AR TARGET SHEET

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

EDMC#: 0076454
SECTION: 1 of 2

DOCUMENT #: 08-AMCP-0119

TITLE: ADMINISTRATIVE DECOMMISSIONING FOR WELLS WITH SURVEYS

0076454

Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

08-AMCP-0119

MAR 0 5 2008

Ms. J. A. Hedges, Program Manager
Nuclear Waste Program
State of Washington
Department of Ecology
3100 Port of Benton
Richland, Washington 99354

RECEIVED
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EDMC

Dear Ms. Hedges:

ADMINISTRATIVE DECOMMISSIONING FOR 43 WELLS WITH SURVEYS

The purpose of this letter is to transmit recent results of a continued systematic effort by the U.S. Department of Energy, Richland Operations Office to identify unique well records on the Hanford Site that require administrative decommissioning.

Attachment 1 lists 43 unique well records numerically by well identification and associated well name. In the past, a well identification number and a formal well name were assigned. All of the wells have survey coordinates. Forty two are conventional single cased wells and one is a piezometer. Attachment 2 contains copies of the pertinent supporting documentation available to administratively decommission these wells.

All wells onsite are assigned a unique well identification number during the well construction planning process. Once a well identification is assigned, that identification becomes a "unique well record" and the number cannot be used again, even if the well is never drilled. Well identifications and other pertinent well data are tracked in the Hanford Well Information System (HWIS). The well identification is also used as a "place holder" in the well name column in HWIS. Once the well is completed, the "place holder" well identification is replaced with a formal well name. The well naming protocols are designed to convey the well's general location onsite.

None of the wells have Water Well Reports available in the State of Washington Department of Ecology database. This documentation will be used to change the Current Well Status of all of these wells to "Decommissioned – Verified" in the HWIS Well Inventory.

If there are any questions, please contact me, or your staff may contact, Briant Charboneau, of my staff, on (509) 373-6137.

Sincerely,

Matthew S. McCormick, Assistant Manager
for the Central Plateau

AMCP:FMR

Attachments

cc w/attachs:
Administrative Record
Environmental Portal

cc w/o attachs:
B. H. Ford, FHI
R. E. Piippo, FHI
J. G. Vance, FFS

ADMINISTRATIVE DECOMMISSIONING FOR 43 WELLS WITH SURVEYS

Attachment 1. Well Naming Conventions and List of wells in this package.

All wells on the Site are assigned a unique well identification number (Well ID) during the well construction planning process. Once a Well ID is assigned; e.g. A5545, that ID becomes a "unique well record" and the number cannot be used again, even if the well is never drilled. Well IDs, and other pertinent well data are tracked in HWIS. The Well ID is also used as a "place holder" in the Well Name column in HWIS. Once the well is completed, the "place holder" Well ID is replaced with a formal Well Name, such as 199-B8-1. The well naming protocols are designed to convey the well's general location on the Site. For example, wells within the 100, 200, 300, 400, 600, and 1100 Areas have Well Names which begin with "199, 299, 399, 499, 699, or 1199" followed by two numbers separated by dashes. For 100-B Area wells the first number after "199-B" refers to the 100-B Area sheet in which the well is located and the number refers to the sequential well in that area. Therefore, Well Name 199-B8-1 refers to the first well in the 8th sheet in the 100 B Area. The 100-D and 100-H Area wells are numbered similarly to the 100 B convention. For 200 East Area wells the first number after "299-E" refers to the 200 East Area sheet in which the well is located and the last number refers to the sequential well in that area. Therefore, Well Name 299-E25-148 refers to the 148th well in the 25th sheet in the 200 East Area. For 200 West Area wells the first number after "299-W" refers to the 200 West Area sheet in which the well is located and the last number refers to the sequential well in that area. Therefore, Well Name 299-W15-101 refers to the 101st well in the 15th sheet in the 200 West Area. The 600 Area Well Name is derived from the absolute value of the well's northing and westing in Hanford Plant coordinates rounded to the nearest 1,000 feet, respectively. For example, Well Name 699-13-26 is located in the area near 13,000 ft northing and 26,000 ft westing in Hanford Plant coordinates. Subsequent wells in the same area are labeled sequentially starting with a "B" suffix. The first Well Name in the same area would usually be relabeled with an "A" suffix. A piezometer well has an O, P, Q, R, S, T, or U added to the last number in the Well Name.

DOE/RL follows the requirements of WAC 173-160-460 with regard to well decommissioning. A completed Water Well Report form is required to be transmitted (by the Driller) to Washington State Department of Ecology (Ecology) when a well is decommissioned. This report provides the details of the well's construction and the steps taken to decommission (plug) the well. When the records available are insufficient to meet the specific requirements of the well decommissioning process, or there is no record of the transmittal, the wells are *Administratively* Decommissioned; i.e., all available information is provided to Ecology to demonstrate that the well was never drilled, or was drilled and subsequently plugged. Since many hundreds of wells were planned but not drilled, or drilled but subsequently plugged, between Site inception in 1943 and 1986, these wells are candidates for *Administrative* Decommissioning. In addition, records of some wells that were planned and not drilled, or drilled and plugged *after* 1986, apparently were inadvertently not transmitted to Ecology, as required.

All of the 43 wells in this document have survey coordinates. 42 of the wells listed below are conventional single cased wells and one is a piezometer (small diameter tube placed within a host well). None of the wells have Water Well Reports available in the Ecology

database. Water Well Reports may have been transmitted to Ecology at the time of decommissioning, however there is no record in the database. This documentation will be used to change the Current Well Status of all of these wells to "Decommissioned - Verified" in the HWIS Well Inventory. Please inform Ecology of these changes.

