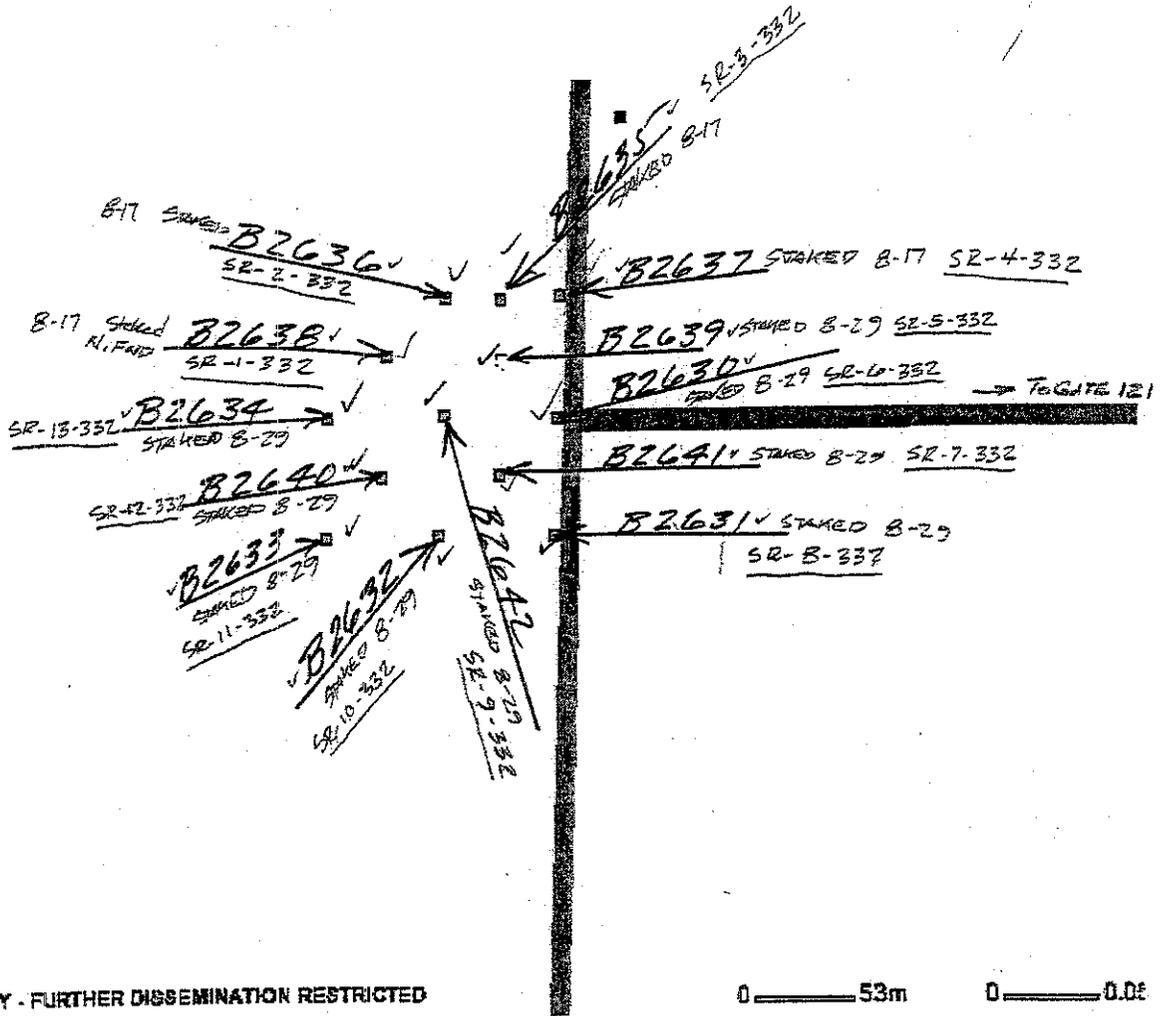
Limits of Investigation: Performed a 10' radius scan at staked well location B2638.

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 west of HY-240.

B2638, B2639,
 B2640, B2641
 B2630, B2631
 B2632, B2633
 B2634, B2635
 B2636, B2637

GAT13R25



OFFICIAL USE ONLY - FURTHER DISSEMINATION RESTRICTED

0 53m

0 0.0ft

WHC-SD-EN-TI-218, Rev. 0

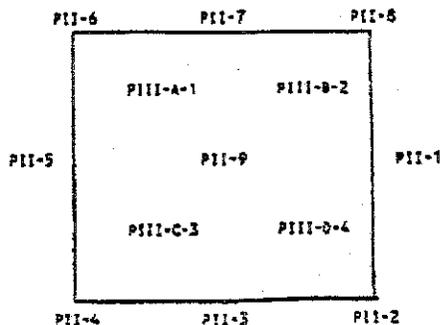
Figure A-1. McGee Ranch Boreholes (NRDWL) Survey Data Report.

KAISER ENGINEERS HANFORD		SURVEY DATA REPORT		Request No. 9 3 1 1 0 2 4
Project/W.D. No.	Title McGEE RANCH BORE HOLES (NRDWL)		File No. 1 3 2 5 1 0 0 1	
KEH Job No. ER3487	Prepared By R.L. Hackwith	Date 11/5/92	Reviewer <i>V. Coyne</i>	1 1
DESCRIPTION OF WORK		ACCEPTABILITY (Within Plan Tolerance)	DISTRIBUTION	
Horizontal and vertical location of		Yes <input checked="" type="checkbox"/>	Survey File	OR
Bore holes		No <input type="checkbox"/>	Field Project File	--
		NA <input type="checkbox"/>	D. Hoff	1
		TBD by Requestor <input type="checkbox"/>		

SURVEY RESULTS AND COMMENTS

BORE NO.	N. (NAD'83 MTRS)	E. (NAD'83 MTRS)	LATITUDE	LONGITUDE	ELEV. NGVD'29
PII-1	139359.976	558327.371	46:35'04.57751	119:44'20.04312	818.4
PII-2	139299.242	558324.886	46:35'02.61134	119:44'20.18738	812.6
PII-3	139299.125	558264.251	46:35'02.62647	119:44'23.03559	815.8
PII-4	139297.947	558204.149	46:35'02.60710	119:44'25.85924	809.9
PII-5	139359.209	558205.479	46:35'04.59073	119:44'25.76904	819.3
PII-6	139419.662	558207.958	46:35'06.54777	119:44'25.62528	825.6
PII-7	139420.669	558268.345	46:35'06.56155	119:44'22.78825	828.8
PII-8	139421.493	558329.873	46:35'06.56904	119:44'19.89772	822.2
PII-9	139360.062	558266.614	46:35'04.59927	199:44'22.89699	825.1
PIII-A-1	139390.858	558237.806	46:35'05.60561	119:44'24.23623	825.0
PIII-B-2	139388.592	558297.748	46:35'05.51353	119:44'21.42161	825.2
PIII-C-3	139328.332	558233.699	46:35'03.58192	119:44'24.45744	819.9
PIII-D-4	139329.3942	558297.0146	46:35'03.59656	119:44'21.48290	822.7

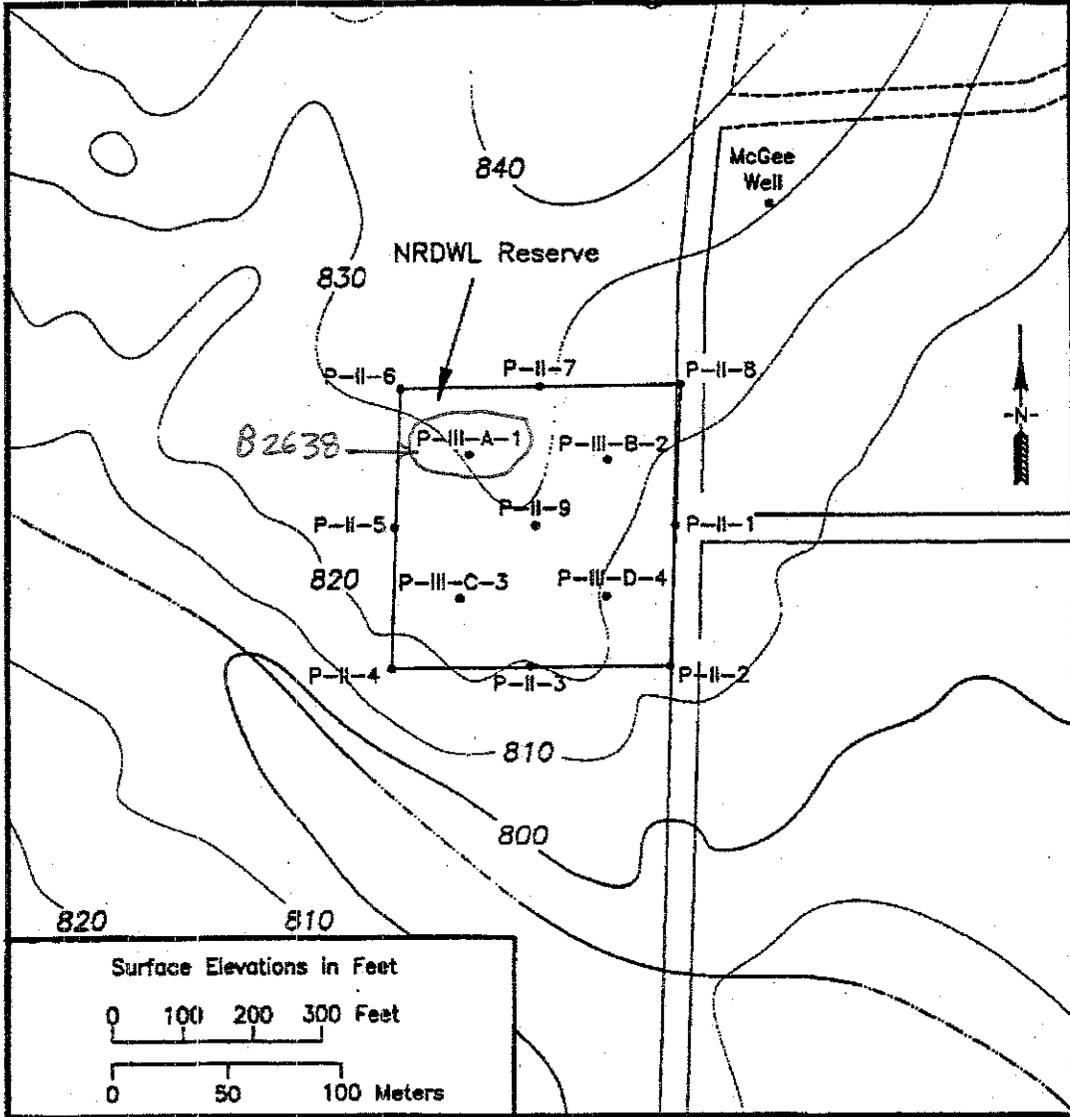
B2638



BORE HOLE SITE

WHC-SD-EN-TI-218, Rev. 0

Figure 1. Site Map of the NRDWL Reserve at McGee Ranch with Locations of the 13 Boreholes.



WAS\122892L1

WELL ATTRIBUTES REPORT

LD ORDER NO
WELL ID B2639
WELL NAME CPT-III-B2
HOST WELL ID _____

CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING 139388.592
EASTING 558297.748
ELEVATION 252.6

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

SURVEY DATA REPORT

Request No.
063-332

Project No.

Title:
Well Decommissioning Program / B2639 (CPT-PIII-B2)

File No.
6AT13R25

No.
65400891.1193120
CA10

Prepared By
S. Wray

Date
8/29/06

Reviewer
Tom Johns

Page
1 of 1

DESCRIPTION OF WORK

Stake / Investigate location of Well B2639 (CPT-PIII-B2), at coordinates given and report if above ground evidence exists.

Horizontal Datum: WCS83S/91 (Meters)

DISTRIBUTION	SDR	PLOT	DWG
Survey File	OR		
B.J. Howard	1		
J.D. Davis	1		
R.L. Biggerstaff	1		
G.G. Kelty	1		
E. Rafuse	1		

SURVEY RESULTS AND COMMENTS

Well ID

Coordinates Given

Description

B2639

N 139388.59, E 558297.75

No evidence of Well visible. Set hub and Lath at given Coordinates.

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.:
064-485

Project No.:

NA

Title:

WELL DECOMMISSIONING - WELL B2639
(West Side of HY 240)

 File No. :
600W-001

 No.:
05400801.1193120
homex-CA10

 Prepared by:
Rand Taylor

 Date:
9/26/06

 Reviewer:
Tim Johnson

 Page
1 of 1

DESCRIPTION OF WORK:

Performed a 10' radius scan at staked well location B2639.

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
B. Howard	1		
J. Davis	1		
D. Biggerstaff	1		
G. Kelty	1		
E. Rafuse	1		
			10#

DATE OF FIELD INVESTIGATION: 9/26/06

 Weather: Temp 75°F Wind 10 MPH
 Cloudy Clear P. Cloudy Fog

 Soil Conditions: Rocky Sandy Wet Dry

 Depth of Investigation N/A feet

Equipment Used:

50/60 Hz detector (for energized lines)
 Radio Frequency Electromagnetics (RF)
 Ground Penetrating Radar (GPR)
 Other (identify) Magnetometer G-858

Required Functional Checks
Current/Completed

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

Documentation Provided: Sketch of well locations

Limits of Investigation: Performed a 10' radius scan at staked well location B2639.

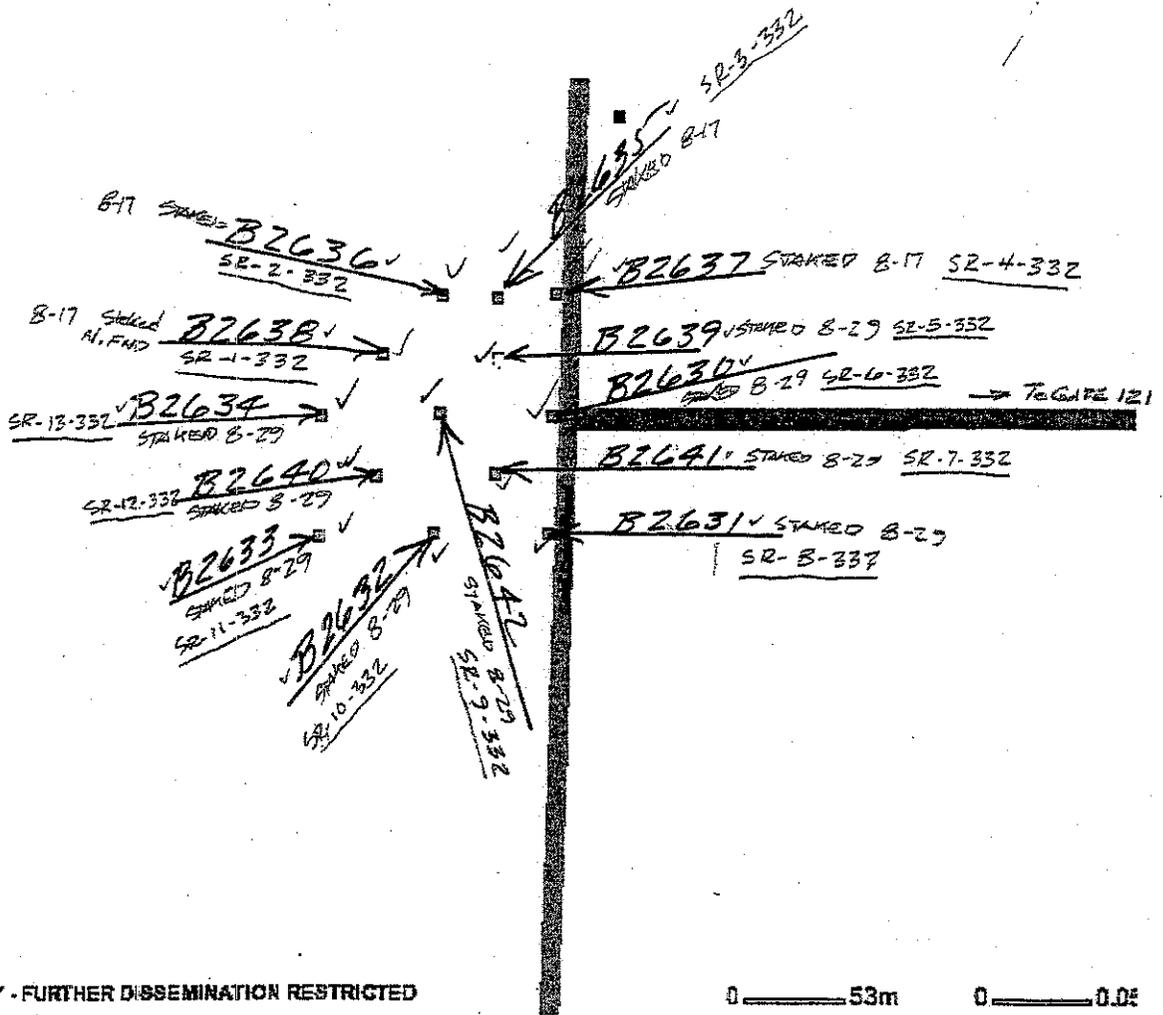
EQUIPMENT LIMITATIONS:

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

Discussion of Findings: Note, No well casing was detected at the staked well location west of HY-240.

B2638, B2639,
 B2640, B2641
 B2630, B2631
 B2632, B2633
 B2634, B2635
 B2636, B2637

LAT 13 R25



WHC-SD-EN-TI-218, Rev. 0

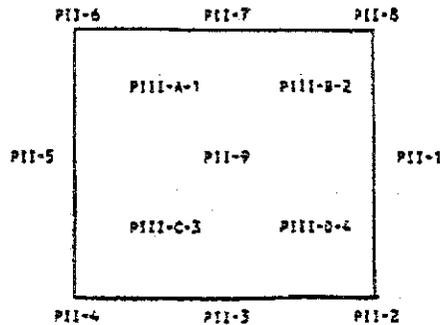
Figure A-1. McGee Ranch Boreholes (NRDWL) Survey Data Report.

KAISER ENGINEERS HANFORD		SURVEY DATA REPORT		Request No. 9 3 1 1 - 0 2 4
Project/W.O. No.	Title	McGEE RANCH BORE HOLES (NRDWL)		File No. 1 3 2 5 - 0 0 1
KEM Job No. ER3487	Prepared By R.L. Hackwith	Date 11/5/92	Reviewer <i>V. Coyne</i>	1 1
DESCRIPTION OF WORK		ACCEPTABILITY (Within Plan Tolerance)	DISTRIBUTION	
Horizontal and vertical location of Bore holes.		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> TSD by Requestor <input type="checkbox"/>	Survey File Field Project File D. Hoff	OR -- 1

SURVEY RESULTS AND COMMENTS

BORE NO.	N. (NAD'83 MTRS)	E. (NAD'83 MTRS)	LATITUDE	LONGITUDE	ELEV. NGVD '29
PII-1	139359.976	558327.371	46:35'04.57751	119:44'20.04312	818.4
PII-2	139299.242	558324.886	46:35'02.61134	119:44'20.18738	812.6
PII-3	139299.125	558264.251	46:35'02.62647	119:44'23.03559	815.8
PII-4	139297.947	558204.149	46:35'02.60710	119:44'25.85924	809.9
PII-5	139359.209	558205.479	46:35'04.59073	119:44'25.76904	819.3
PII-6	139419.662	558207.958	46:35'06.54777	119:44'25.62528	825.6
PII-7	139420.669	558268.345	46:35'06.56155	119:44'22.78825	828.8
PII-8	139421.493	558329.873	46:35'06.56904	119:44'19.89772	822.2
PII-9	139360.062	558266.614	46:35'04.59927	199:44'22.89699	825.1
PIII-A-1	139390.858	558237.806	46:35'05.60561	119:44'24.23623	825.0
PIII-B-2	139388.592	558297.748	46:35'05.51353	119:44'21.42161	825.2
PIII-C-3	139328.332	558233.699	46:35'03.58192	119:44'24.45744	819.9
PIII-D-4	139329.3942	558297.0146	46:35'03.59656	119:44'21.48290	822.7

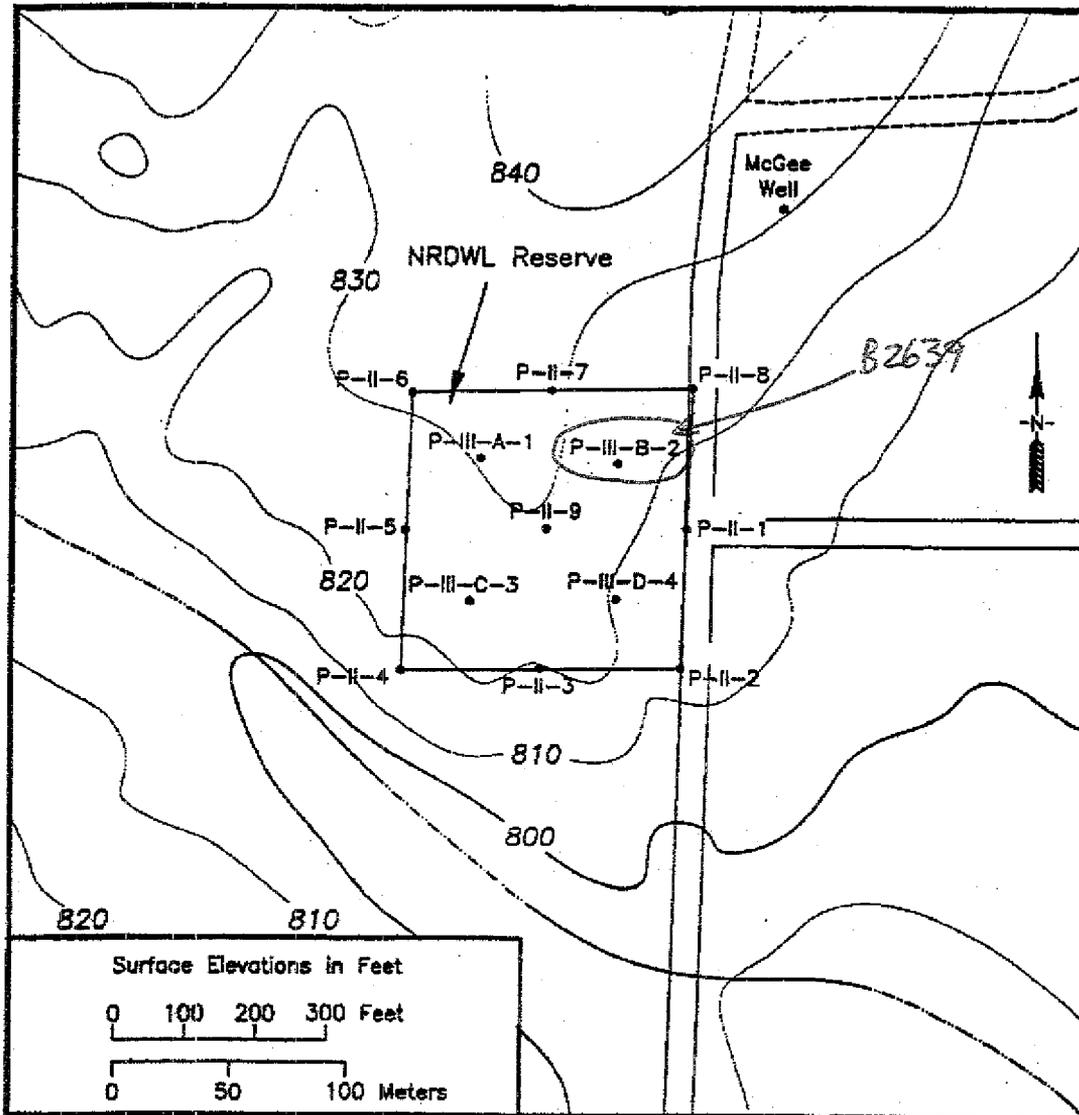
B2639



BORE HOLE SITE

WHC-SD-EN-TI-218, Rev. 0

Figure 1. Site Map of the NRDWL Reserve at McGee Ranch with Locations of the 13 Boreholes.



WAS\122892L1

WELL ATTRIBUTES REPORT

WELL ORDER NO
WELL ID B2640
WELL NAME CPT-III-C3
HOST WELL ID

CONST DATE
CONST DEPTH

LAST INSPECTION 1/1/1801
NORTHING 139328.332
EASTING 558233.699
ELEVATION 251

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

SURVEY DATA REPORT

Request No.
063-332

Project No.

Title:
Well Decommissioning Program / B2640 (CPT-PIII-C3)

File No.
6AT13R25

Case No.
65400891.1193120
CA10

Prepared By
S. Wray

Date
8/29/06

Reviewer
Tim Johnson

Page
1 of 1

DESCRIPTION OF WORK

Stake / Investigate location of Well B2640 (CPT-PIII-C3), at coordinates given and report if above ground evidence exists.

Horizontal Datum: WCS83S/91 (Meters)

DISTRIBUTION	SDR	PLOT	DWG
Survey File	OR		
B.J. Howard	1		
J.D. Davis	1		
R.L. Biggerstaff	1		
G.G. Keity	1		
E. Rafuse	1		

SURVEY RESULTS AND COMMENTS

Well ID

Coordinates Given

Description

B2640

N 139328.33, E 558233.70

No evidence of Well visible. Set hub and Lath at given Coordinates.

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.:

064-485

Project No.:

NA

Title:

WELL DECOMMISSIONING - WELL B2640

File No.:

600W-001

No.:

65400801.1193120

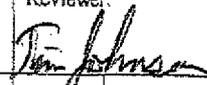
Prepared by:

Rand Taylor

Date:

9/26/06

Reviewer:



Page

1 of 1

DESCRIPTION OF WORK:

Performed a 10' radius scan at staked well location B2640.

DISTRIBUTION

SDR

SKETCH

DWG

Survey File

OR

OR

B. Howard

1

J. Davis

1

D. Biggerstaff

1

G. Kelly

1

E. Rafuse

1

11#

DATE OF FIELD INVESTIGATION:

9/26/06

 Weather: Temp 75°F Wind 10 MPH

 Cloudy Clear P. Cloudy Fog

 Soil Conditions: Rocky Sandy Wet Dry

 Depth of Investigation N/A feet

Equipment Used:

- 50/60 Hz detector (for energized lines)
 Radio Frequency Electromagnetics (RF)
 Ground Penetrating Radar (GPR)
 Other (identify) Magnetometer G-858

Required Functional Checks

Current/Completed

-

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

Documentation Provided: Sketch of well locations

Limits of Investigation: Performed a 10' radius scan at staked well location B2640.

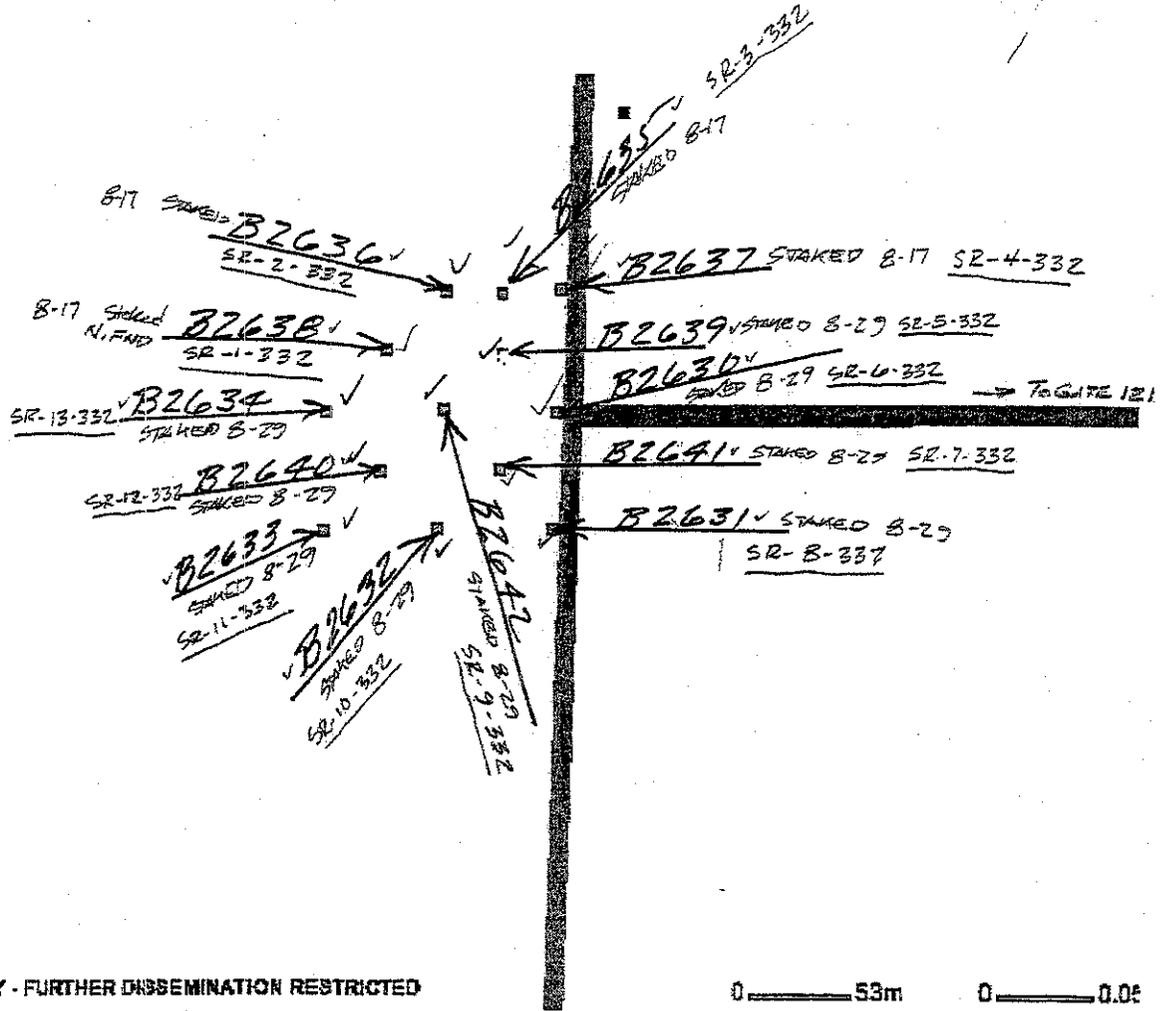
EQUIPMENT LIMITATIONS:

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

Discussion of Findings: Note, No well casing was detected at the staked well location west of HY-240.

6A T13 R25

B2638, B2639,
 B2640, B2641
 B2630, B2631
 B2632, B2633
 B2634, B2635
 B2636, B2637



WHC-SD-EN-TI-218, Rev. 0

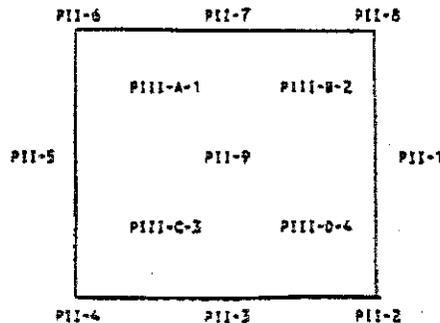
Figure A-1. McGee Ranch Boreholes (NRDWL) Survey Data Report.

KAISER ENGINEERS HANFORD		SURVEY DATA REPORT		Request No. 9 3 1 - 0 2 4
Project/W.C. No.	Title	McGEE RANCH BORE HOLES (NRDWL)		File No. 1 3 2 5 - 0 0 1
KEH Job No. ER3487	Prepared By R.L. Hackwith	Date 11/5/92	Reviewer <i>V. Coyne</i>	1 1
DESCRIPTION OF WORK		ACCEPTABILITY (Within Plan Tolerance)	DISTRIBUTION	
Horizontal and vertical location of Bore holes		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> TBC by Requester <input type="checkbox"/>	Survey File D. Hoff	OR -- 1

SURVEY RESULTS AND COMMENTS

BORE NO.	N. (NAD'83 MTRS)	E. (NAD'83 MTRS)	LATITUDE	LONGITUDE	ELEV. NGVD'29
PII-1	139359.976	558327.371	46:35'04.57751	119:44'20.04312	818.4
PII-2	139299.242	558324.886	46:35'02.61134	119:44'20.18738	812.6
PII-3	139299.125	558264.251	46:35'02.62647	119:44'23.03559	815.8
PII-4	139297.947	558204.149	46:35'02.60710	119:44'25.85924	809.9
PII-5	139359.209	558205.479	46:35'04.59073	119:44'25.76904	819.3
PII-6	139419.662	558207.958	46:35'06.54777	119:44'25.62528	825.6
PII-7	139420.669	558268.345	46:35'06.56155	119:44'22.78825	828.8
PII-8	139421.493	558329.873	46:35'06.56904	119:44'19.89772	822.2
PII-9	139360.062	558256.614	46:35'04.59927	199:44'22.89699	825.1
PIII-A-1	139390.858	558237.806	46:35'05.60561	119:44'24.23623	825.0
PIII-B-2	139388.592	558297.748	46:35'05.51353	119:44'21.42161	825.2
PIII-C-3	139328.332	558233.699	46:35'03.58192	119:44'24.45744	819.9
PIII-D-4	139329.3942	558297.0146	46:35'03.59656	119:44'21.48290	822.7

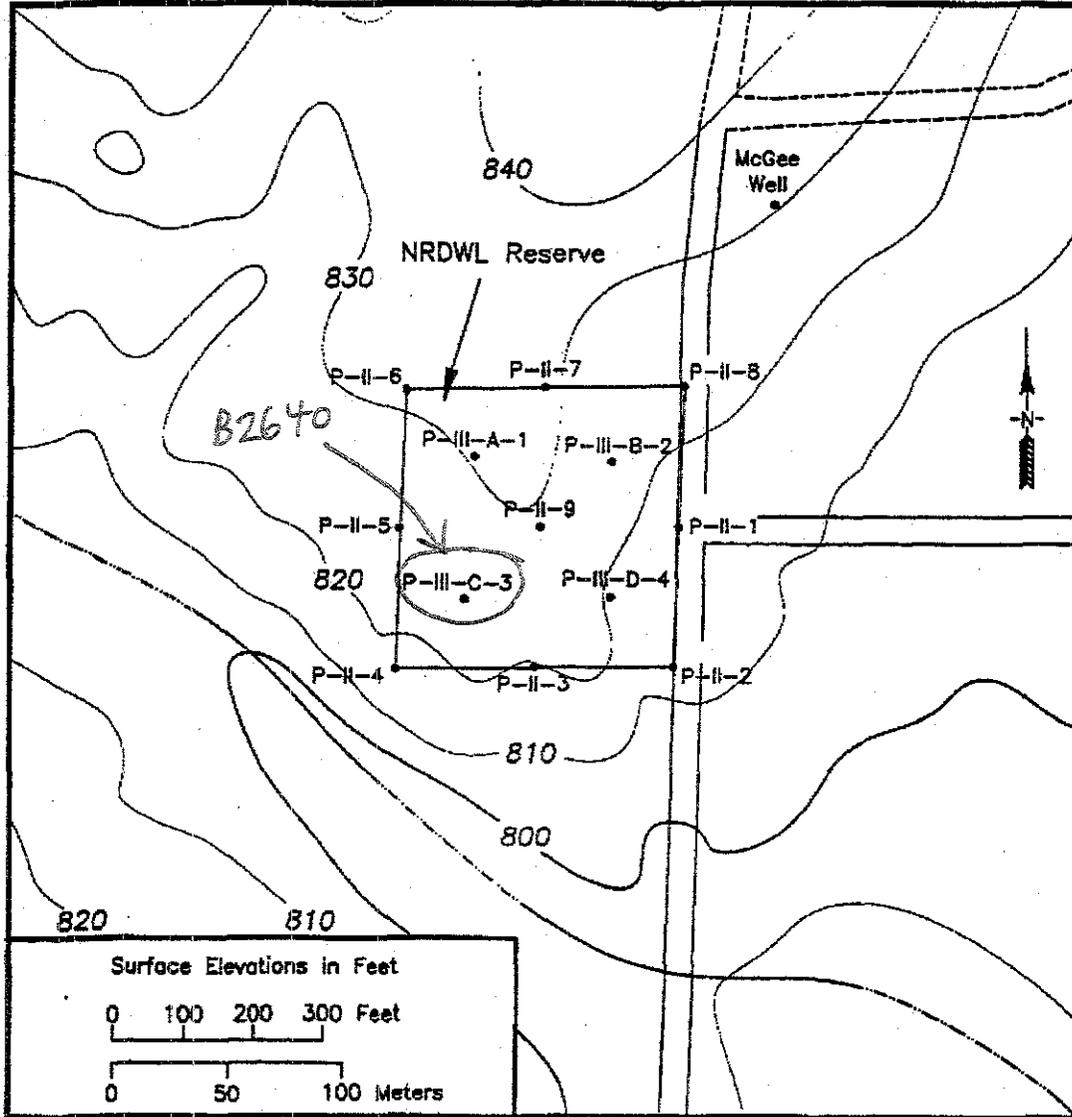
B2640
↓



BORE HOLE SITE

WHC-SD-EN-TI-218, Rev. 0

Figure 1. Site Map of the NRDWL Reserve at McGee Ranch with Locations of the 13 Boreholes.



WAS\122892L1

WELL ATTRIBUTES REPORT

WELL ORDER NO			LAST INSPECTION	1/1/1801
WELL ID	B2641		NORTHING	139329.394
WELL NAME	CPT-III-D4	CONST DATE	EASTING	558297.015
HOST WELL ID		CONST DEPTH	ELEVATION	251.8

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

SURVEY DATA REPORT

Request No.
063-332

Project No.

Title:
Well Decommissioning Program / B2641 (CPT-PIII-D4)

File No.
6AT13R25

Job No.
65400891.1193120
CA10

Prepared By
S. Wray

Date
8/29/06

Reviewer
Tim Johnson

Page
1 of 1

DESCRIPTION OF WORK

DISTRIBUTION

SDR

PLOT

DWG

Stake / Investigate location of Well B2641 (CPT-PIII-D4), at coordinates given and report if above ground evidence exists.

Survey File

OR

B.J. Howard

1

J.D. Davis

1

R.L. Biggerstaff

1

G.G. Kelty

1

E. Rafuse

1

Horizontal Datum: WCS83S/91 (Meters)

SURVEY RESULTS AND COMMENTS

Well ID

Coordinates Given

Description

B2641

N 139329.39, E 558297.02

No evidence of Well visible. Set hub and Lath at given Coordinates.

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.:
064-485

Project No.:

NA

Title:

WELL DECOMMISSIONING - WELL B2641
(West Side of HY 240)

File No.:

600W-001

No.:

65400801.1193120
homex-CA10

Prepared by:

Rand Taylor

Date:

9/26/06

Reviewer:

Tim Johnson

Page

1 of 1

DESCRIPTION OF WORK:

Performed a 10' radius scan at staked well location B2641.