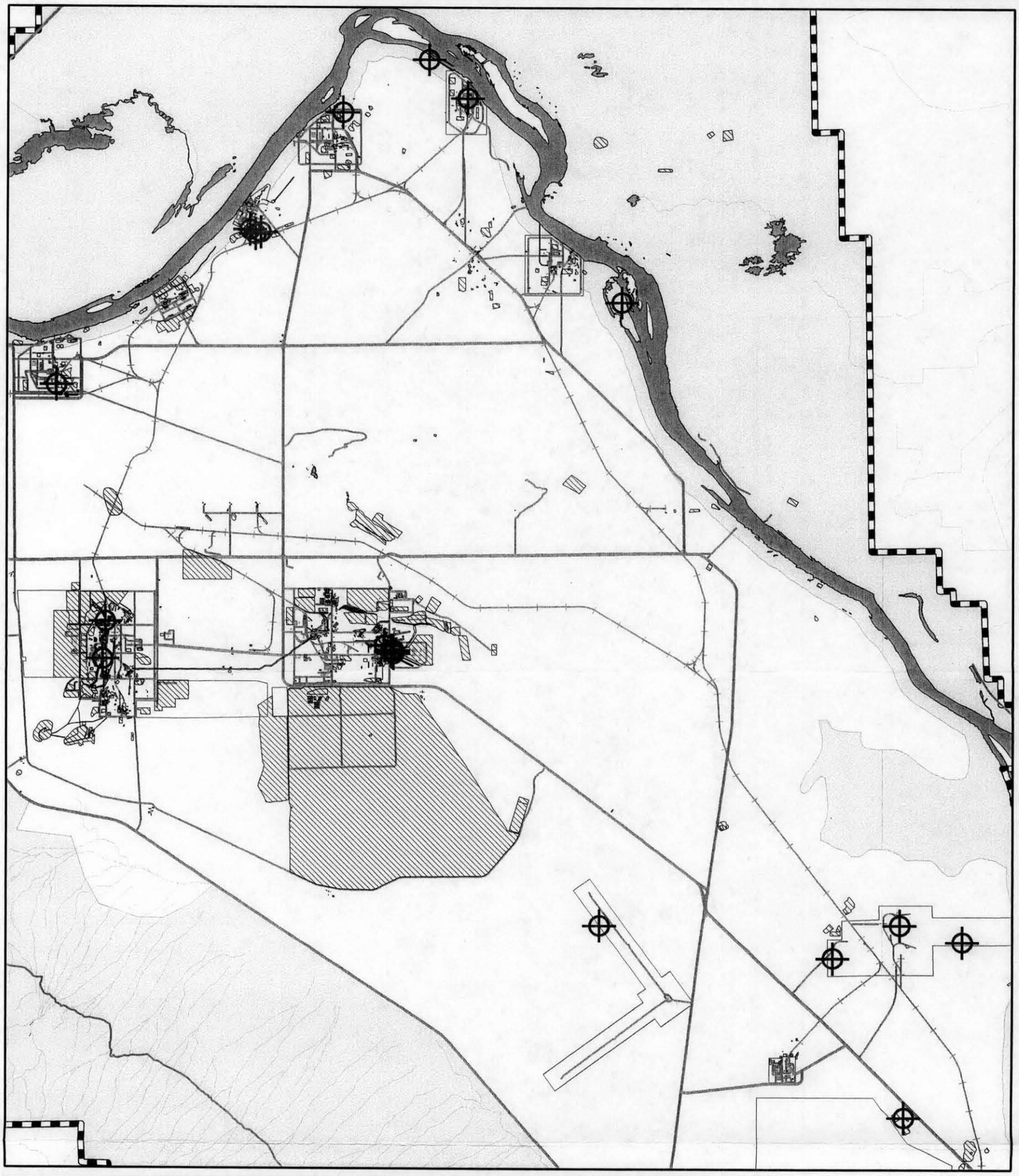
	WELL ID	WELL NAME		WELL ID	WELL NAME
1	A5545	199-B8-1	24	A8279	699-13-E3D
2	A5587	199-D8-13	25	A8357	699-17-24
3	A5688	199-H4-14B	26	A8639	699-40-28
4	A6566	299-E25-148	27	A8879	699-56-26A
5	A6567	299-E25-149	28	A8959	699-65-25
6	A6568	299-E25-152	29	A9014	699-83-60
7	A6569	299-E25-153	30	A9015	699-83-61A
8	A6570	299-E25-154	31	A9016	699-83-61B
9	A6571	299-E25-155	32	A9058	699-86-37
10	A6572	299-E25-156	33	A9077	699-90-49
11	A6573	299-E25-157	34	A9079	699-91-45
12	A6574	299-E25-158	35	A9083	699-92-47
13	A6575	299-E25-159	36	A9084	699-93-37
14	A6576	299-E25-160	37	A9086	699-93-50
15	A6577	299-E25-161	38	A9088	699-94-47
16	A6579	299-E25-163	39	A9089	699-94-48
17	A6586	299-E25-171	40	A9092	699-97-48
18	A6587	299-E25-172	41	A9099	699-100-43
19	A6600	299-E25-194	42	A9788	699-S6-E4CP
20	A6601	299-E25-195	43	C3534	C3534
21	A6605	299-E25-199			
22	A7400	299-W15-101			
23	A8269	699-13-26			

FY 2008 Administrative Decommissioning - 43 wells with survey coordinates starting with 199-B8-1 (A5545) ending with C3534 (C3534)