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
B. Howard	1		
J. Davis	1		
D. Biggerstaff	1		
G. Kelty	1		
E. Rafuse	1		
			12#

DATE OF FIELD INVESTIGATION: 9/26/06

Weather: Temp 75°F Wind 10 MPH

Cloudy Clear P. Cloudy Fog

Soil Conditions: Rocky Sandy Wet Dry

Depth of Investigation N/A feet

Equipment Used:

- 50/60 Hz detector (for energized lines)
- Radio Frequency Electromagnetics (RF)
- Ground Penetrating Radar (GPR)
- Other (identify) Magnetometer G-858

Required Functional Checks
Current/Completed

-
-
-
-

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

Documentation Provided: Sketch of well locations

Limits of Investigation: Performed a 10' radius scan at staked well location B2641.

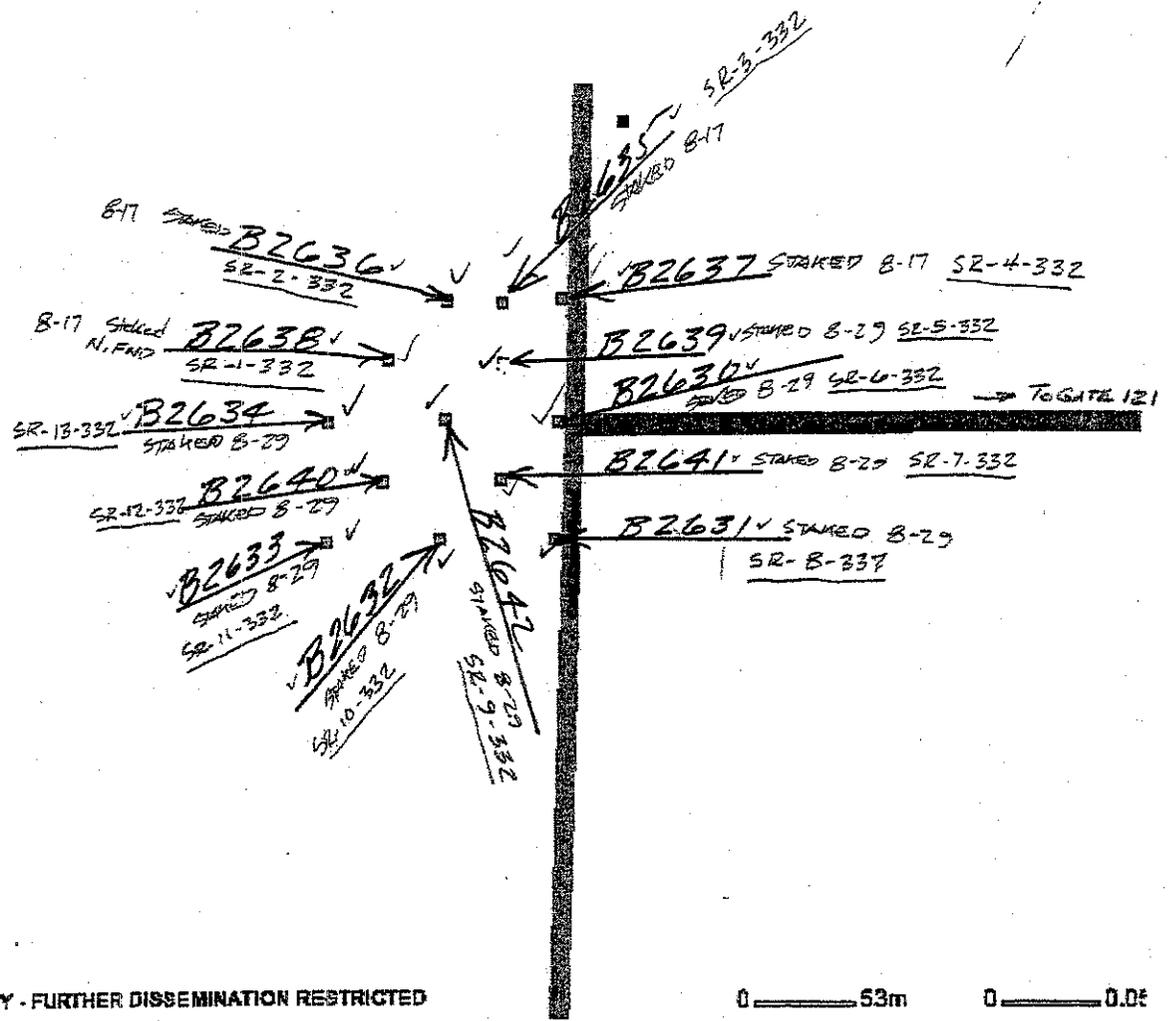
EQUIPMENT LIMITATIONS:

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

Discussion of Findings: Note, No well casing was detected at the staked well location west of HY-240.

GAT13R25

- B2638, B2639,
- B2640, B2641
- B2630, B2631
- B2632, B2633
- B2634, B2635
- B2636, B2637

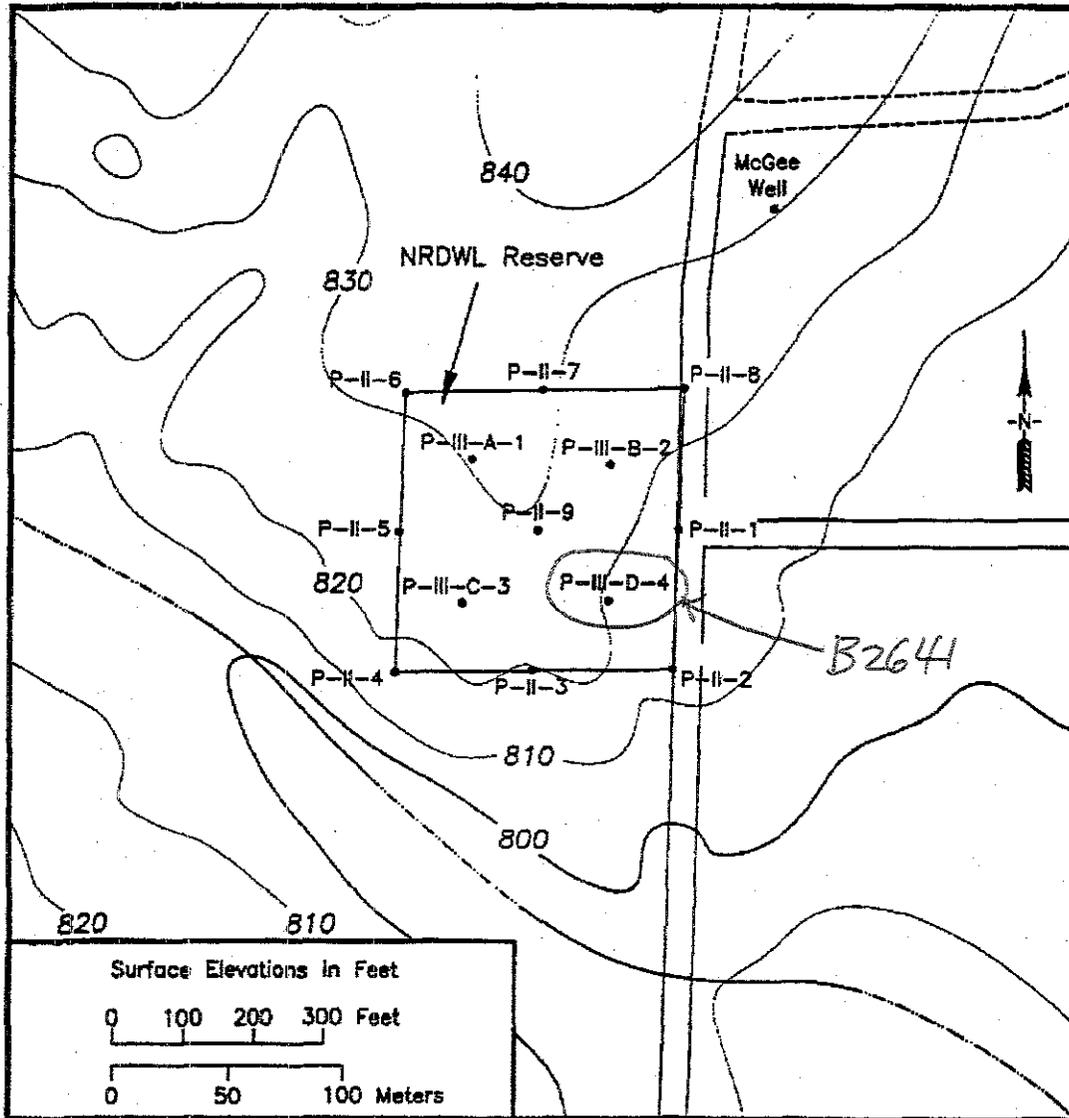


OFFICIAL USE ONLY - FURTHER DISSEMINATION RESTRICTED

0 53m 0 0.05

WHC-SD-EN-TI-218, Rev. 0

Figure 1. Site Map of the NRDWL Reserve at McGee Ranch with Locations of the 13 Boreholes.



WAS\122892L1

WELL ATTRIBUTES REPORT

LD ORDER NO
LL ID B2630
WELL NAME CPT-PII-1
HOST WELL ID _____

CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING 139359.976
EASTING 558327.371
ELEVATION 250.5

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

ND* - Not Documented

SURVEY DATA REPORT

Request No.
063-332

Project No.

Title:
Well Decommissioning Program / B2630 (CPT-PII-1)

File No.
6AT13R25

Draw No.
65400891.1193120
CA10

Prepared By
S. Wray

Date
8/29/06

Reviewer
Tim Johnson

Page
1 of 1

DESCRIPTION OF WORK

Stake / Investigate location of Well B2630 (CPT-PII-1), at coordinates given and report if above ground evidence exists.

Horizontal Datum: WCS83S/91 (Meters)

DISTRIBUTION	SDR	PLOT	DWG
Survey File	OR		
B.J. Howard	1		
J.D. Davis	1		
R.L. Biggerstaff	1		
G.G. Kelty	1		
E. Rafuse	1		

SURVEY RESULTS AND COMMENTS

Well ID

Coordinates Given

Description

B2630

N 139359.98, E 558327.37

No evidence of Well visible. Set hub and Lath at given Coordinates.

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.:
064-485

Project No.:

NA

Title:

WELL DECOMMISSIONING - WELL B2630
(West Side of HY 240)

File No.:

600W-001

No.:

3400801.1193120

homex-CA10

Prepared by:

Rand Taylor

Date:

9/26/06

Reviewer:

Tim Johnson

Page

1 of 1

DESCRIPTION OF WORK:

Performed a 10' radius scan at staked well location B2630

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
B. Howard	1		
J. Davis	1		
D. Biggerstaff	1		
G. Kelty	1		
E. Rafuse	1		
			1#

DATE OF FIELD INVESTIGATION: 9/26/06

Weather: Temp 75°F Wind 10 MPH
 Cloudy Clear P. Cloudy Fog

Soil Conditions: Rocky Sandy Wet Dry

Depth of Investigation N/A feet

Equipment Used:

- 50/60 Hz detector (for energized lines)
- Radio Frequency Electromagnetics (RF)
- Ground Penetrating Radar (GPR)
- Other (identify) Magnetometer G-858

Required Functional Checks
Current/Completed

-
-
-
-

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

Documentation Provided: Sketch of well locations

Limits of Investigation: Performed a 10' radius scan at staked well location B2630.

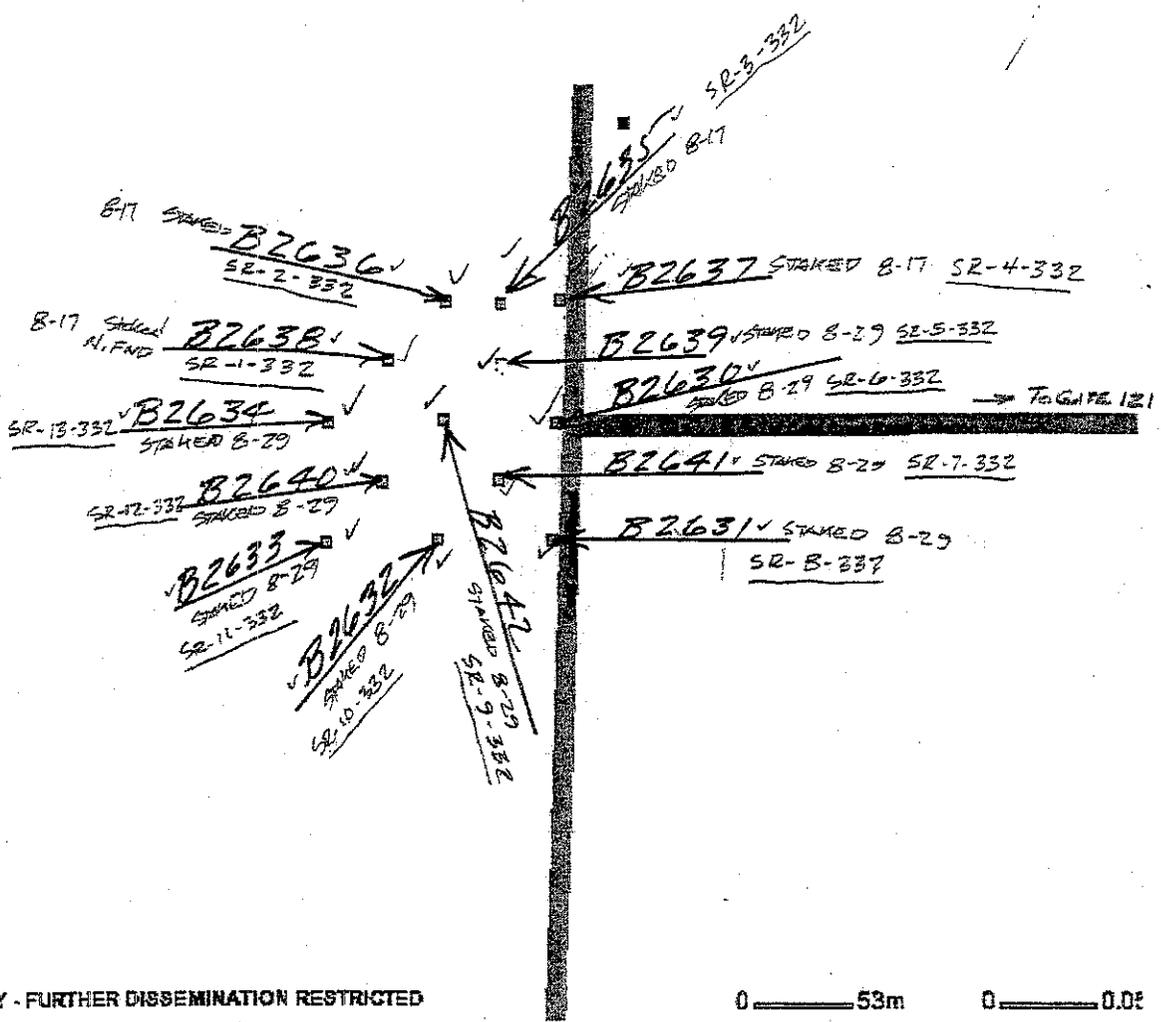
EQUIPMENT LIMITATIONS:

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

Discussion of Findings: Note, No well casing was detected at the staked well location west of HY-240.

B2638, B2639,
 B2640, B2641
 B2630, B2631
 B2632, B2633
 B2634, B2635
 B2636, B2637

6A T13 R25



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WHC-SD-EN-TI-218, Rev. 0

Figure A-1. McGee Ranch Boreholes (NRDWL) Survey Data Report.

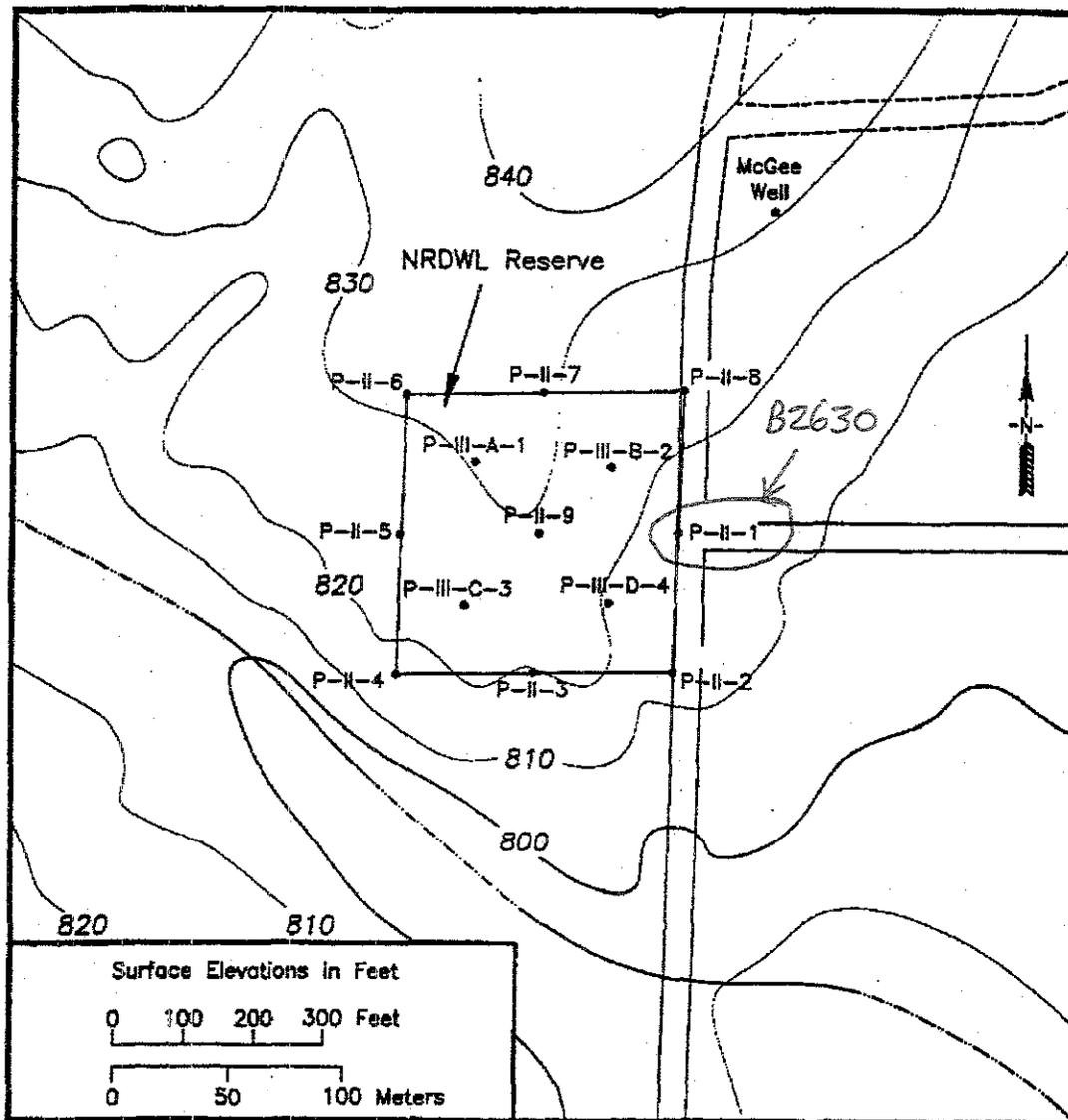
KAISER ENGINEERS HANFORD		SURVEY DATA REPORT		Request No. 9 3 1 1 0 2 4		
Project/W.O. No.		Title MCGEE RANCH BORE HOLES (NRDWL)		File No. 1 3 2 5 0 0 1		
KEN Job No. ER3487		Prepared By R.L. Hackwith		Date 11/5/92		
				Reviewer <i>V. Coyne</i> 1 1 1		
DESCRIPTION OF WORK			ACCEPTABILITY (Within Plan Tolerance)		DISTRIBUTION	
Horizontal and vertical location of Bore holes			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> TSD by Requestor <input type="checkbox"/>		Survey File Field Project File D. Hoff	
					OR -- 1	
SURVEY RESULTS AND COMMENTS						
BORE NO.	N. (NAD'83 MTRS)	E. (NAD'83 MTRS)	LATITUDE	LONGITUDE	ELEV. NGVD'29	
PII-1	139359.976	558327.371	46:35'04.57751	119:44'20.04312	818.4	
PII-2	139299.242	558324.886	46:35'02.61134	119:44'20.18738	812.6	
PII-3	139299.125	558264.251	46:35'02.62647	119:44'23.03559	815.8	
PII-4	139297.947	558204.149	46:35'02.60710	119:44'25.85924	809.9	
PII-5	139359.209	558205.479	46:35'04.59073	119:44'25.76904	819.3	
PII-6	139419.662	558207.958	46:35'06.54777	119:44'25.62528	825.6	
PII-7	139420.669	558268.345	46:35'06.56155	119:44'22.78825	828.8	
PII-8	139421.493	558329.873	46:35'06.56904	119:44'19.89772	822.2	
PII-9	139360.062	558266.614	46:35'04.59927	199:44'22.89699	825.1	
PIII-A-1	139390.858	558237.806	46:35'05.60561	119:44'24.23623	825.0	
PIII-B-2	139388.592	558297.748	46:35'05.51353	119:44'21.42161	825.2	
PIII-C-3	139328.332	558233.599	46:35'03.58192	119:44'24.45744	819.9	
PIII-D-4	139329.3942	558297.0146	46:35'03.59656	119:44'21.48290	822.7	

BORE HOLE SITE

B2630

WHC-SD-EN-TI-218, Rev. 0

Figure 1. Site Map of the NRDWL Reserve at McGee Ranch with Locations of the 13 Boreholes.