	WELL ID	WELL NAME	LAND_SURVEY	WELL_TYPE	T_WEL	DRILL DATE	DRILL DEPTH	CONST DATE	CONST DEPTH	DTB	DTW	WELL_NAME_SYNONYMS	WASTE_SITES_0M	OU_0M	DATE LAST INSPECTED
	A5545	199-B8-1	T13N, R25E, S11	VADOSE WELL		31-Mar-51	75			76		C431-1	118-C-3	100-BC-2	
2	A5587	199-D8-13	T14N, R26E, S14	BORING								116-DR1 J, 116-DR2 J	116-DR-1&2	100-DR-1	
3	A5688	199-H4-14B	T14N, R27E, S18	UNCLASSIFIED											
4	A6566	299-E25-148	T12N, R26E, S2	BORING		28-Feb-81	42						200-E-131	WMA A/AX	
5	A6567	299-E25-149	T12N, R26E, S2	BORING		28-Feb-81	43						200-E-131	WMA A/AX	
6	A6568	299-E25-152	T12N, R26E, S2	BORING		28-Feb-81	42						200-E-131	WMA A/AX	
7	A6569	299-E25-153	T12N, R26E, S1	BORING		31-May-81	20								
8	A6570	299-E25-154	T12N, R26E, S2	BORING		31-May-81	20						241-AP-102	Not Applicable	
9	A6571	299-E25-155	T12N, R26E, S2	BORING		31-May-81	21								
10	A6572	299-E25-156	T12N, R26E, S2	BORING		31-May-81	16						241-AP-101	Not Applicable	
11	A6573	299-E25-157	T12N, R26E, S2	BORING		31-May-81	19								
12	A6574	299-E25-158	T12N, R26E, S2	BORING		31-May-81	21								
13	A6575	299-E25-159	T12N, R26E, S2	BORING		31-May-81	20								
14	A6576	299-E25-160	T12N, R26E, S1	BORING		31-May-81	15								
15	A6577	299-E25-161	T12N, R26E, S1	BORING		31-May-81	19								
16	A6579	299-E25-163	T12N, R26E, S1	BORING		31-May-81	20								
17	A6586	299-E25-171	T12N, R26E, S2	BORING		31-Dec-80	15						200-E-131	WMA A/AX	
18	A6587	299-E25-172	T12N, R26E, S2	BORING		31-Dec-80	15						200-E-131,241-A-101	WMA A/AX	
19	A6600	299-E25-194	T12N, R26E, S1	BORING		31-Dec-82	12						241-AP-102	Not Applicable	
	A6601	299-E25-195	T12N, R26E, S1	BORING		31-Dec-82	12								
21	A6605	299-E25-199	T12N, R26E, S1	BORING		31-Dec-82	12						241-AP-102	Not Applicable	
22	A7400	299-W15-101	T12N, R25E, S1	VADOSE WELL		31-Jan-67	50	31-Jan-67	50						12-Jun-06
23	A8269	699-13-26	T11N, R27E, S4	VADOSE WELL		28-Feb-81	820			214		GOLDER S-14, S-14			
24	A8279	699-13-E3D	T11N, R28E, S4	BORING		31-Dec-74	74					CB-4			17-Oct-07
25	A8357	699-17-24	T12N, R27E, S34	UNCLASSIFIED											
26	A8639	699-40-28	T12N, R27E, S4	UNCLASSIFIED		31-Mar-80									
27	A8879	699-56-26A	T13N, R27E, S22	VADOSE WELL		31-Aug-71	25					GM-13			
28	A8959	699-65-25	T13N, R27E, S3	VADOSE WELL								T13NR27E15C1			28-Aug-07
29	A9014	699-83-60	T14N, R26E, S28	UNCLASSIFIED									130-N-1	100-NR-1	18-Sep-07
30	A9015	699-83-61A	T14N, R26E, S28	UNCLASSIFIED		31-Dec-72	112					BH-12			18-Sep-07
31	A9016	699-83-61B	T14N, R26E, S28	UNCLASSIFIED		31-Dec-72	117					BH-14			18-Sep-07
32	A9058	699-86-37	T14N, R27E, S29	VADOSE WELL								T14NR27E29E1			20-Sep-07
33	A9077	699-90-49	T14N, R26E, S23	VADOSE WELL								T14NR26E23H1			20-Sep-07
34	A9079	699-91-45	T14N, R26E, S24	UNCLASSIFIED								T14NR26E24C1			20-Sep-07
35	A9083	699-92-47	T14N, R26E, S24	VADOSE WELL								T14NR26E24D1			20-Sep-07
36	A9084	699-93-37	T14N, R27E, S18	GROUNDWATER WELL								14/27-19A1, 699-93-37B, N.RUN NO.6			20-Sep-07
37	A9086	699-93-50	T14N, R26E, S14	GROUNDWATER WELL											
38	A9088	699-94-47	T14N, R26E, S13	VADOSE WELL								14/26-13M1			24-Sep-07
	A9089	699-94-48	T14N, R26E, S13	UNCLASSIFIED								14/26-13M1, N.RUN NO.8			20-Sep-07
	A9092	699-97-48	T14N, R26E, S13	GROUNDWATER WELL								14/26-13D1, N.RUN NO.9			20-Sep-07
41	A9099	699-100-43	T14N, R26E, S12	VADOSE WELL								14/26-12J1, REF.2 NO.138			
42	A9788	699-S6-E4CP	T11N, R28E, S21	HOSTED PIEZOMETER	A9154	31-May-53	461	30-Jun-64	449						30-May-07
43	C3534	C3534	T11N, R28E, S5	UNCLASSIFIED											

FY 2008 Administrative Decommissioning - 43 wells with survey coordinates starting with 199-B8-1 (A5545) ending with C3534 (C3534)

	WELL ID	WELL NAME	LAST SAMPLED GW	LAST SAMPLED MM	LAST SAMPLED SO	LAST SAMPLED SG	DATE LAST SAMPLED	DATE LAST ROUTINE MAINTENANCE	DATE LAST MAINTENANCE	DATE LAST WLM	TANK FARMS	CLOSURE ZONE	GW AOI	MONUMENT_LOC
	A5545	199-B8-1						31-Mar-51	31-Mar-51				100-BC-5	Hanford (Not in Monument)
2	A5587	199-D8-13											100-HR-3-D	Monument River (Immed. South of River And Dunes)
3	A5688	199-H4-14B											100-HR-3-H	Monument River (Immed. South of River And Dunes)
4	A6566	299-E25-148						28-Feb-81	28-Feb-81		241A	WTP/A Farm	200-PO-1	Hanford (Not in Monument)
5	A6567	299-E25-149						28-Feb-81	28-Feb-81		241A	WTP/A Farm	200-PO-1	Hanford (Not in Monument)
6	A6568	299-E25-152						28-Feb-81	28-Feb-81		241A	WTP/A Farm	200-PO-1	Hanford (Not in Monument)
7	A6569	299-E25-153						31-May-81	31-May-81		241AP	WTP/A Farm	200-PO-1	Hanford (Not in Monument)
8	A6570	299-E25-154						31-May-81	31-May-81		241AP	WTP/A Farm	200-PO-1	Hanford (Not in Monument)
9	A6571	299-E25-155						31-May-81	31-May-81		241AP	WTP/A Farm	200-PO-1	Hanford (Not in Monument)
10	A6572	299-E25-156						31-May-81	31-May-81		241AP	WTP/A Farm	200-PO-1	Hanford (Not in Monument)
11	A6573	299-E25-157						31-May-81	31-May-81		241AP	WTP/A Farm	200-PO-1	Hanford (Not in Monument)
12	A6574	299-E25-158						31-May-81	31-May-81		241AP	WTP/A Farm	200-PO-1	Hanford (Not in Monument)
13	A6575	299-E25-159						31-May-81	31-May-81		241AP	WTP/A Farm	200-PO-1	Hanford (Not in Monument)
14	A6576	299-E25-160						31-May-81	31-May-81		241AP	WTP/A Farm	200-PO-1	Hanford (Not in Monument)
15	A6577	299-E25-161						31-May-81	31-May-81		241AP	WTP/A Farm	200-PO-1	Hanford (Not in Monument)
16	A6579	299-E25-163						31-May-81	31-May-81		241AP	WTP/A Farm	200-PO-1	Hanford (Not in Monument)
17	A6586	299-E25-171						31-Dec-80	31-Dec-80		241A	WTP/A Farm	200-PO-1	Hanford (Not in Monument)
18	A6587	299-E25-172						31-Dec-80	31-Dec-80		241A	WTP/A Farm	200-PO-1	Hanford (Not in Monument)
19	A6600	299-E25-194						31-Dec-82	31-Dec-82		241AP	WTP/A Farm	200-PO-1	Hanford (Not in Monument)
	A6601	299-E25-195						31-Dec-82	31-Dec-82		241AP	WTP/A Farm	200-PO-1	Hanford (Not in Monument)
21	A6605	299-E25-199						31-Dec-82	31-Dec-82		241AP	WTP/A Farm	200-PO-1	Hanford (Not in Monument)
22	A7400	299-W15-101						31-Jan-67	31-Jan-67			PFP	200-ZP-1	Hanford (Not in Monument)
23	A8269	699-13-26						28-Feb-81	28-Feb-81				200-PO-1	Hanford (Not in Monument)
24	A8279	699-13-E3D						31-Dec-74	31-Dec-74				300-FF-5	Hanford (Not in Monument)
25	A8357	699-17-24								01-Jun-80			200-PO-1	Hanford (Not in Monument)
26	A8639	699-40-28						31-Mar-80	31-Mar-80				200-PO-1	Hanford (Not in Monument)
27	A8879	699-56-26A						31-Aug-71	31-Aug-71				100-FR-3	Hanford (Not in Monument)
28	A8959	699-65-25											100-FR-3	Monument River (Immed. South of River And Dunes)
29	A9014	699-83-60											100-NR-2	Hanford (Not in Monument)
30	A9015	699-83-61A						31-Dec-72	31-Dec-72				100-NR-2	Hanford (Not in Monument)
31	A9016	699-83-61B						31-Dec-72	31-Dec-72				100-NR-2	Hanford (Not in Monument)
32	A9058	699-86-37											100-FR-3	Hanford (Not in Monument)
33	A9077	699-90-49											100-HR-3-D	Hanford (Not in Monument)
34	A9079	699-91-45								15-Feb-89			100-HR-3-H	Hanford (Not in Monument)
35	A9083	699-92-47											100-HR-3-H	Hanford (Not in Monument)
36	A9084	699-93-37	01-Feb-56				01-Feb-56			09-Jul-62			100-HR-3-H	Monument River (Immed. South of River And Dunes)
37	A9086	699-93-50								01-May-74			100-HR-3-D	Hanford (Not in Monument)
38	A9088	699-94-47											100-HR-3-H	Hanford (Not in Monument)
	A9089	699-94-48								05-Jun-67			100-HR-3-D	Hanford (Not in Monument)
	A9092	699-97-48	01-Feb-56				01-Feb-56			22-Jun-61			100-HR-3-D	Hanford (Not in Monument)
41	A9099	699-100-43											100-HR-3-H	Monument River (Immed. South of River And Dunes)
42	A9788	699-S6-E4CP	30-Aug-74				30-Aug-74	31-May-53	31-May-53	01-Jun-80		618-10	300-FF-5	Hanford (Not in Monument)
43	C3534	C3534											300-FF-5	Hanford (Not in Monument)