WAS\122892L1

B2630

WHC-SD-EN-TI-218, Rev. 0

BOREHOLE P-II-1 (POSITION 3,2)

<u>Depth, ft</u>	<u>Description</u>
0 to 3	Silt loam: dark gray brown (2.5 Y 4/2) in upper 0.7 ft (root zone), light yellow brown (2.5 Y 6/3) below; massive to blocky structure; eolian origin. Vigorous reaction to HCl below root zone; limonite staining associated with zones of heaviest carbonate accumulation.
3 to 13	Alternating silt loam and very fine sandy loam: light yellow brown (2.5 Y 6/3) to light gray (2.5 Y 7/2); consisting of laminated and thin-bedded sand and silt units; some sand-silt pairs represent individual upward-fining sequences. This interval corresponds to the upper part of the Touchet Beds. At this location, the Touchet Beds can be divided into an upper part, which appears to be predominantly silty, and a lower part, which appears to be predominantly sandy. Reaction to HCl is vigorous throughout (strongest in silts).
13 to 26	Alternating silt loam, silty sand and sandy loam: colors and structures as above. This interval corresponds to the lower part of the Touchet Beds.
26 to 34	Sand, silty sand, and gravelly sand, with extensive carbonate (caliche) cementation: pinkish gray color. Gravels are pebble-sized basalt clasts. This interval is interpreted to be the top of the Ringold Formation, which exhibits a well-developed paleosol.

WELL ATTRIBUTES REPORT

WELL ORDER NO _____
 WELL ID B2631
 WELL NAME CPT-PII-2
 HOST WELL ID _____

CONST DATE _____
 CONST DEPTH _____

LAST INSPECTION 1/1/1801
 NORTHING 139299.242
 EASTING 558324.886
 ELEVATION 248.8

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

SURVEY DATA REPORT

Request No.
063-332

Project No.	Title: Well Decommissioning Program / B2631 (CPT-PII-2)		File No. 6AT13R25	
No. 65400891.1193120 CA10	Prepared By S. Wray	Date 8/29/06	Reviewer <i>Tim Johnson</i>	Page 1 of 1

DESCRIPTION OF WORK	DISTRIBUTION	SDR	PLOT	DWG
Stake / Investigate location of Well B2631 (CPT-PII-2), at coordinates given and report if above ground evidence exists. Horizontal Datum: WCS83S/91 (Meters)	Survey File	OR		
	B.J. Howard	1		
	J.D. Davis	1		
	R.L. Biggerstaff	1		
	G.G. Kelty	1		
	E. Rafuse	1		

SURVEY RESULTS AND COMMENTS

<u>Well ID</u>	<u>Coordinates Given</u>	<u>Description</u>
B2631	N 139299.24, E 558324.89	No evidence of Well visible. Set hub and Lath at given Coordinates.

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.:
064-485

Project No.:
NA

Title:
WELL DECOMMISSIONING - WELL B2631
(West Side of HY 240)

File No.:
600W-001

No.:
400801.1193120
homex-CA10

Prepared by:
Rand Taylor

Date:
9/26/06

Reviewer:
Tim Johnson

Page
1 of 1

DESCRIPTION OF WORK:

Performed a 10' radius scan at staked well location B2631

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
B. Howard	1		
J. Davis	1		
D. Biggerstaff	1		
G. Kely	1		
E. Rafuse	1		
			2#

DATE OF FIELD INVESTIGATION: 9/26/06

Weather: Temp 75°F Wind 10 MPH
 Cloudy Clear P. Cloudy Fog

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

Equipment Used:

- 50/60 Hz detector (for energized lines)
- Radio Frequency Electromagnetics (RF)
- Ground Penetrating Radar (GPR)
- Other (identify) Magnetometer G-858

Required Functional Checks
Current/Completed

-
-
-
-

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

Documentation Provided: Sketch of well locations

Limits of Investigation: Performed a 10' radius scan at staked well location B2631.

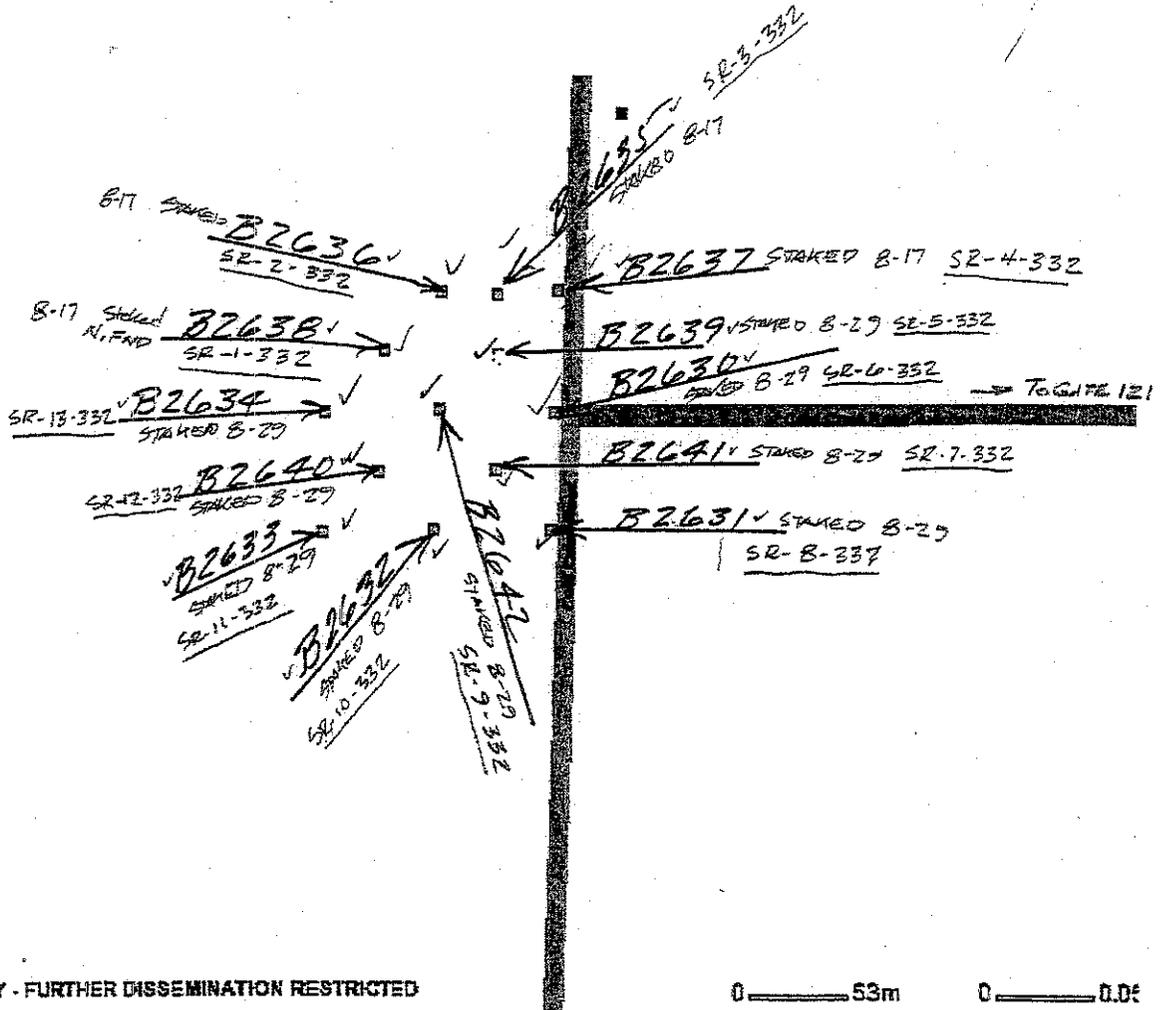
EQUIPMENT LIMITATIONS:

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

Discussion of Findings: Note, No well casing was detected at the staked well location west of HY-240.

B2638, B2639,
 B2640, B2641
 B2630, B2631
 B2632, B2633
 B2634, B2635
 B2636, B2637

GATIR25



OFFICIAL USE ONLY - FURTHER DISSEMINATION RESTRICTED

0 53m

0 0.05

WHC-SD-EN-TI-218, Rev. 0

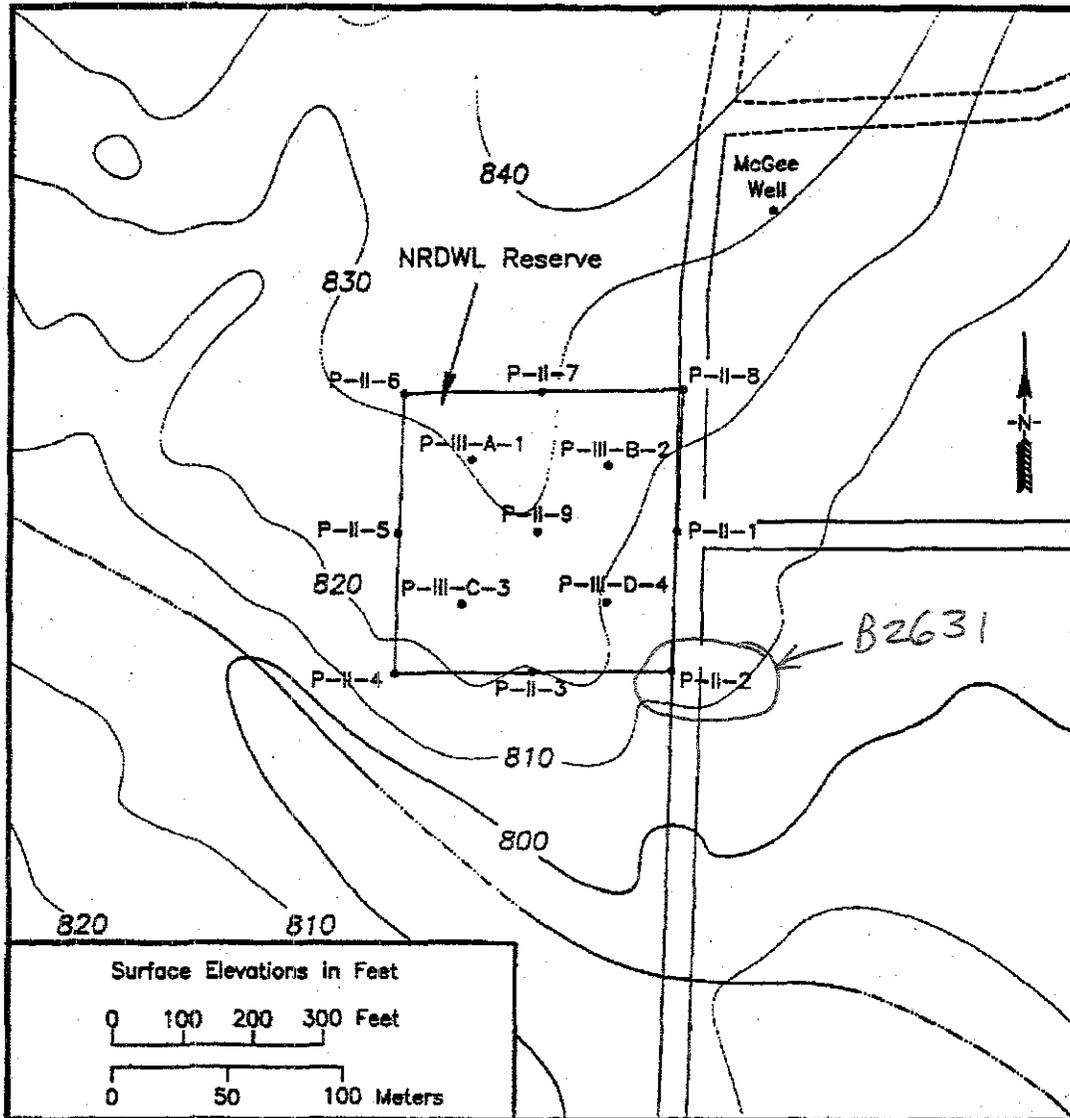
Figure A-1. McGee Ranch Boreholes (NRDWL) Survey Data Report.

KAISER ENGINEERS HANFORD		SURVEY DATA REPORT		Request No. 9 3 1 - 0 2 4		
Project/W.O. No. ER3487		Title McGEE RANCH BORE HOLES (NRDWL)		File No. 1 3 2 5 - 0 0 1		
Prepared By R.L. Hackwith		Date 11/5/92		Reviewed <i>V. Coyne</i> 1 1		
DESCRIPTION OF WORK			ACCEPTABILITY (Within Plan Tolerance)		DISTRIBUTION	
Horizontal and vertical location of Bore holes			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> TBC by Requestor <input type="checkbox"/>		Survey File Field Project File D. Hoff	
					OR -- T	
SURVEY RESULTS AND COMMENTS						
BORE NO.	N. (NAD'83 MTRS)	E. (NAD'83 MTRS)	LATITUDE	LONGITUDE	ELEV. NGVD'29	
PII-1	139359.976	558327.371	46:35'04.57751	119:44'20.04312	818.4	
PII-2	139299.242	558324.886	46:35'02.61134	119:44'20.18738	812.6	
PII-3	139299.125	558264.251	46:35'02.62647	119:44'23.03559	815.8	
PII-4	139297.947	558204.149	46:35'02.60710	119:44'25.85924	809.9	
PII-5	139359.209	558205.479	46:35'04.59073	119:44'25.76904	819.3	
PII-6	139419.662	558207.958	46:35'06.54777	119:44'25.62528	825.6	
PII-7	139420.669	558268.345	46:35'06.56155	119:44'22.78825	828.8	
PII-8	139421.493	558329.873	46:35'06.56904	119:44'19.89772	822.2	
PII-9	139360.062	558266.614	46:35'04.59927	199:44'22.89699	825.1	
PIII-A-1	139390.858	558237.806	46:35'05.60561	119:44'24.23623	825.0	
PIII-B-2	139388.592	558297.748	46:35'05.51353	119:44'21.42161	825.2	
PIII-C-3	139328.332	558233.699	46:35'03.58192	119:44'24.45744	819.9	
PIII-D-4	139329.3942	558297.0146	46:35'03.59656	119:44'21.48290	822.7	

BORE HOLE SITE

WHC-SD-EN-TI-218, Rev. 0

Figure 1. Site Map of the NRDWL Reserve at McGee Ranch with Locations of the 13 Boreholes.



WAS\122892L1

B2631

WHC-SD-EN-TI-218, Rev. 0

BOREHOLE P-II-2 (POSITION 3,3)

<u>Depth. ft</u>	<u>Description</u>
0 to 5.5	Silt loam: pale yellow (2.5 Y 7/3); massive to tabular structure; eolian origin. Strong reaction to HCl throughout; carbonate stringers infilling burrows and/or root casts.
5.5 to 14.5	Silt loam and very fine sandy loam: dull yellow (2.5 Y 6/3) to light yellow (2.5 Y 7/3); consisting of laminated and thin-bedded, alternating silt and sand units. Individual beds average 0.3 to 1.5 ft thick; laminations within beds are 3 to 4 mm thick. Several clastic dikes, infilled with fine sand, occur between 8 and 10 ft. At this location, the Touchet Beds can be divided into an upper part, which appears to be predominantly silty, and a lower part, which exhibits increased sand content. This interval corresponds to the upper part of the Touchet Beds.
14.5 to 25.3	Silt loam, silty sand and sandy loam: colors and stratification as above. This interval corresponds to the lower part of the Touchet Beds. Sands are more numerous and coarser than above, ranging from very fine to medium grained.
25.3	Cemented sand and gravelly sand; heavy carbonate (caliche) cementation. Gravels are basalt clasts. This horizon is interpreted as the paleosol at the top of the Ringold Formation.

WELL ATTRIBUTES REPORT

WELL ORDER NO
WELL ID B2632
WELL NAME CPT-PII-3
HOST WELL ID _____

CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING 139299.125
EASTING 558264.251
ELEVATION 249.7

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

SURVEY DATA REPORT

Request No.
063-332

Project No.

Title:
Well Decommissioning Program / B2632 (CPT-PII-3)

File No.
6AT13R25

Project No.
65400891.1193120
CA10

Prepared By
S. Wray

Date
8/29/06

Reviewer
Tim Johnson

Page
1 of 1

DESCRIPTION OF WORK

Stake / Investigate location of Well B2632 (CPT-PII-3), at coordinates given and report if above ground evidence exists.

Horizontal Datum: WCS83S/91 (Meters)

DISTRIBUTION	SDR	PLOT	DWG.
Survey File	OR		
B.J. Howard	1		
J.D. Davis	1		
R.L. Biggerstaff	1		
G.G. Kelty	1		
E. Rafuse	1		

SURVEY RESULTS AND COMMENTS

Well ID

Coordinates Given

Description

B2632

N 139299.13, E 558264.25

No evidence of Well visible. Set hub and Lath at given Coordinates.

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.:

064-485

Project No.:

NA

Title:

WELL DECOMMISSIONING - WELL B2632
(West Side of HY 240)

File No.:

600W-001

No.:

 65400801.1193120
homex-CA10

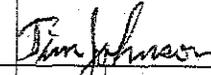
Prepared by:

Rand Taylor

Date:

9/26/06

Reviewer:



Page

1 of 1

DESCRIPTION OF WORK:

Performed a 10' radius scan at staked well location B2632

DISTRIBUTION	SDR	SKETCH	DWG
--------------	-----	--------	-----

Survey File	OR	OR	
-------------	----	----	--

B. Howard	1		
-----------	---	--	--

J. Davis	1		
----------	---	--	--

D. Biggerstaff	1		
----------------	---	--	--

G. Kelty	1		
----------	---	--	--

E. Rafuse	1		
-----------	---	--	--

3#

DATE OF FIELD INVESTIGATION: 9/26/06

 Weather: Temp 75°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)

 Other (identify) Magnetometer G-858

 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 B2632.