Wells Administratively Decommissioned

Buildings and Mobiles

Highways

Major Roads

Railroads

Waste Sites

Hanford Reach National Monument

Administrative Decommissioning
FY 2008 Package 1

Prepared for:
US DEPARTMENT OF ENERGY
RICHLAND OPERATIONS OFFICE

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Vertical Datum: NAVD88

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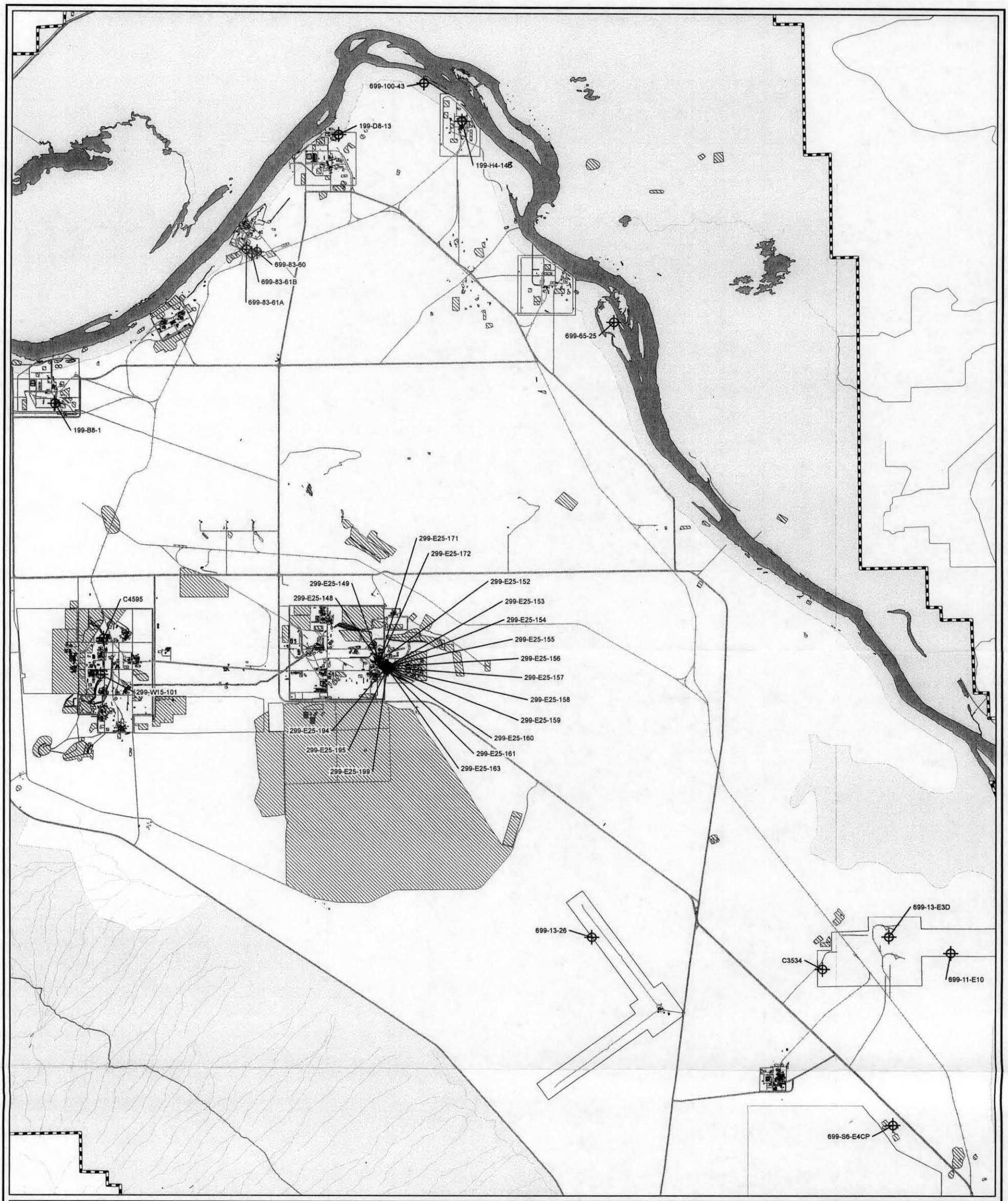
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C4595
299-W15-101
699-13-26
699-13-E3D
C3534
699-11-E10
699-S6-E4CP
Wells Administratively Decommissioned
Highways
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Buildings and Mobiles
Waste Sites
Hanford Site Boundary
DOE Operating Areas
Leased/Permitted Areas
600 Area
Other Areas
Hanford Reach National Monument
Administrative Decommissioning
FY 2008 Package 1
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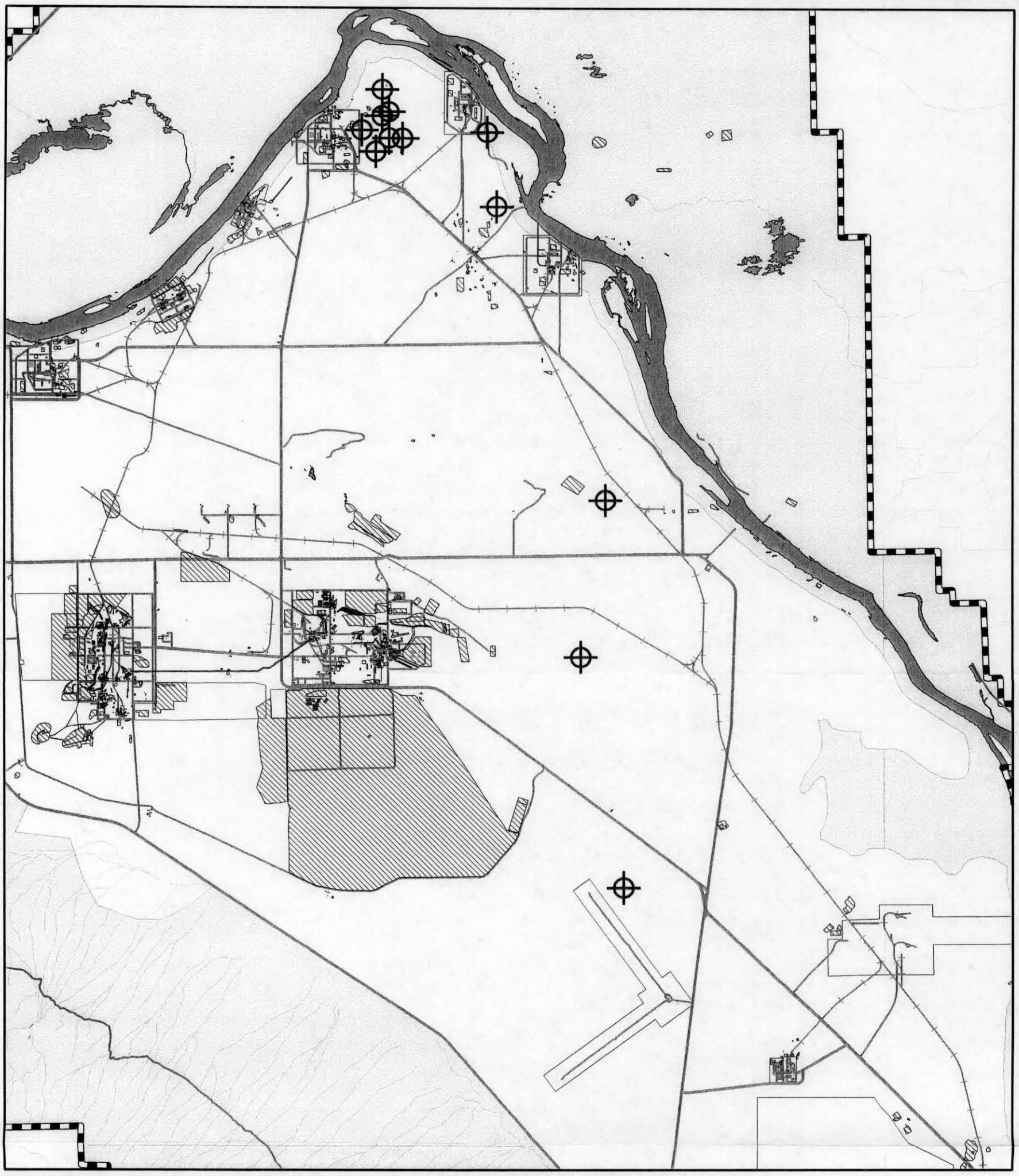

Wells Administratively Decommissioned

Buildings and Mobiles

Highways

Major Roads

Railroads

Waste Sites

Hanford Reach National Monument

Administrative Decommissioning
FY 2008 Package 1
Supplement

Prepared for:
US DEPARTMENT OF ENERGY
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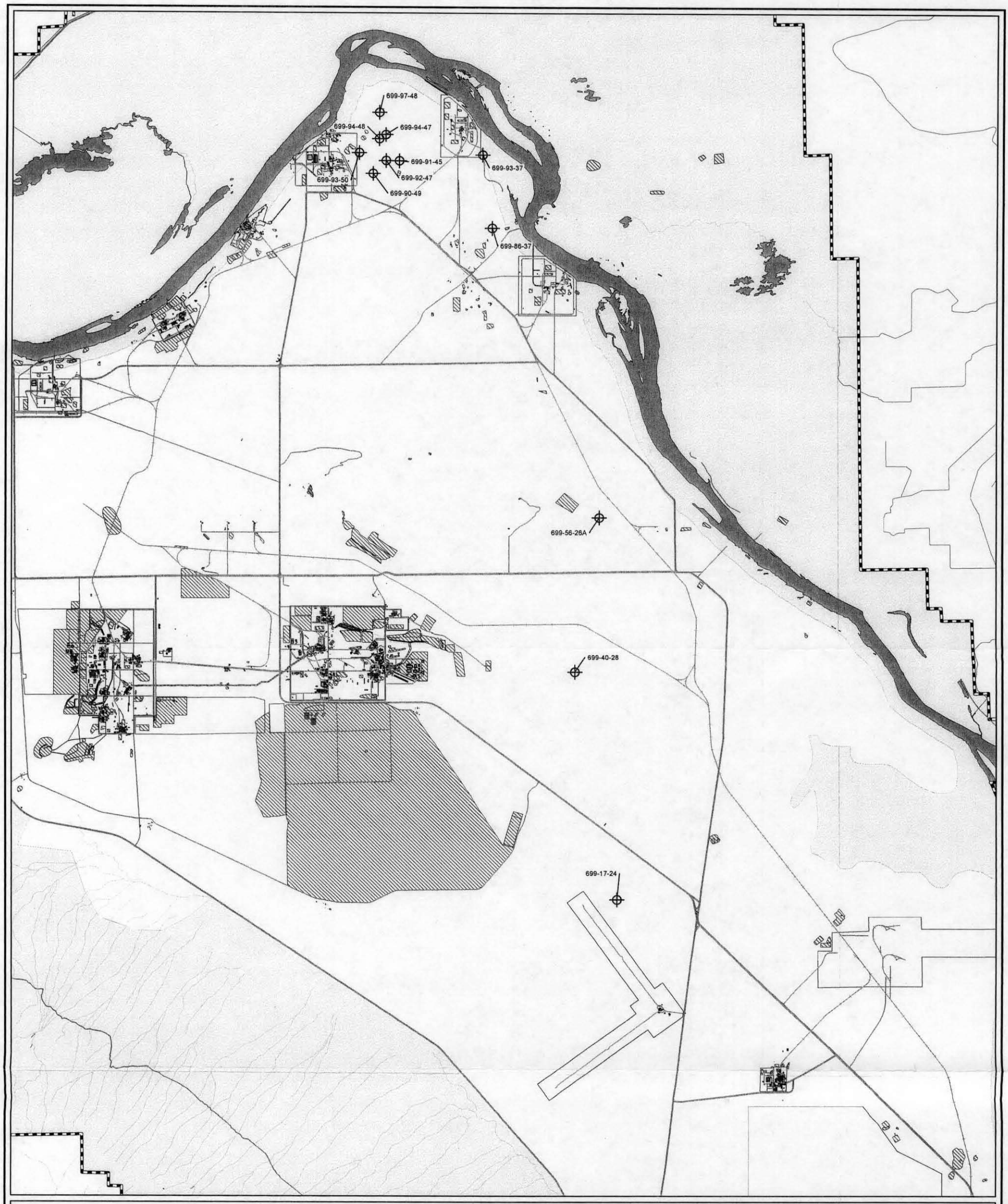

Wells Administratively Decommissioned
Highways
Major Roads
Railroads
Buildings and Mobiles
Waste Sites

Hanford Site Boundary
DOE Operating Areas
Leased/Permitted Areas
600 Area
Other Areas
Hanford Reach National Monument

Administrative Decommissioning
FY 2008 Package 1
Supplement

Prepared for:
US DEPARTMENT OF ENERGY
RICHLAND OPERATIONS OFFICE

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Projection: Lambert Conformal Conic
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Horizontal Datum: NAD83
Vertical Datum: NAVD88

\\apmap01\system\Projects\2005\Wells\051116_AdministrativelyDecommissioned_Howard\Maps\071030_Package1_Supplement_FY2008_detail_17x22_Rev0.mxd - 11/5/2007 @ 14:36:15

199-B8-1
A5545

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	PLANT NS/EW	CASING ELEV / WELL DIAM / DATE_COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH_WATER	PERF/SCREEN TYPE	DIAM	TOP	BOT	COMMENTS / PREVIOUS WELL NAMES
199-B4-9	144564.19								
GW	565395.83								
199-B4-10				23.5					116-B-2
AB			.0						
			3/92						
199-B5-1	144765.10	69916.90	455.58	151.0	P	8.0	40.0	148.0	PLUG AT 100
GW	564878.25	-82003.50	8.0	100.0					
S			8/62	58.0					
199-B5-2	144939.79								
GW	565405.63								
199-B5-3				20.0					116-B-3
AB			.0						
			4/92						
199-B5-4				24.6					116-B-5
AB			.0						
			4/92						
199-B8-1		67375.00	494.59	75.0					NOT ACCESSIBLE
GW		-80490.00	8.0	76.0					C431-1
			3/51						
199-B8-2									CASING REMOVED
AB									C431-2
199-B8-3									CASING REMOVED
AB									C431-3
199-B8-4									CASING REMOVED
AB									C431-4
199-B8-5		67565.00	486.59	25.0					CASING REMOVED
AB		-81730.00	8.0	26.0					C431-5
			4/51						
199-B8-6	144158.04								
GW	564499.03								

Hanford Wells

PNL-8800 UC-903

M.A.Chamness & J.K. Merz

August 1993

Prepared for U.S. Dept of Energy under

Contract DE-AC06-76RLO 1830

Pacific NW Lab by Battelle Memorial Institute

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIE
A5545	199-B8-1	UNKNOWN	NAD83	01/01/1801	CONVERTED	143991.486	565341.19	m	

Howard, Bonnie J

Admin Decomm

From: Worley, Scott H
Sent: Monday, September 17, 2007 6:47 AM
To: Fastabend, Neil P; Howard, Bonnie J; Rafuse, Edward C
Cc: Weekes, David C
Subject: RE: 199-B8-1 is not there..