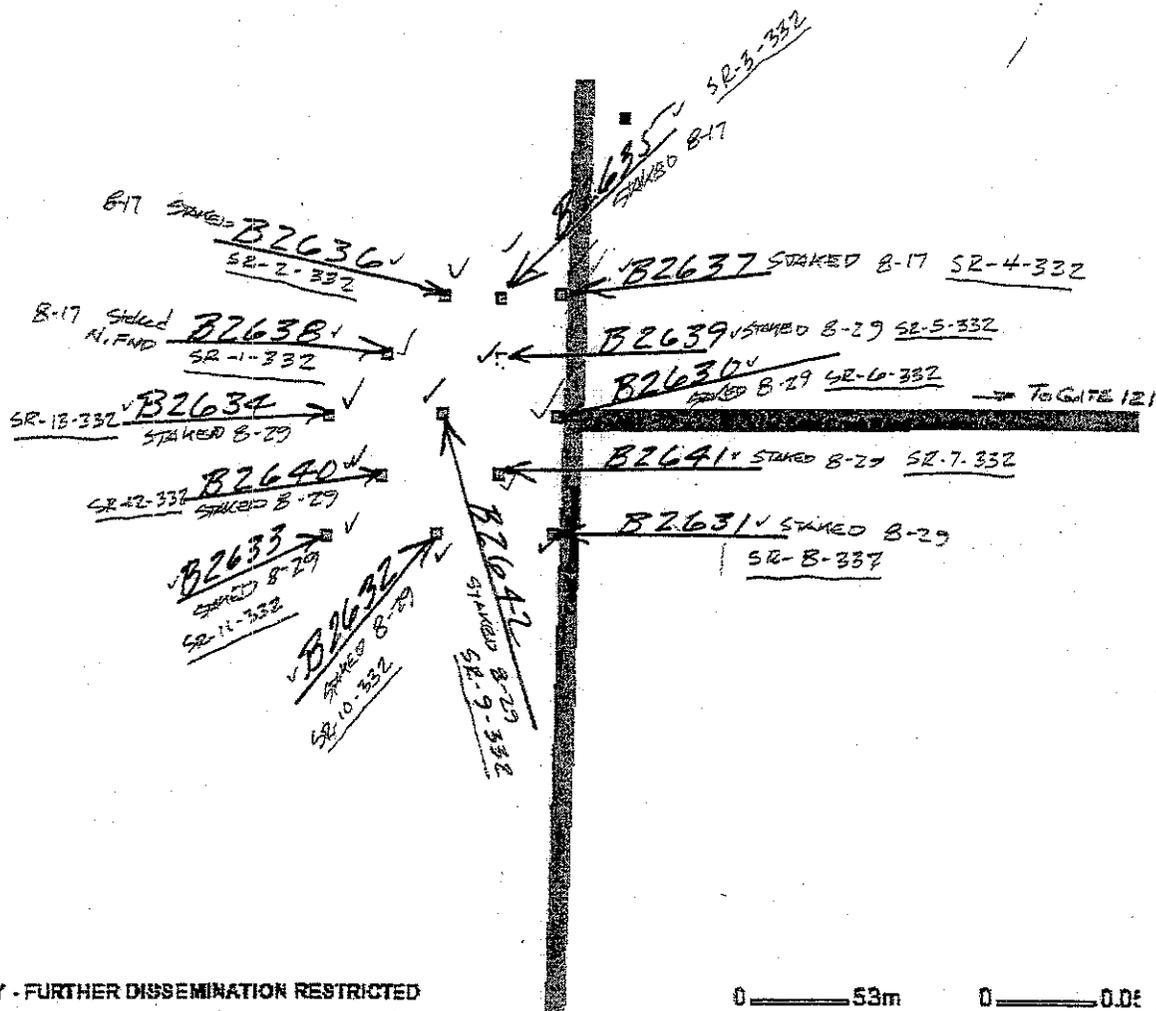
EQUIPMENT LIMITATIONS:

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 west of HY-240.

LAT 13.225

- B2638, B2639,
- B2640, B2641
- B2630, B2631
- B2632, B2633
- B2634, B2635
- B2636, B2637



OFFICIAL USE ONLY - FURTHER DISSEMINATION RESTRICTED

0 53m

0 0.02

WHC-SD-EN-TI-218, Rev. 0

Figure A-1. McGee Ranch Boreholes (NRDWL) Survey Data Report.

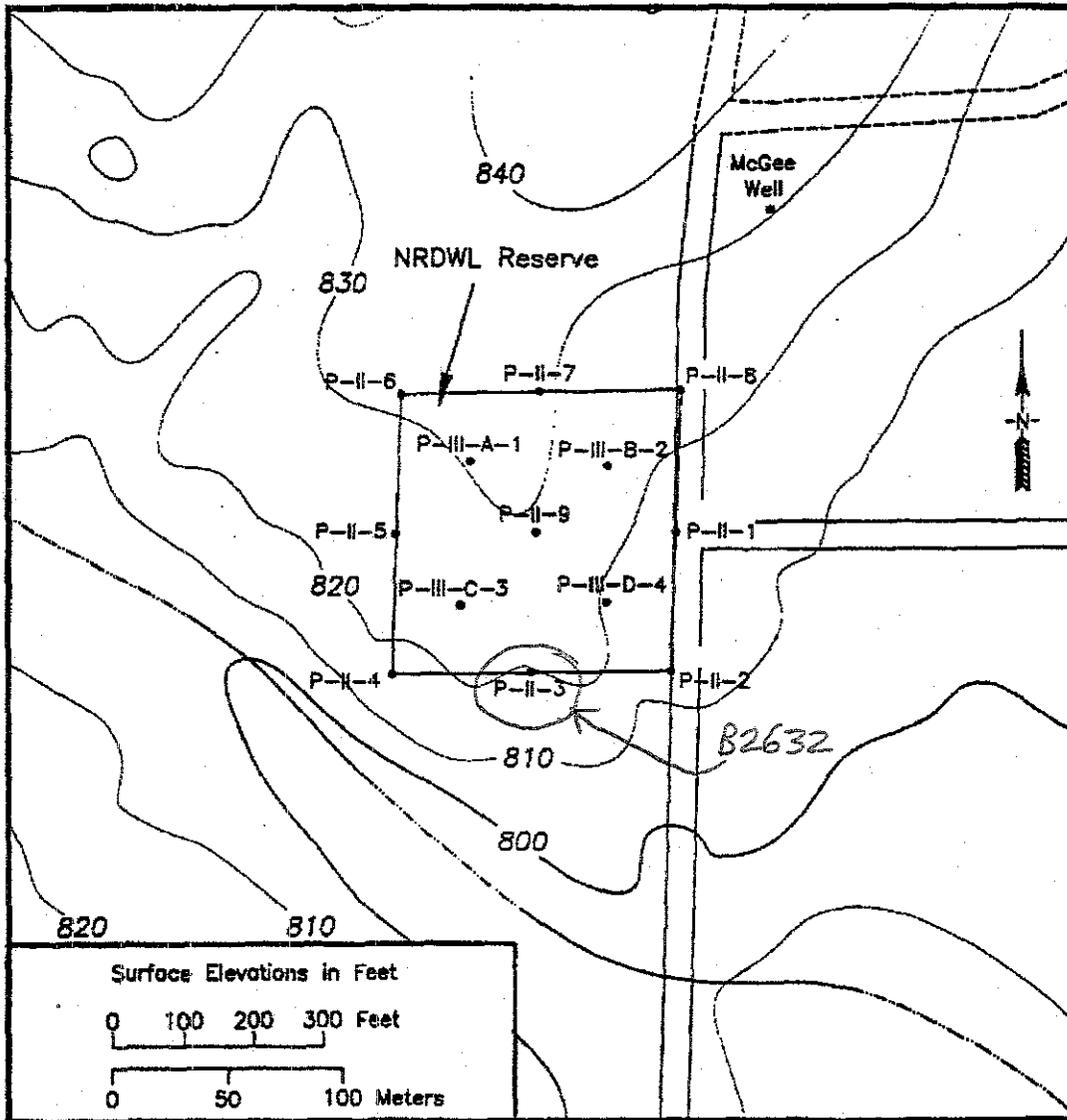
KAISER ENGINEERS HANFORD		SURVEY DATA REPORT		Request No. 9 3 1 - 0 2 4	
Project/W.O. No.		Title MCGEE RANCH BORE HOLES (NRDWL)		File No. 1 3 2 5 - 0 0 1	
KEH Job No. ER3487	Prepared By R.L. Hackwith	Date 11/5/92	Reviewer <i>V. Coyne</i>		1 1
DESCRIPTION OF WORK			ACCEPTABILITY (Within Plan Tolerance)	DISTRIBUTION	
Horizontal and vertical location of Bore holes			Yes <input checked="" type="checkbox"/>	Survey File	OR
			No <input type="checkbox"/>	Field Project File	--
			NA <input type="checkbox"/>	D. Hoff	1
			TSD by Requestor <input type="checkbox"/>		
SURVEY RESULTS AND COMMENTS					
BORE NO.	N. (NAD'83 MTRS)	E. (NAD'83 MTRS)	LATITUDE	LONGITUDE	ELEV. NGVD'29
P11-1	139359.976	558327.371	46:35'04.57751	119:44'20.04312	818.4
P11-2	139299.242	558324.886	46:35'02.61134	119:44'20.18738	812.6
P11-3	139299.125	558264.251	46:35'02.62647	119:44'23.03559	815.8
P11-4	139297.947	558204.149	46:35'02.60710	119:44'25.85924	809.9
P11-5	139359.209	558205.479	46:35'04.59073	119:44'25.76904	819.3
P11-6	139419.662	558207.958	46:35'06.54777	119:44'25.62528	825.6
P11-7	139420.669	558268.345	46:35'06.56155	119:44'22.78825	828.8
P11-8	139421.493	558329.873	46:35'06.56904	119:44'19.89772	822.2
P11-9	139360.062	558266.614	46:35'04.59927	119:44'22.89699	825.1
P111-A-1	139390.858	558237.806	46:35'05.60561	119:44'24.23623	825.0
P111-B-2	139388.592	558297.748	46:35'05.51353	119:44'21.42161	825.2
P111-C-3	139328.332	558233.699	46:35'03.58192	119:44'24.45744	819.9
P111-D-4	139329.3942	558297.0146	46:35'03.59656	119:44'21.48290	822.7

BORE HOLE SITE

B2632

WHC-SD-EN-TI-218, Rev. 0

Figure 1. Site Map of the NRDWL Reserve at McGee Ranch with Locations of the 13 Boreholes.



WAS\122892L1

B2632

WHC-SD-EN-TI-218, Rev. 0

BOREHOLE P-II-3 (POSITION 2,3)

<u>Depth, ft</u>	<u>Description</u>
0 to 4	Silt loam: pale yellow (2.5 Y 7/3); with root zone in uppermost 0.5 ft. Vigorous reaction to HCl throughout.
4 to 14.2	Alternating silt loam and very fine sandy loam, moist: light olive brown (2.5 Y 5/3) to olive gray (2.5 Y 4/3); interval consists of laminated and thin-bedded sands and silts; some sand-silt pairs represent individual upward-fining sequences. This interval corresponds to the upper part of the Touchet Beds. At this location, the Touchet Beds can be divided into an upper part, which appears to be predominantly silty, and a lower part, which appears to be predominantly sandy. Vigorous reaction to HCl throughout.
14.2 to 27.8	Alternating silt loam, sandy loam and silty sand: colors and structures as above. This interval corresponds to the lower part of the Touchet Beds.
27.8	Gravel with carbonate (caliche) cementation; this horizon is interpreted as the paleosol marking the top of the Ringold Formation.

WELL ATTRIBUTES REPORT

WELL ORDER NO
WELL ID B2633
WELL NAME CPT-PII-4
HOST WELL ID _____

CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING 139297.947
EASTING 558204.149
ELEVATION 247.9

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

SURVEY DATA REPORT

Request No.
063-332

Project No.

Title:
Well Decommissioning Program / B2633 (CPT-PII-4)

File No.
6AT13R25

No.
65400891.1193120
CA10

Prepared By
S. Wray

Date
8/29/06

Reviewer
Tim Johnson

Page
1 of 1

DESCRIPTION OF WORK

Stake / Investigate location of Well B2633 (CPT-PII-4), at coordinates given and report if above ground evidence exists.

Horizontal Datum: WCS83S/91 (Meters)

DISTRIBUTION

SDR

PLOT

DWG

Survey File

OR

B.J. Howard

1

J.D. Davis

1

R.L. Biggerstaff

1

G.G. Kelty

1

E. Rafuse

1

SURVEY RESULTS AND COMMENTS

Well ID

Coordinates Given

Description

B2633

N 139297.95, E 558204.15

No evidence of Well visible. Set hub and Lath at given Coordinates.

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.:
064-485

Project No.:

NA

Title:

 WELL DECOMMISSIONING - WELL B2633
(West Side of HY 240)

 File No.:
600W-001

 No.:
65400801.1193120
homex-CA10

 Prepared by:
Rand Taylor

 Date:
9/26/06

 Reviewer:
Tim Johnson

 Page
1 of 1

DESCRIPTION OF WORK:

Performed a 10' radius scan at staked well location B2633

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
B. Howard	1		
J. Davis	1		
D. Biggerstaff	1		
G. Kelty	1		
E. Rafuse	1		
			4#

DATE OF FIELD INVESTIGATION: 9/26/06

 Weather: Temp 75°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)
- Other (identify) Magnetometer G-858

 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 B2633.

EQUIPMENT LIMITATIONS:

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

Discussion of Findings: Note, No well casing was detected at the staked well location west of HY-240.

WHC-SD-EN-TI-218, Rev. 0

Figure A-1. McGee Ranch Boreholes (NRDWL) Survey Data Report.

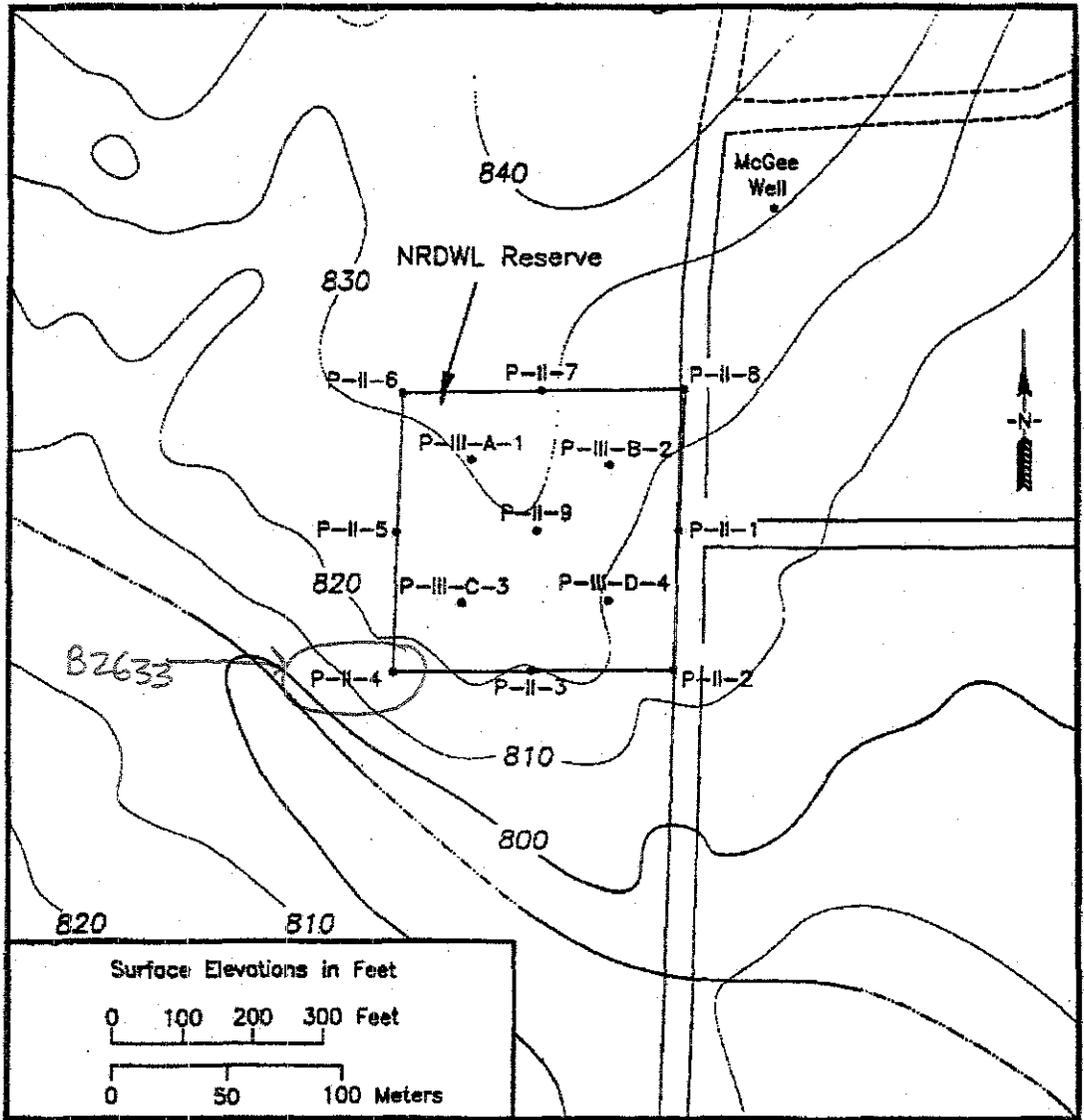
KAISER ENGINEERS HANFORD		SURVEY DATA REPORT		Request No. 9 3 1 - 0 2 4		
Project/W.O. No. ER3487		Title MCGEE RANCH BORE HOLES (NRDWL)		File No. 1 3 2 5 - 0 0 1		
KEN Job No. ER3487		Prepared By R.L. Hackwith		Date 11/5/92		
				Reviewer <i>V. Coyne</i> 1 1		
DESCRIPTION OF WORK			ACCEPTABILITY (Within Plan Tolerance)		DISTRIBUTION	
Horizontal and vertical location of Bore holes			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> TSD by Requestor <input type="checkbox"/>		Survey File Field Project File D. Hoff	
					OR -- 1	
SURVEY RESULTS AND COMMENTS						
BORE NO.	N. (NAD'83 MTRS)	E. (NAD'83 MTRS)	LATITUDE	LONGITUDE	ELEV. NGVD'29	
PII-1	139359.976	558327.371	46:35'04.57751	119:44'20.04312	818.4	
PII-2	139299.242	558324.886	46:35'02.61134	119:44'20.18738	812.6	
PII-3	139299.125	558264.251	46:35'02.62647	119:44'23.03559	815.8	
PII-4	139297.947	558204.149	46:35'02.60710	119:44'25.85924	809.9	
PII-5	139359.209	558205.479	46:35'04.59073	119:44'25.76904	819.3	
PII-6	139419.662	558207.958	46:35'06.54777	119:44'25.62528	825.6	
PII-7	139420.669	558268.345	46:35'06.56155	119:44'22.78825	828.8	
PII-8	139421.493	558329.873	46:35'06.56904	119:44'19.89772	822.2	
PII-9	139360.062	558266.614	46:35'04.59927	119:44'22.89699	825.1	
PIII-A-1	139390.858	558237.806	46:35'05.60561	119:44'24.23623	825.0	
PIII-B-2	139388.592	558297.748	46:35'05.51353	119:44'21.42161	825.2	
PIII-C-3	139328.332	558233.699	46:35'03.58192	119:44'24.45744	819.9	
PIII-D-4	139329.3942	558297.0146	46:35'03.59656	119:44'21.48290	822.7	

BORE HOLE SITE

B2633

WHC-SD-EN-TI-218, Rev. 0

Figure 1. Site Map of the NRDWL Reserve at McGee Ranch with Locations of the 13 Boreholes.