Let's file it. No more to pursue.

Thanks Neil!

From: Fastabend, Neil P
Sent: Friday, September 14, 2007 6:50 AM
To: Howard, Bonnie J; Worley, Scott H; Rafuse, Edward C
Cc: Weekes, David C
Subject: RE: 199-B8-1 is not there..

Can I file this? Or do you want us to take a look?

From: Howard, Bonnie J
Sent: Thursday, September 13, 2007 4:58 PM
To: Worley, Scott H; Rafuse, Edward C; Fastabend, Neil P
Cc: Weekes, David C
Subject: RE: 199-B8-1 is not there..

sounds to me like 6 feet of concrete on top of a well might make it not accessible.

From: Worley, Scott H
Sent: Thursday, September 13, 2007 4:00 PM
To: Worley, Scott H; Rafuse, Edward C; Fastabend, Neil P
Cc: Howard, Bonnie J
Subject: RE: 199-B8-1 is not there..

Bonnie,

The good ole Hanford Wells book say's "This well is "NOT ACCESSIBLE". Do you want to take their's, Ed's and Dale's word on this or should we send poor Neil to verify again. I think we need to call it gone and write this one off the books.

Scott Worley

From: Worley, Scott H
Sent: Thursday, September 13, 2007 10:53 AM
To: Rafuse, Edward C; Fastabend, Neil P
Cc: Howard, Bonnie J
Subject: RE: 199-B8-1 is not there..

WELL_ID	WELL_NAME	CLOSURE_ZONE	GW_AREA_OF_INTEREST	ELEVATION	NORTHING	EAS
A5545	199-B8-1	BC-5	100-	151.81	143991.486	565341.19

Neil,

Ed and Dale went to confirm this well and could not find it. In order to complete the Admin. Decomm. process we will need your support to verify the locations with a survey and a scan.

Thanks Neil!

Scot Worley

From: Rafuse, Edward C
Sent: Thursday, September 13, 2007 9:52 AM
To: Worley, Scott H
Cc: Rafuse, Edward C
Subject: 199-B8-1

Scot,

Dale and I could not find this well. As per the location, it looks like this well is located under the existing 105C reactor. Please remove from well decommissioning list.

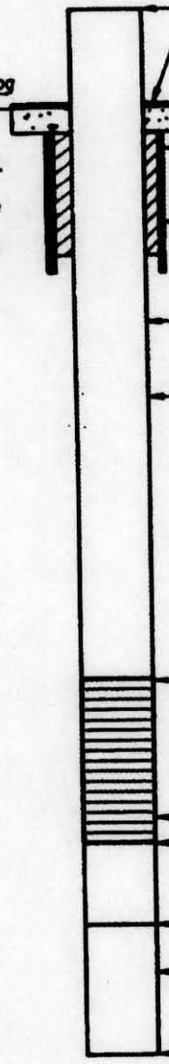
WELL CONSTRUCTION AND COMPLETION SUMMARY AS-BUILT

Drilling Method: Cable Tool	Sample Method: INF	WELL NUMBER: 199-B8-1	TEMPORARY WELL NO.: INF
Drilling Fluid Used: Bentonite	Additives Used: INF	Hanford Coordinates: N/S N 67375	E/W W 80458
Driller's Name: Row	WA State Lic. No.: INF	State Coordinates: N INF	E INF
Drilling Company: INF	Company Location: INF	Start Card #: INF	T — R — S —
Date Started: 03/20/51	Date Complete: 03/29/51	Elevation Ground Surface (ft): INF	

Depth to water: INF

GENERALIZED STRATIGRAPHY Data source: Driller's Log

0 – 15: BOULDERS and GRAVEL
15 – 17.5: BASALT BOULDERS
17.5 – 22.5: BASALT BOULDERS and GRAVEL
22.5 – 30: BASALT, GRAVEL and SAND
30 – 47: BASALT GRAVEL and SAND, some showing of SILT at times
47 – 63: BASALT GRAVEL with some SAND
63 – 66: Big BOULDER
66 – 75: BASALT BOULDERS and GRAVEL



Elevation of casing:	494.59
Elevation of reference point:	INF
Concrete pad dimensions:	INF
Depth of surface seal:	INF
Type of surface seal: None documented	
I.D. of surface casing (if present):	N/A
Type of surface casing: N/A	
Depth of surface casing:	N/A
I.D. of riser pipe:	8-in.
Type of riser pipe: INF	
Diameter of borehole: –	8-in.
Elevation/depth of top of screen/perforated interval:	N/A
Description of screen/perforation: No screen or perforations	
I.D. of screen section:	N/A
Elevation/depth of bottom of screen/perforated interval:	N/A
Elevation/depth of top of plugged section:	N/A
Type of filler used in plugged section: Sand Sloughing	
Elevation/depth of bottom of borehole:	75.0
Elevation/depth of remediated borehole:	N/A

NOTES: N/A: Not Applicable
INF: Insufficient Data

8831752\1B0801

HW-6.267

DRILLING LOG

PROJECT NO. _____

88-1

Rig No. AEC 22-3132

Well No. C 431-1 (100-5) N. 67,345 W 80,490

Driller Roy

Foreman _____

Date 3/20/51

Shift _____

Depth beginning of Shift 0'

Depth completion of Shift 11'

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
Time	Depth	Time	Depth		Time	Explanation
					7:48-8:30	Driving to location.
8:30-10:00	2½'	Boulders and gravel.				
10:00-11:00	5'	Boulders and gravel.				
11:00-12:00	7½'	Boulders and gravel.				
12:00-2:00	10'	Boulders and gravel.				
					2:00-3:00	Welding 5'8" pipe 16' over hole.
3:00-3:45	11'	Boulders and gravel				

REMARKS

0' to 11' Big boulders, nigger heads, basalt boulders and gravel and sand.