WAS\122892L1

B2633

WHC-SD-EN-TI-218, Rev. 0

BOREHOLE P-II-4 (POSITION 1,3)

<u>Depth, ft</u>	<u>Description</u>
0 to 3.9	Silt loam: light yellow brown (2.5 Y 6/3), changing to pale yellow (2.5 Y 7.3) near the bottom; root zone and organic matter present in uppermost 6 in.; eolian origin. Moderate to vigorous reaction to HCl throughout, increasing with depth.
3.9 to 10	Alternating silt loam and very fine sandy loam: pale yellow (2.5 Y 7/3) and light yellow brown (2.5 Y 6/3); made up of laminated and thin-bedded sands and silts. At this location, the Touchet Beds are divisible into a silty upper part and a sandy lower part. This is the upper Touchet Beds interval. Vigorous reaction to HCl throughout.
10 to 26.5	Alternating silt loam, silty sand and sandy loam: colors and structures as above. Lowest 1.0 ft is a single bed of clean, very fine sand. This is the lower Touchet Beds interval. Moderate to strong reaction to HCl throughout.
26.5	Sand and gravelly sand, with heavy carbonate (caliche) cementation. This horizon is interpreted as the top of the Ringold Formation. Pinkish white or gray color (logged as 7.5 YR 8/2).

WELL ATTRIBUTES REPORT

WELL ORDER NO
WELL ID B2634
WELL NAME CPT-PII-5
HOST WELL ID _____

CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING 139359.209
EASTING 558205.479
ELEVATION 250.8

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

SURVEY DATA REPORT

Request No.
063-332

Project No.

Title:
Well Decommissioning Program / B2634 (CPT-PII-5)

File No.
6AT13R25

No.
65400891.1193120
CA10

Prepared By
S. Wray

Date
8/29/06

Reviewer
Tom Johnson

Page
1 of 1

DESCRIPTION OF WORK

DISTRIBUTION

SDR

PLOT

DWG

Stake / Investigate location of Well B2634 (CPT-PII-5), at coordinates given and report if above ground evidence exists.

Survey File

OR

B.J. Howard

1

J.D. Davis

1

R.L. Biggerstaff

1

G.G. Kelty

1

E. Rafuse

1

Horizontal Datum: WCS83S/91 (Meters)

SURVEY RESULTS AND COMMENTS

Well ID

Coordinates Given

Description

B2634

N 139359.21, E 558205.48

No evidence of Well visible. Set hub and Lath at given Coordinates.

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.:
064-485

Project No.:
NA

Title:
WELL DECOMMISSIONING - WELL B2634
(West Side of HY 240)

File No. :
600W-001

No.:
65400801.1193120
homex-CA10

Prepared by:
Rand Taylor

Date:
9/26/06

Reviewer:
Tim Johnson

Page
1 of 1

DESCRIPTION OF WORK:

Performed a 10' radius scan at staked well location B2634

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
B. Howard	1		
J. Davis	1		
D. Biggerstaff	1		
G. Kelty	1		
E. Rafuse	1		
			5#

DATE OF FIELD INVESTIGATION: 9/26/06

Weather: Temp 75°F Wind 10 MPH
 Cloudy Clear P. Cloudy Fog

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

Equipment Used:
 50/60 Hz detector (for energized lines)
 Radio Frequency Electromagnetics (RF)
 Ground Penetrating Radar (GPR)
 Other (identify) Magnetometer G-858

Required Functional Checks
 Current/Completed

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

Documentation Provided: Sketch of well locations

Limits of Investigation: Performed a 10' radius scan at staked well location B2634.

EQUIPMENT LIMITATIONS:

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

Discussion of Findings: Note, No well casing was detected at the staked well location west of HY-240.

WHC-SD-EN-TI-218, Rev. 0

Figure A-1. McGee Ranch Boreholes (NRDWL) Survey Data Report.

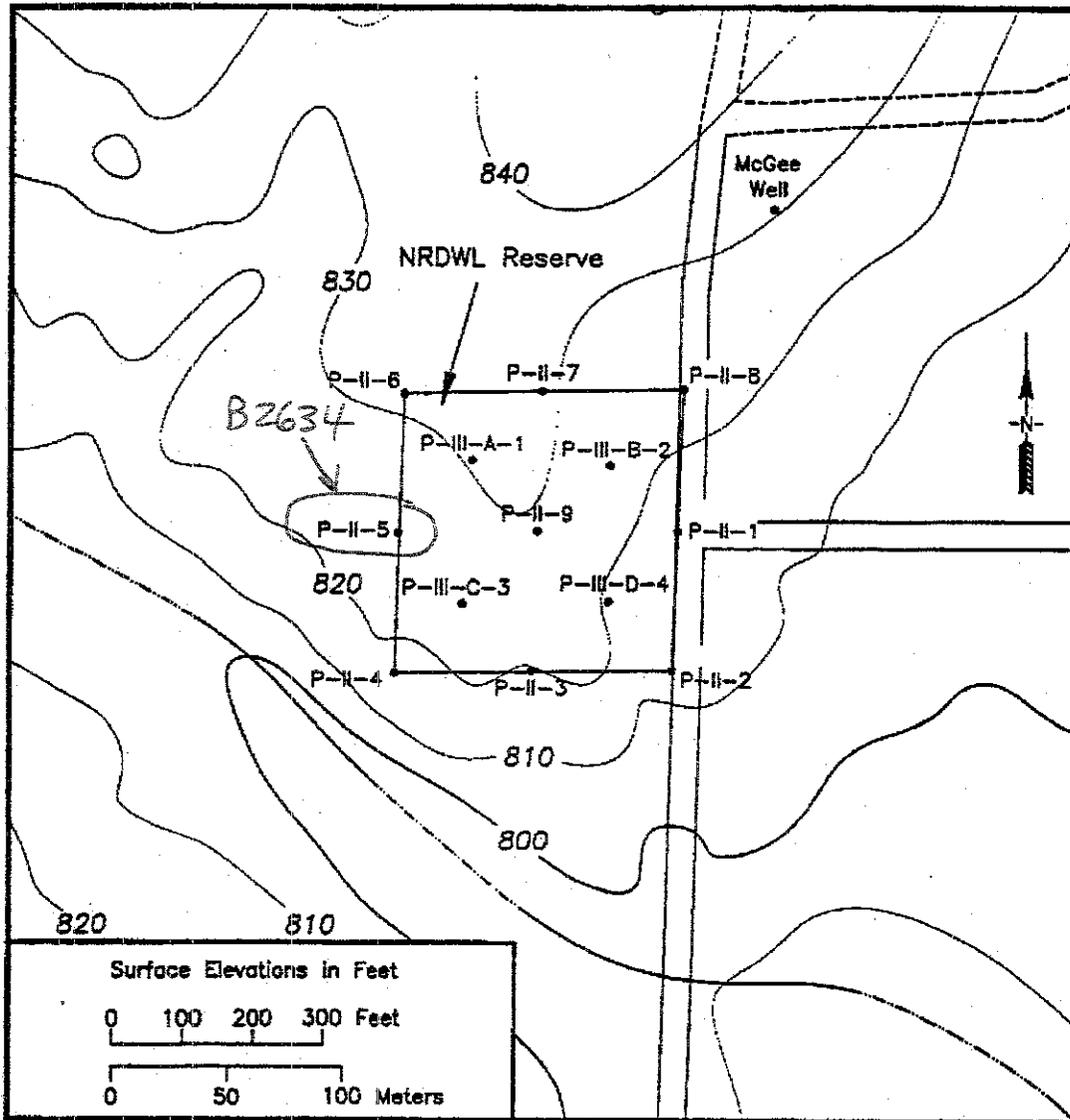
KAISER ENGINEERS HANFORD		SURVEY DATA REPORT		Request No. 9 3 1 0 2 4	
Project/W.O. No.		Title		File No.	
		McGEE RANCH BORE HOLES (NRDWL)		1 3 2 5 0 0 7	
KELH Job No. ER34B7		Prepared By R.L. Hackwith		Date 11/5/92	
				Reviewed <i>V. Coyne</i> 1 1	
DESCRIPTION OF WORK			ACCEPTABILITY (Within Plan Tolerances)		DISTRIBUTION
Horizontal and vertical location of			Yes <input checked="" type="checkbox"/>		Survey File OR
Bore holes			No <input type="checkbox"/>		Field Project File --
			NA <input type="checkbox"/>		D. Hoff 1
			TSD by Requester <input type="checkbox"/>		
SURVEY RESULTS AND COMMENTS					
BORE NO.	N. (NAD'83 MTRS)	E. (NAD'83 MTRS)	LATITUDE	LONGITUDE	ELEV. NGVD'29
PII-1	139359.976	558327.371	46:35'04.57751	119:44'20.04312	818.4
PII-2	139299.242	558324.886	46:35'02.61134	119:44'20.18738	812.6
PII-3	139299.125	558264.251	46:35'02.62647	119:44'23.03559	815.8
PII-4	139297.947	558204.149	46:35'02.60710	119:44'25.85924	809.9
PII-5	139359.209	558205.479	46:35'04.59073	119:44'25.76904	819.3
PII-6	139419.662	558207.958	46:35'06.54777	119:44'25.62528	825.6
PII-7	139420.669	558268.345	46:35'06.56155	119:44'22.78825	828.8
PII-8	139421.493	558329.873	46:35'06.56904	119:44'19.89772	822.2
PII-9	139360.062	558266.614	46:35'04.59927	199:44'22.89699	825.1
PIII-A-1	139390.858	558237.806	46:35'05.60561	119:44'24.23623	825.0
PIII-B-2	139388.592	558297.748	46:35'05.51353	119:44'21.42161	825.2
PIII-C-3	139328.332	558233.699	46:35'03.58192	119:44'24.45744	819.9
PIII-D-4	139329.3942	558297.0146	46:35'03.59656	119:44'21.48290	822.7

BORE HOLE SITE

B2634

WHC-SD-EN-TI-218, Rev. 0

Figure 1. Site Map of the NRDWL Reserve at McGee Ranch with Locations of the 13 Boreholes.



WAS\122892L1

B2634

WHC-SD-EN-TI-218, Rev. 0

BOREHOLE P-II-5 (POSITION 1,2)

<u>Depth, ft</u>	<u>Description</u>
0 to 5	Silt loam: pale yellow (2.5 Y 7/3), with root zone in upper 0.5 ft; massive structure, lacking internal stratification; eolian origin. Vigorous reaction to HCl.
5 to 29	Alternating silt loam and very fine sandy loam: colors under moist conditions are light olive brown (2.5 Y 5/3) to olive gray (2.5 Y 4/3); consisting of laminated and thin-bedded sands and silts; some sand-silt pairs represent individual upward-fining sequences. This interval corresponds to the Touchet Beds. At this location, the lower part of the Touchet Beds is not notably sandier than the upper part. Strong reaction to HCl throughout.
29	Sand and gravelly sand, with extensive carbonate (caliche) cementation: gravels are pebble-sized basalt clasts. This horizon is interpreted as the paleosol at the top of the Ringold Formation.

WELL ATTRIBUTES REPORT

WELL ORDER NO
WELL ID B2635
WELL NAME CPT-PII-6
HOST WELL ID _____

CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING 139419.662
EASTING 558297.958
ELEVATION 252.7

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

SURVEY DATA REPORT

Request No.
063-332

Project No.

Title:
Well Decommissioning Program / B2635 (CPT-PII-6)

File No.
6AT13R25

No.
65400891.1193120
CA10

Prepared By
S. Wray

Date
8/22/06

Reviewer
Tom Johnson

Page
1 of 1

DESCRIPTION OF WORK

Stake / Investigate location of Well B2635 (CPT-PII-6), at coordinates given and report if above ground evidence exists.

Horizontal Datum: WCS83S/91 (Meters)

DISTRIBUTION	SDR	PLOT	DWG
Survey File	OR		
B.I. Howard	1		
J.D. Davis	1		
R.L. Biggerstaff	1		
G.G. Kelty	1		
E. Rafuse	1		

SURVEY RESULTS AND COMMENTS

Well ID

Coordinates Given

Description

B2635

N 139419.66, E 558297.96

No evidence of Well visible. Set hub and Lath at given Coordinates.

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.:
064-485

Project No.:
NA

Title:
WELL DECOMMISSIONING - WELL B2635
(West Side of HY 240)

File No. :
600W-001

No.:
65400801.1193120
homex-CA10

Prepared by:
Rand Taylor

Date:
9/26/06

Reviewer:
R. Johnson

Page
1 of 1

DESCRIPTION OF WORK:

Performed a 10' radius scan at staked well location B2635.

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
B. Howard	1		
J. Davis	1		
D. Biggerstaff	1		
G. Kelty	1		
E. Rafuse	1		
			6#

DATE OF FIELD INVESTIGATION: 9/26/06

Weather: Temp 75°F Wind 10 MPH
 Cloudy Clear P. Cloudy Fog

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

Equipment Used:
 50/60 Hz detector (for energized lines)
 Radio Frequency Electromagnetics (RF)
 Ground Penetrating Radar (GPR)
 Other (identify) Magnetometer G-858

Required Functional Checks
 Current/Completed

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

Documentation Provided: Sketch of well locations

Limits of Investigation: Performed a 10' radius scan at staked well location B2635.

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 west of HY-240.

WHC-SD-EN-TI-218, Rev. 0

Figure A-1. McGee Ranch Boreholes (NRDWL) Survey Data Report.

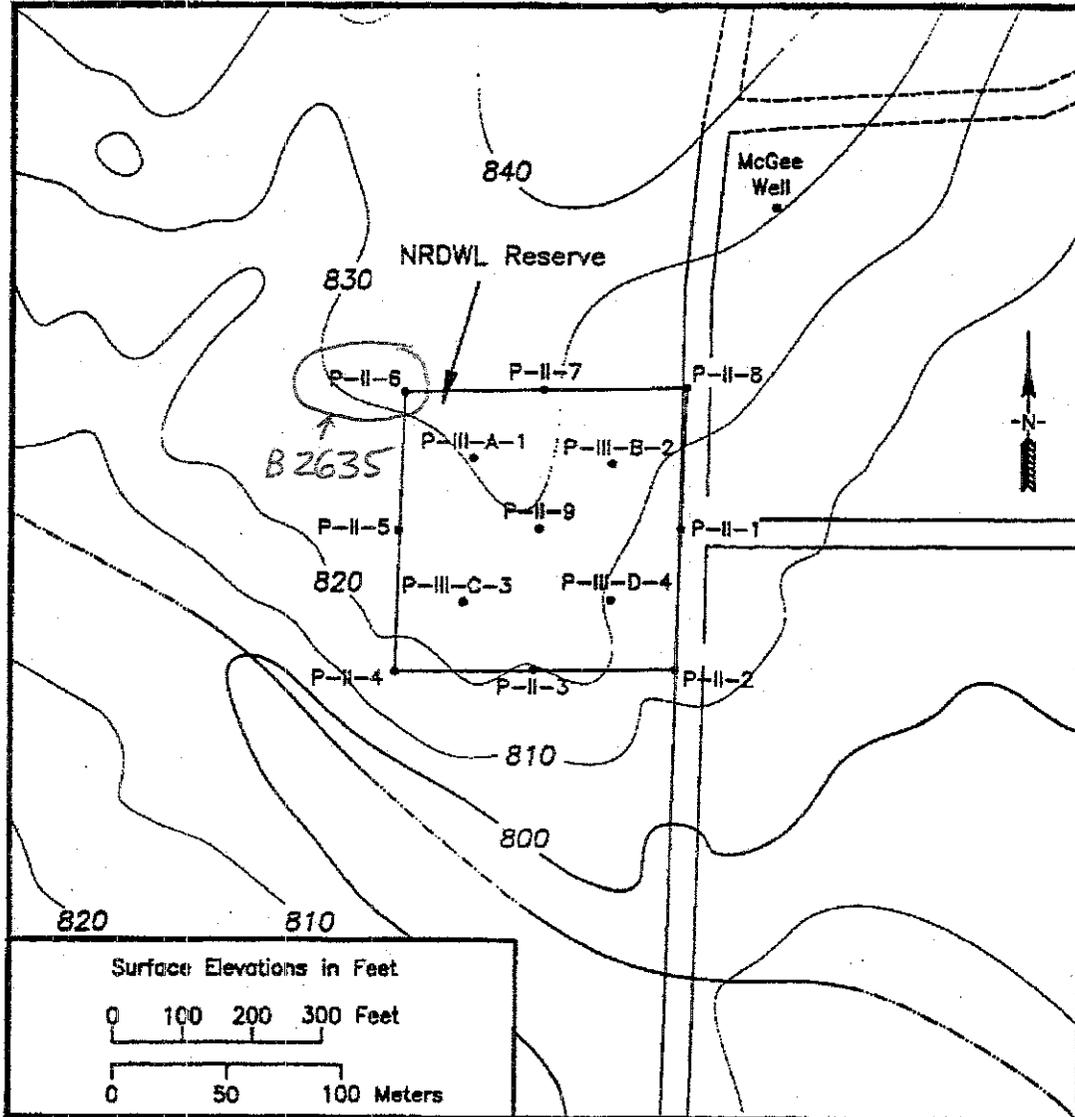
KAISER ENGINEERS HANFORD		SURVEY DATA REPORT		Request No. 9 3 1 - 0 2 4		
Project/W.C. No. ER3487		Title MCGEE RANCH BORE HOLES (NRDWL)		File No. 1 3 2 5 - 0 0 1		
Prepared By R.L. Hackwith		Date 11/5/92		Reviewer <i>V. Coyne</i> 1 1		
DESCRIPTION OF WORK			ACCEPTABILITY (Within Plan Tolerance)		DISTRIBUTION	
Horizontal and vertical location of Bore holes			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> TSD by Requestor <input type="checkbox"/>		Survey File Field Project File D. Hoff	
					OR -- T	
SURVEY RESULTS AND COMMENTS						
BORE NO.	N. (NAD'83 MTRS)	E. (NAD'83 MTRS)	LATITUDE	LONGITUDE	ELEV. NGVD'29	
PII-1	139359.976	558327.371	46:35'04.57751	119:44'20.04312	818.4	
PII-2	139299.242	558324.886	46:35'02.61134	119:44'20.18738	812.6	
PII-3	139299.125	558264.251	46:35'02.62647	119:44'23.03559	815.8	
PII-4	139297.947	558204.149	46:35'02.60710	119:44'25.85924	809.9	
PII-5	139359.209	558205.479	46:35'04.59073	119:44'25.76904	819.3	
PII-6	139419.662	558207.958	46:35'06.54777	119:44'25.62528	825.6	
PII-7	139420.669	558268.345	46:35'06.56155	119:44'22.78825	828.8	
PII-8	139421.493	558329.873	46:35'06.56904	119:44'19.89772	822.2	
PII-9	139360.062	558266.614	46:35'04.59927	199:44'22.89699	825.1	
PIII-A-1	139390.858	558237.806	46:35'05.60561	119:44'24.23623	825.0	
PIII-B-2	139388.592	558297.748	46:35'05.51353	119:44'21.42161	825.2	
PIII-C-3	139328.332	558233.699	46:35'03.58192	119:44'24.45744	819.9	
PIII-D-4	139329.3942	558297.0146	46:35'03.59656	119:44'21.48290	822.7	

BORE HOLE SITE

B2635

WHC-SD-EN-TI-218, Rev. 0

Figure 1. Site Map of the NRDWL Reserve at McGee Ranch with Locations of the 13 Boreholes.



WAS\122892L1

B2635

WHC-SD-EN-TI-218, Rev. 0

BOREHOLE P-II-6 (POSITION 1,1)

<u>Depth, ft</u>	<u>Description</u>
0 to 5	Silt loam: light olive brown (2.5 Y 5/3), grading lower to pale yellow (2.5 Y 7/3), with root zone and accumulated organic matter in upper 0.7'; massive structure, lacking internal stratification; eolian origin. Vigorous reaction to HCl throughout.
5 to 26	Alternating silt loam and very fine sandy loam: dry colors are light yellow brown (2.5 Y 6/3) to pale yellow (2.5 Y 7/3), olive brown when wet; consisting of laminated and thin-bedded sands and silts; some sand-silt pairs represent individual upward-fining sequences. This interval corresponds to the Touchet Beds. At this location, the lower part of the Touchet Beds is not notably sandier than the upper part. Strong reaction to HCl throughout.
26	Sand and basalt pebbles, with extensive carbonate (caliche) cementation: caliche is pinkish white. This horizon is interpreted as the paleosol at the top of the Ringold Formation.

WELL ATTRIBUTES REPORT

WELL ORDER NO
WELL ID B2636
WELL NAME CPT-PII-7
HOST WELL ID _____

CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING 139420.669
EASTING 558268.345
ELEVATION 253.7

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

SURVEY DATA REPORT

Request No.
063-332

Project No.

Title:
Well Decommissioning Program / B2636 (CPT-PII-7)

File No.
6AT13R25

Job No.
65400891.1193120
CA10

Prepared By
S. Wray

Date
8/22/06

Reviewer
Tom Johnson

Page
1 of 1

DESCRIPTION OF WORK	DISTRIBUTION	SDR	PLOT	DWG
	Stake / Investigate location of Well B2636 (CPT-PII-7), at coordinates given and report if above ground evidence exists. Horizontal Datum: WCS83S/91 (Meters)	Survey File	OR	
	B.J. Howard	1		
	J.D. Davis	1		
	R.L. Biggerstaff	1		
	G.G. Kelty	1		
	E. Rafuse	1		

SURVEY RESULTS AND COMMENTS

Well ID

Coordinates Given

Description

B2636

N 139420.67, E 558268.35

No evidence of Well visible. Set hub and Lath at given Coordinates.

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.:
064-485

Project No.:

Title:

WELL DECOMMISSIONING - WELL B2636
(West Side of HY 240)

File No. :
600W-001

No.:
65400801.1193120
homex-CA10

Prepared by:
Rand Taylor

Date:
9/26/06

Reviewer:
[Signature]

Page
1 of 1

DESCRIPTION OF WORK:

Performed a 10' radius scan at staked well location B2636.

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
B. Howard	1		
J. Davis	1		
D. Biggerstaff	1		
G. Kelty	1		
E. Rafuse	1		
			7#

DATE OF FIELD INVESTIGATION: 9/26/06

Weather: Temp 75°F Wind 10 MPH
 Cloudy Clear P. Cloudy Fog

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

Equipment Used:

- 50/60 Hz detector (for energized lines)
- Radio Frequency Electromagnetics (RF)
- Ground Penetrating Radar (GPR)
- Other (identify) Magnetometer G-858

Required Functional Checks
Current/Completed

-
-
-
-

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

Documentation Provided: Sketch of well locations

Limits of Investigation: Performed a 10' radius scan at staked well location B2636.

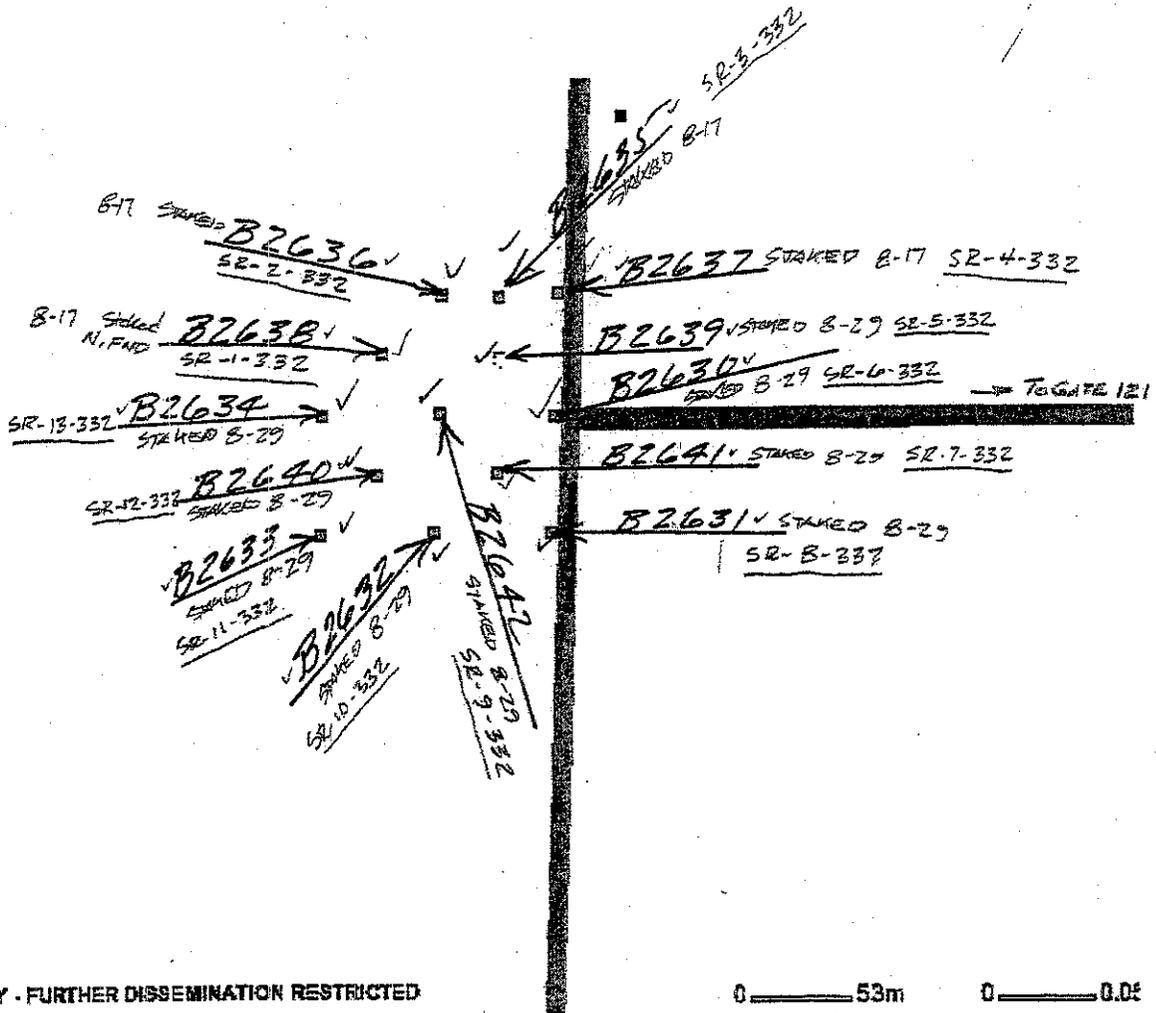
EQUIPMENT LIMITATIONS:

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

Discussion of Findings: Note, No well casing was detected at the staked well location west of HY-240.

6A T13 R25

- B2638, B2639,
- B2640, B2641
- B2630, B2631
- B2632, B2633
- B2634, B2635
- B2636, B2637



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WHC-SD-EN-TI-218, Rev. 0

Figure A-1. McGee Ranch Boreholes (NRDWL) Survey Data Report.

KAISER ENGINEERS HANFORD		SURVEY DATA REPORT		Request No. 9 3 1 - 0 2 4		
Project/W.O. No.		Title MCGEE RANCH BORE HOLES (NRDWL)		File No. 1 3 2 5 - 0 0 1		
KEH Job No. ER3487		Prepared By R.L. Hackwith		Date 11/5/92		
				Reviewer <i>V. Coyne</i> 1 1		
DESCRIPTION OF WORK			ACCEPTABILITY (Within Plan Tolerance)		DISTRIBUTION	
Horizontal and vertical location of Bore holes			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> TSD by Requestor <input type="checkbox"/>		Survey File Field Project File D. Hoff	
					OR -- 1	
SURVEY RESULTS AND COMMENTS						
BORE NO.	N. (NAD'83 MTRS)	E. (NAD'83 MTRS)	LATITUDE	LONGITUDE	ELEV. NGVD '29	
PII-1	139359.975	558327.371	46:35'04.57751	119:44'20.04312	818.4	
PII-2	139299.242	558324.886	46:35'02.61134	119:44'20.18738	812.6	
PII-3	139299.125	558264.251	46:35'02.62647	119:44'23.03559	815.8	
PII-4	139297.947	558204.149	46:35'02.60710	119:44'25.85924	809.9	
PII-5	139359.209	558205.479	46:35'04.59073	119:44'25.76904	819.3	
PII-6	139419.662	558207.958	46:35'06.54777	119:44'25.62528	825.6	
PII-7	139420.669	558268.345	46:35'06.56155	119:44'22.78825	828.8	
PII-8	139421.493	558329.873	46:35'06.56904	119:44'19.89772	822.2	
PII-9	139360.062	558266.614	46:35'04.59927	119:44'22.89699	825.1	
PIII-A-1	139390.858	558237.806	46:35'05.60561	119:44'24.23623	825.0	
PIII-B-2	139388.592	558297.748	46:35'05.51353	119:44'21.42161	825.2	
PIII-C-3	139328.332	558233.699	46:35'03.58192	119:44'24.45744	819.9	
PIII-D-4	139329.3942	558297.0146	46:35'03.59656	119:44'21.48290	822.7	

PII-6
PII-7
PII-8

PIII-A-1
PIII-B-2
PII-5
PII-9
PII-1
PIII-C-3
PIII-D-4

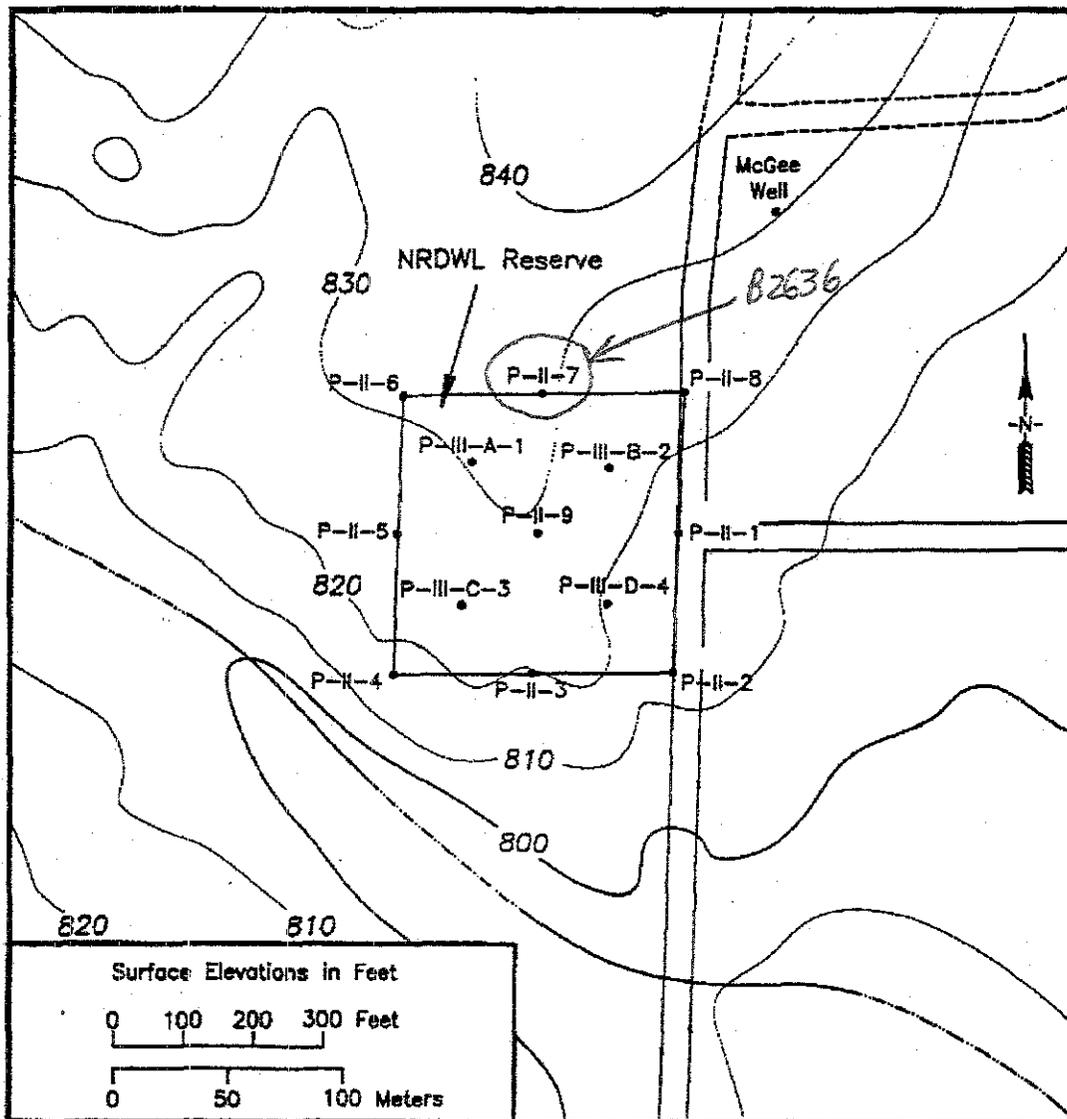
PII-4
PII-3
PII-2

BORE HOLE SITE

B2636
↙

WHC-SD-EN-TI-218, Rev. 0

Figure 1. Site Map of the NRDWL Reserve at McGee Ranch with Locations of the 13 Boreholes.



WAS\122892L1

B2636

WHC-SD-EN-TI-218, Rev. 0

BOREHOLE P-II-7 (POSITION 2,1)

<u>Depth, ft</u>	<u>Description</u>
0 to 4.2	Silt loam: light olive brown (2.5 Y 5/3), grading lower to light gray (2.5 Y 7/2), with root zone and organic matter in upper 0.6 ft; massive structure, lacks internal stratification; eolian origin. Vigorous reaction to HCl throughout; interval contains numerous thin lenses with elevated carbonate content.
4.2 to 28.3	Alternating silt loam and very fine sandy loam: light olive brown (2.5 Y 5/3) to light yellow brown (2.5 Y 6/3) - moist; consisting of laminated and thin-bedded sands and silts; some sand-silt pairs represent individual upward-fining sequences; clastic dike between about 8 and 9.5 ft. This interval corresponds to the Touchet Beds. At this location, there is no significant difference in grain size or sand content between the upper and lower parts of the Touchet Beds interval. Strong reaction to HCl throughout.
28.3	Sand and basalt pebbles, with extensive carbonate (caliche) cementation. This horizon is interpreted as the paleosol at the top of the Ringold Formation.

WELL ATTRIBUTES REPORT

WELL ORDER NO
WELL ID B2637
WELL NAME CPT-PII-8
HOST WELL ID _____

CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING 139421.493
EASTING 558329.873
ELEVATION 251.7

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

SURVEY DATA REPORT

Request No.
063-332

Project No.

Title:
Well Decommissioning Program / B2637 (CPT-PII-8)

File No.
6AT13R25

Job No.
65400891.1193120
CA10

Prepared By
S. Wray

Date
8/22/06

Reviewer
Tim Johnson

Page
1 of 1

DESCRIPTION OF WORK

Stake / Investigate location of Well B2637 (CPT-PII-8), at coordinates given and report if above ground evidence exists.

Horizontal Datum: WCS83S/91 (Meters)

DISTRIBUTION	SDR	PLOT	DWG
Survey File	OR		
B.J. Howard	1		
J.D. Davis	1		
R.L. Biggerstaff	1		
G.G. Kelty	1		
E. Rafuse	1		

SURVEY RESULTS AND COMMENTS

Well ID

Coordinates Given

Description

B2637

N 139421.49, E 558329.87

No evidence of Well visible. Set hub and Lath at given Coordinates.

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.:
064-485

 Project No.:
NA

 Title:
WELL DECOMMISSIONING - WELL B2637
 (West Side of HY 240)

 File No.:
600W-001

 J.:
05400801.1193120
homex-CA10

 Prepared by:
Rand Taylor

 Date:
9/26/06

 Reviewer:
[Signature]

 Page
1 of 1

DESCRIPTION OF WORK:

 Performed a 10' radius scan at staked well location B2637.

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
B. Howard	1		
J. Davis	1		
D. Biggerstaff	1		
G. Kelty	1		
E. Rafuse	1		
			8#

DATE OF FIELD INVESTIGATION: 9/26/06

 Weather: Temp 75°F Wind 10 MPH
 Cloudy Clear P. Cloudy Fog

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

Equipment Used:
 50/60 Hz detector (for energized lines)
 Radio Frequency Electromagnetics (RF)
 Ground Penetrating Radar (GPR)
 Other (identify) Magnetometer G-858

Required Functional Checks
 Current/Completed

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

Documentation Provided: Sketch of well locations

Limits of Investigation: Performed a 10' radius scan at staked well location B2637.

EQUIPMENT LIMITATIONS:

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

Discussion of Findings: Note, No well casing was detected at the staked well location west of HY-240.

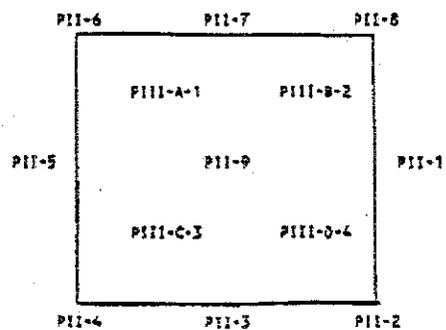
WHC-SD-EN-TI-218, Rev. 0

Figure A-1. McGee Ranch Boreholes (NRDWL) Survey Data Report.

KAISER ENGINEERS HANFORD		SURVEY DATA REPORT		Request No.	9 3 1 1 0 2 4
Project/W.C. No.	Title McGEE RANCH BORE HOLES (NRDWL)			File No.	1 3 2 5 0 0 1
KEH Job No. ER3487	Prepared By R.L. Hackwith	Date 11/5/92	Reviewed <i>V. Coyne</i>		1 1
DESCRIPTION OF WORK			ACCEPTABILITY (Within Plan Tolerance)	DISTRIBUTION	
Horizontal and vertical location of Bore holes			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> TSD by Requestor <input type="checkbox"/>	Survey File	OR
				Field Project File	--
				D. Hoff	1

SURVEY RESULTS AND COMMENTS					
BORE NO.	N. (NAD'83 MTRS)	E. (NAD'83 MTRS)	LATITUDE	LONGITUDE	ELEV. NGVD'29
P11-1	139359.976	558327.371	46:35'04.57751	119:44'20.04312	818.4
P11-2	139299.242	558324.886	46:35'02.61134	119:44'20.18738	812.6
P11-3	139299.125	558264.251	46:35'02.62647	119:44'23.03559	815.8
P11-4	139297.947	558204.149	46:35'02.60710	119:44'25.85924	809.9
P11-5	139359.209	558205.479	46:35'04.59073	119:44'25.76904	819.3
P11-6	139419.652	558207.958	46:35'06.54777	119:44'25.62528	825.6
P11-7	139420.569	558268.345	46:35'06.56155	119:44'22.78825	828.8
P11-8	139421.493	558329.873	46:35'06.56904	119:44'19.89772	822.2
P11-9	139360.052	558266.614	46:35'04.59927	119:44'22.89699	825.1
P111-A-1	139390.858	558237.806	46:35'05.60561	119:44'24.23623	825.0
P111-B-2	139388.592	558297.748	46:35'05.51353	119:44'21.42161	825.2
P111-C-3	139328.332	558233.699	46:35'03.58192	119:44'24.45744	819.9
P111-D-4	139329.3942	558297.0146	46:35'03.59656	119:44'21.48290	822.7

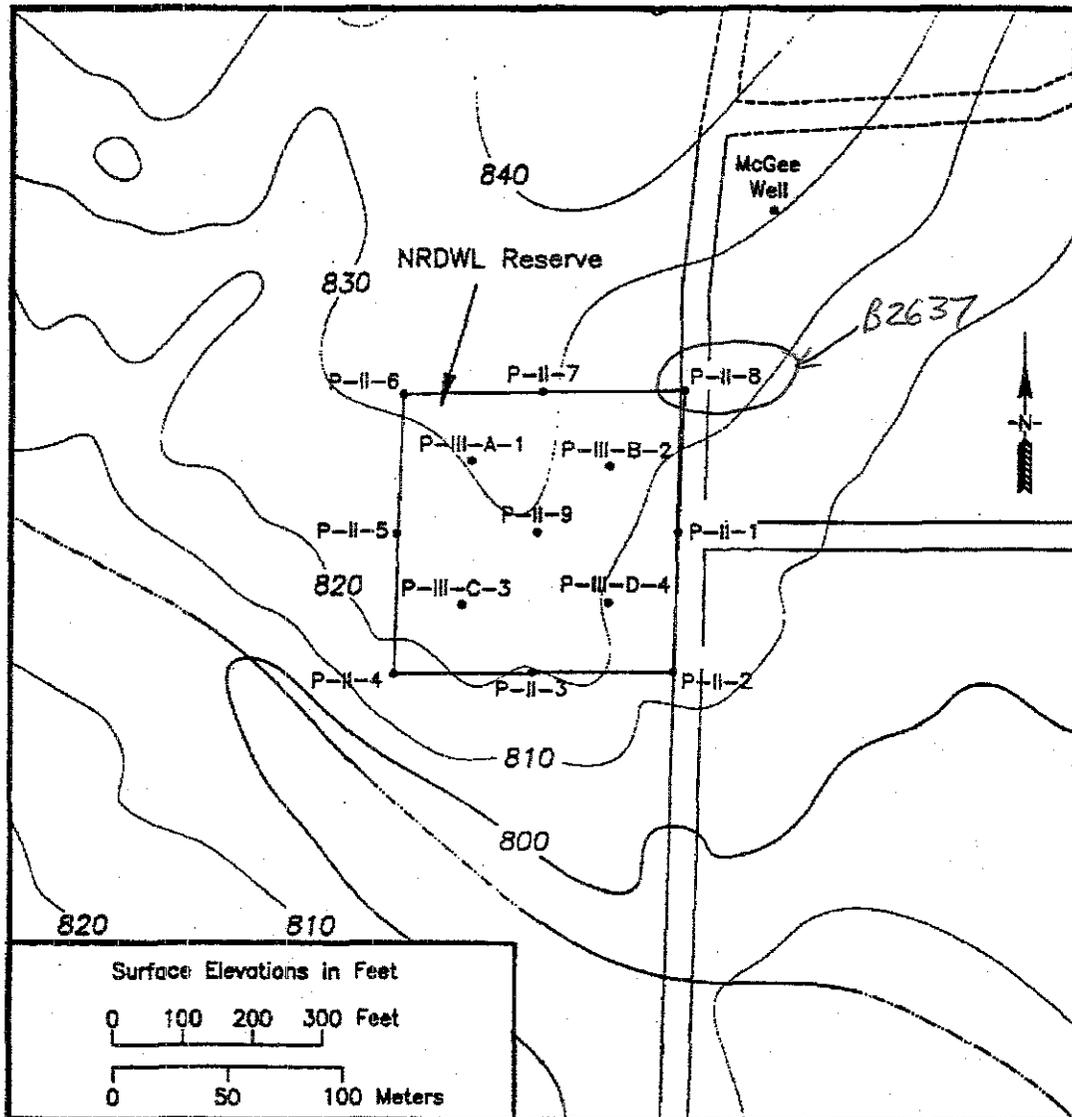
82637
↓



BORE HOLE SITE

WHC-SD-EN-TI-218, Rev. 0

Figure 1. Site Map of the NRDWL Reserve at McGee Ranch with Locations of the 13 Boreholes.



WAS\122892L1

B2637

WHC-SD-EN-TI-218, Rev. 0

BOREHOLE P-II-8 (POSITION 3,1)

<u>Depth, ft</u>	<u>Description</u>
0 to 4	Silt loam: pale yellow (2.5 Y 7/3); with root zone and organic matter in upper part; massive structure; eolian origin. Vigorous reaction to HCl throughout.
4 to 24.8	Alternating silt loam and very fine sandy loam: light olive brown (2.5 Y 5/3) to pale yellow (2.5 Y 7/3) - dry; consisting of laminated and thin-bedded sands and silts. This interval corresponds to the Touchet Beds. At this location, there is no significant difference in grain size or sand content between the upper and lower parts of the Touchet Beds interval. Strong reaction to HCl throughout.
24.8	Sand and basalt pebbles, with extensive carbonate (caliche) cementation. This horizon is interpreted as the paleosol at the top of the Ringold Formation.

WELL ATTRIBUTES REPORT

WELL ORDER NO
WELL ID B2642
WELL NAME CPT-PII-9
HOST WELL ID _____

CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING 139360.062
EASTING 558266.614
ELEVATION 252.6

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

SURVEY DATA REPORT

Request No.
063-332

Project No.

Title:
Well Decommissioning Program / B2642 (CPT-PII-9)

File No.
6AT13R25

o.
65400891.1193120
CA10

Prepared By
S. Wray

Date
8/29/06

Reviewer
Tim Johnson

Page
1 of 1

DESCRIPTION OF WORK

DISTRIBUTION

SDR

PLOT

DWG

Stake / Investigate location of Well B2642 (CPT-PII-9), at coordinates given and report if above ground evidence exists.

Survey File

OR

B.J. Howard

1

J.D. Davis

1

R.L. Biggerstaff

1

G.G. Kelty

1

E. Rafuse

1

Horizontal Datum: WCS83S/91 (Meters)

SURVEY RESULTS AND COMMENTS

Well ID

Coordinates Given

Description

B2642

N 139360.06, E 558266.61

No evidence of Well visible. Set hub and Lath at given Coordinates.

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.:
064-485

 Project No.:
NA

 Title:
WELL DECOMMISSIONING - WELL B2642
(West Side of HY 240)

 File No.:
600W-001

 No.:
65400801.1193120
homex-CA10

 Prepared by:
Rand Taylor

 Date:
9/26/06

 Reviewer:
Tim Johnson

 Page
1 of 1

 DESCRIPTION OF WORK:

 Performed a 10' radius scan at staked well location B2642.

DISTRIBUTION	SDR	SKETCH	DWG
Survey File	OR	OR	
B. Howard	1		
J. Davis	1		
D. Biggerstaff	1		
G. Kelty	1		
E. Rafuse	1		
			13#

DATE OF FIELD INVESTIGATION: 9/26/06

 Weather: Temp 75°F Wind 10 MPH
 Cloudy Clear P. Cloudy Fog

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

 Equipment Used:
 50/60 Hz detector (for energized lines)
 Radio Frequency Electromagnetics (RF)
 Ground Penetrating Radar (GPR)
 Other (identify) Magnetometer G-858

 Required Functional Checks
 Current/Completed

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

Documentation Provided: Sketch of well locations

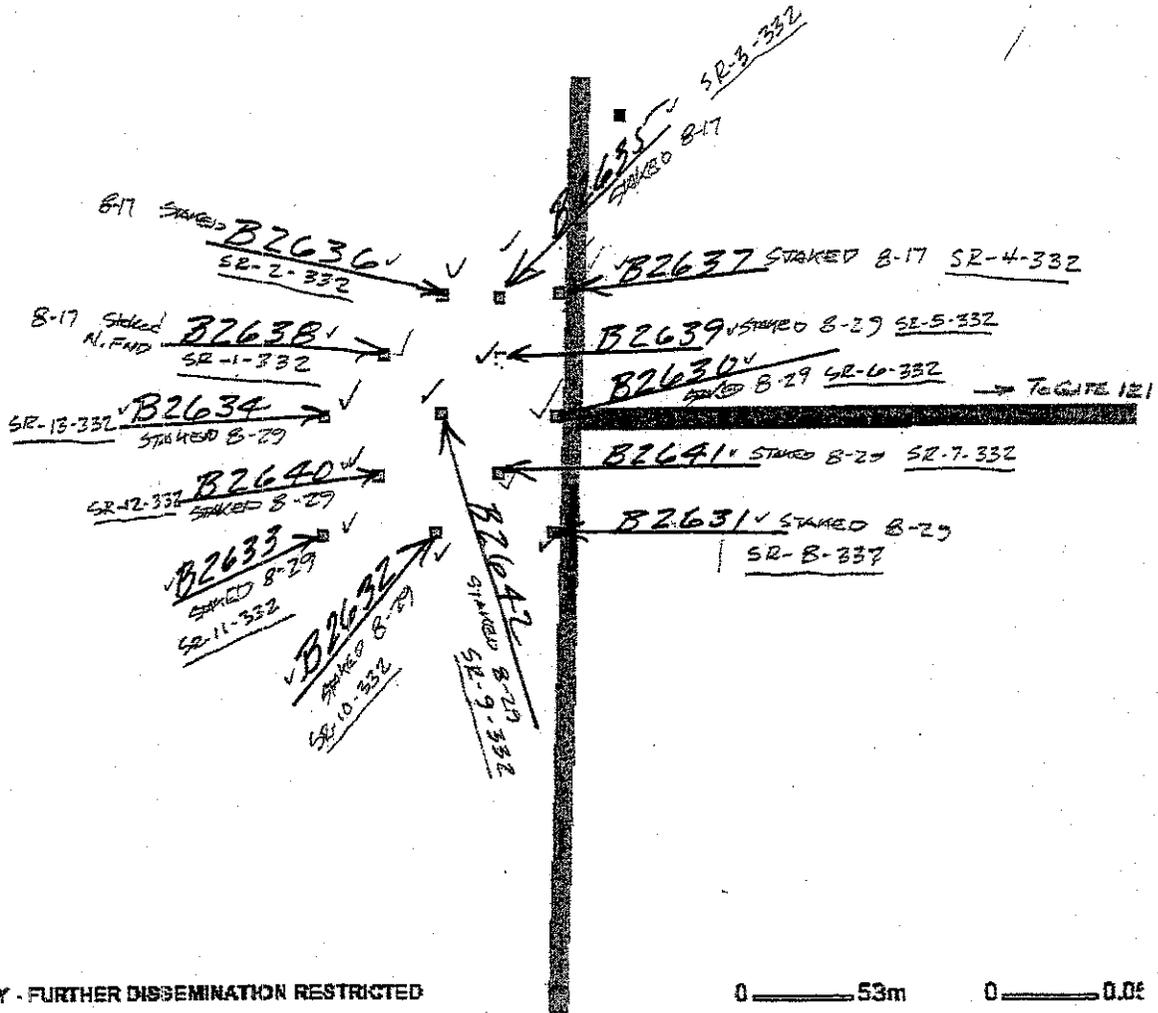
Limits of Investigation: Performed a 10' radius scan at staked well location B2642.

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 west of HY-240.

B2638, B2639,
 B2640, B2641
 B2630, B2631
 B2632, B2633
 B2634, B2635
 B2636, B2637

LATTICE



OFFICIAL USE ONLY - FURTHER DISSEMINATION RESTRICTED

0 53m

0 0.02

WHC-SD-EN-TI-218, Rev. 0

Figure A-1. McGee Ranch Boreholes (NRDWL) Survey Data Report.

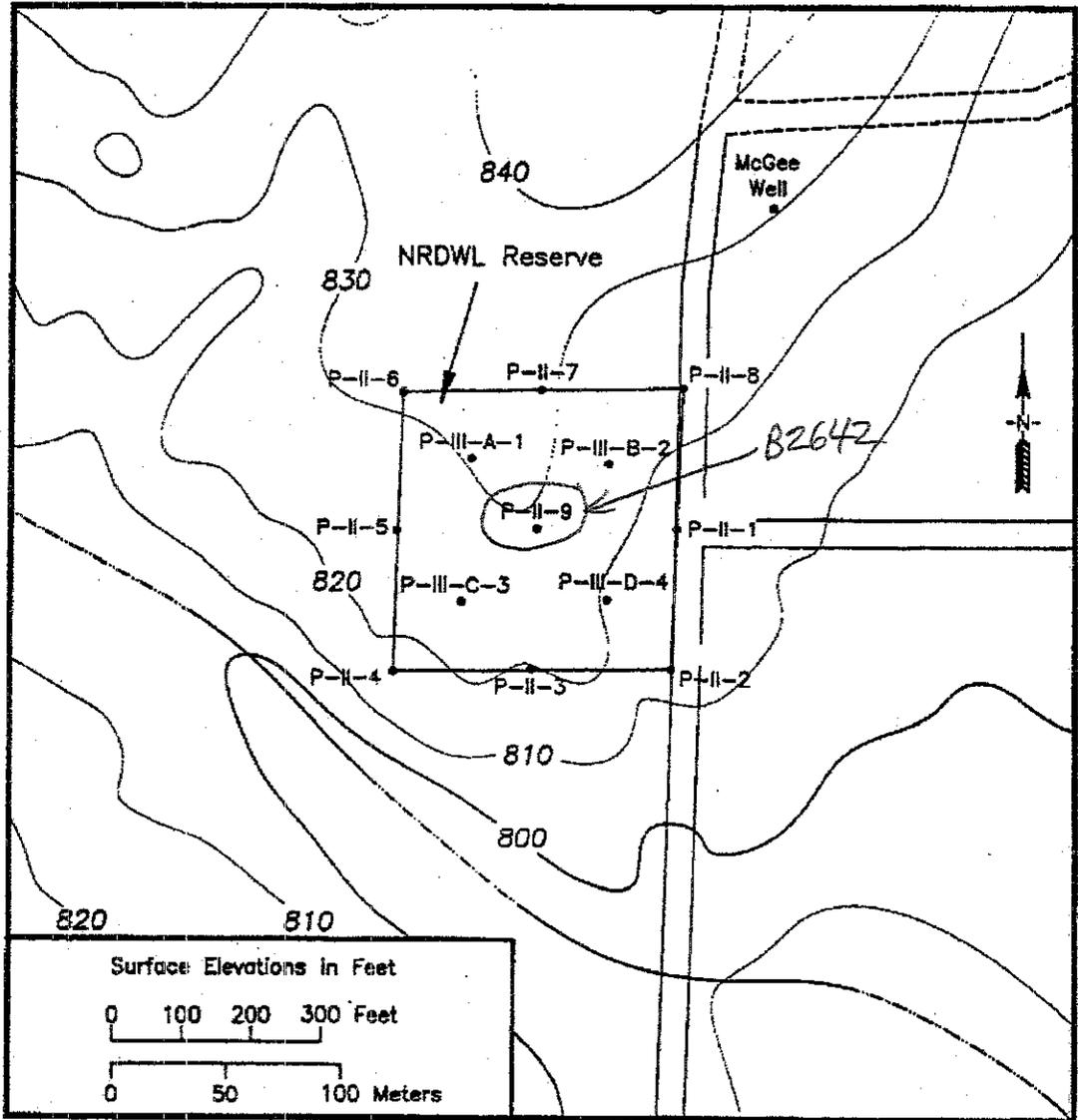
KAISER ENGINEERS HANFORD		SURVEY DATA REPORT		Request No. 9 3 1 - 0 2 4		
Project/W.O. No.		Title		File No.		
		MCGEE RANCH BORE HOLES (NRDWL)		1 3 2 5 - 0 0 1		
KEM Job No. ER3487		Prepared By R.L. Hackwith		Date 11/5/92		
				Reviewer <i>V. Coyne</i> 1 1		
DESCRIPTION OF WORK			ACCEPTABILITY (Within Plan Tolerance)		DISTRIBUTION	
Horizontal and vertical location of			Yes <input checked="" type="checkbox"/>		Survey File	
Bore holes			No <input type="checkbox"/>		Field Project File	
			NA <input type="checkbox"/>		D. Hoff	
			TBC by			
			Requestor <input type="checkbox"/>			
SURVEY RESULTS AND COMMENTS						
BORE NO.	N. (NAD'83 MTRS)	E. (NAD'83 MTRS)	LATITUDE	LONGITUDE	ELEV. NGVD'29	
PII-1	139359.976	558327.371	46:35'04.57751	119:44'20.04312	818.4	
PII-2	139299.242	558324.886	46:35'02.61134	119:44'20.18738	812.6	
PII-3	139299.125	558264.251	46:35'02.62647	119:44'23.03559	815.8	
PII-4	139297.947	558204.149	46:35'02.60710	119:44'25.85924	809.9	
PII-5	139359.209	558205.479	46:35'04.59073	119:44'25.76904	819.3	
PII-6	139419.662	558207.958	46:35'06.54777	119:44'25.62528	825.6	
PII-7	139420.669	558268.345	46:35'06.56155	119:44'22.78825	828.8	
PII-8	139421.493	558329.873	46:35'06.56904	119:44'19.89772	822.2	
PII-9	139360.062	558266.614	46:35'04.59927	199:44'22.89699	825.1	
PIII-A-1	139390.858	558237.806	46:35'05.60561	119:44'24.23623	825.0	
PIII-B-2	139388.592	558297.748	46:35'05.51353	119:44'21.42161	825.2	
PIII-C-3	139328.332	558233.699	46:35'03.58192	119:44'24.45744	819.9	
PIII-D-4	139329.3942	558297.0146	46:35'03.59656	119:44'21.48290	822.7	

BORE HOLE SITE

B2642

WHC-SD-EN-TI-218, Rev. 0

Figure 1. Site Map of the NRDWL Reserve at McGee Ranch with Locations of the 13 Boreholes.



WAS\122892L1

B2642

WHC-SD-EN-TI-218, Rev. 0

BOREHOLE P-II-9 (POSITION 2,2)

<u>Depth. ft</u>	<u>Description</u>
0 to 4	Silt loam with small pebbles; pale yellow (2.5 Y 7/3); with root zone and organic matter in upper 0.6 ft; no apparent structure; predominantly eolian origin, possibly containing some colluvial material.
4 to 30.7	Alternating silt loam and very fine sandy loam: light olive brown (2.5 Y 5/3) to pale yellow (2.5 Y 7/3); consisting of laminated and thin-bedded sands and silts; clastic dikes occur between 14 to 16 ft and 19 to 21 ft. Isolated basalt pebbles occur at about 25.3 ft. This interval corresponds to the Touchet Beds. At this location, there is no significant difference in grain size or sand content between the upper and lower parts of the Touchet Beds interval. Strong reaction to HCl throughout.
30.7	Sand and basalt pebbles, with extensive carbonate (caliche) cementation. This horizon is interpreted as the paleosol at the top of the Ringold Formation.

SURVEY DATA REPORT

Request No.
063-0324

Project No.

Title:
Well Decommissioning / A9402

File No.
6AT14R25

No.
65400801.1193120/CA1
0

Prepared By
T.F. Johnson

Date
7/19/2006

Reviewer

Page
1 of

DESCRIPTION OF WORK

DISTRIBUTION

SDR

PLOT

DWG

Stake location of well A9402. If found, obtain well diameter, stick up, depth to water, total depth.

Survey File

OR

B.J. Howard

1

J.D. Davis

1

R.L. Biggerstaff

1

G.G. Kely

1

E.C. Rafuse

1

SURVEY RESULTS AND COMMENTS

<u>Name</u>	<u>Northing</u>	<u>Easting</u>	<u>Elevation</u>	<u>Description</u>
A9402	148977.257	561059.787		Coordinates from HWIS
A9402	148977.277	561059.792	264.893	As staked in field.

No evidence of well, no debris, no disturbed ground. Set hub and lath. Observed Army Corp of Engineers Monument N5460 -0.1 meters West of staked location. See attached photo.

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

A9402 H-83-R-1

MARKER
DRIVER