At 9' hit a boulder that took 1hr. to drill thro. On another big boulder at 11'.

Using bentonite to drill with.

HW-6.287

DRILLING LOG

PROJECT NO. _____

Rig No. AEC 22-3132
Well No. C431-1. (100-B)
Driller Row
Foreman _____

Date 3/21/51
Shift _____
Depth beginning of Shift 11'
Depth completion of Shift 12½'

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
Time	Depth	Time	Depth		Time	Explanation
					7:48-9:00	Hauling supplies and driving to location.
					9:00-11:30	Making special shoe for pipe.
					11:30-12:00	Pulling old pipe in hole.
					12:00-12:30	Lunch
					12:30-1:30	Running 10' pipe.
					1:30-2:00	Welding 6'2" pipe 16'2" over hole.
					2:00-2:45	Alining pipe.
2:45-3:45	12½'	Solid big boulder.				

REMARKS

11' on top of a boulder. Had to pull old pipe in well and start new pipe because I got orders to drill this hole 75' as a permanent enstallation. Could not leave old pipe in well as it was not cut straight. Had to haul some clay from Honey Hill and fill up hole all around with thick mud to hold back rocks from caving in. Had a hard time getting pipe to go straight down.
Hole is so tight that I could not get a regular drive shoe thro.

HW-6.267

DRILLING LOG

PROJECT NO. _____

Rig No. AEC 22-3132
Well No. C431-1 (100-B)
Driller Row
Foreman _____

Date 3/22/51
Shift _____
Depth beginning of Shift 12½'
Depth completion of Shift 22'

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
Time	Depth	Time	Depth		Time	Explanation
					7:48-8:30	Driving to location.
					8:30-10:30	Straighting pipe.
10:30-11:00	15'	Basalt boulders.				
					11:00-11:30	Changing bit.
11:30-12:30	17½'	Basalt boulders and gravel.				
12:30-1:40	20'	Basalt boulders and gravel.				
					1:40-2:20	Welding 9'10" pipe 26' over hole.
2:20-3:45	22'	Basalt boulders and gravel.				
					3:45-4:18	Dressing out.

REMARKS

Worked for 2hrs. getting pipe straight.

Note-Bentonite used to drill this well.

HW-6.287

DRILLING LOG

PROJECT NO. _____

Rig No. AEC 22-3132
Well No. C431-1 (100-B)
Driller Row
Foreman _____

Date 3/26/51
Shift _____
Depth beginning of Shift 22'
Depth completion of Shift 34'

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
Time	Depth	Time	Depth		Time	Explanation
					7:48-8:30	Hauling supplies.
8:30-9:00	22½'	Basalt gravel and sand.				
9:00-10:15	25'	Basalt gravel and sand.				
10:15-11:30	27½'	Basalt gravel and sand.				
					11:30-12:00	Welding 6'3" pipe 32'3" over hole.
					12:00-12:15	Putting on drive head.
12:15-1:05	30'	Basalt gravel, sand and showing of silt.				
1:05-1:45	32½'	Basalt gravel, sand and showing of silt.				
					1:45-2:15	Welding 5'11" pipe 38'2" over hole.
2:15-3:00	34'	Basalt gravel, sand and showing of silt.				
					3:00-4:18	Picking up new water truck and driving it to town.

REMARKS

22' to 34' basalt gravel from ½" to 2½" Dia. some sand and silt.

Drills slow and hard. bails good.

Bentonite used to make mud in this well.

HW-6.287

DRILLING LOG

PROJECT NO. _____

Rig No. AEC 22-3132
Well No. C431-1 (100-B)
Driller Row
Foreman _____

Date 3/27/51
Shift _____
Depth beginning of Shift 34'
Depth completion of Shift 47'

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
Time	Depth	Time	Depth		Time	Explanation
					7:40-8:45	Hauling supplies.
8:45-9:20	35'	Basalt gravel, sand and very little silt.				
9:20-10:30	37½'	Basalt gravel, sand and very little silt.				
10:30-11:00	40'	Basalt gravel, sand and very little silt.				
					11:00-11:50	Welding 6'7" pipe 44'9" over hole.
11:50-1:00	42½'	Basalt gravel, sand and some silt.				
1:00-2:00	44'	Basalt gravel and sand, caves.				
					2:00-2:30	Welding 6'3" pipe 51' over hole.
2:30-3:05	45'	Basalt gravel and sand, caves.				
3:05-3:45	47'	Basalt gravel and sand, caves.				
					3:45-4:18	Dressing out.

REMARKS

34' to 47' basalt gravel and sand, some showing of silt at times. Caves under pipe 1 Ft.

Using bentonite to drill with.

HW-6.287

199-B8-1

DRILLING LOG

PROJECT NO. _____

Rig No. AEC 22-3132
Well No. C431-1 (100-B)
Driller Row
Foreman _____

Date 3/28/51
Shift _____
Depth beginning of Shift 47'
Depth completion of Shift 63'

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
Time	Depth	Time	Depth		Time	Explanation
					7:48-9:15	Waiting for clearances.
9:15-9:45	47½'	Basalt gravel and sand, caves.				
9:45-10:30	50'	Basalt gravel and sand, caves.				
					10:30-11:00	Welding 6' pipe 57' over hole.
11:00-11:35	52½'	Basalt gravel and sand, caves.				
11:35-12:15	55'	Basalt gravel and sand, caves.				
12:15-1:00	57½'	Basalt gravel and sand, caves.				
					1:00-1:30	Welding 5'9" pipe 62'9" over hole.
1:30-2:15	60'	Basalt gravel and sand, caves.				
2:15-3:00	62½'	Basalt gravel and sand, caves.				
3:00-3:15	63'	Basalt gravel and sand, caves.				
					3:15-3:45	Welding 5'8" pipe 68'5" over hole.

REMARKS

47' to 63" Pea to 2" gravel, Basalt, some sand, no silt. Drills slow and hard. Uses lots of water and mud. (Using Bentonite)

HW-6.287

DRILLING LOG

PROJECT NO. _____

Rig No. AEC 22-3132
Well No. C431-1 (100-B)
Driller Ray
Foreman _____

Date 3/29/51
Shift _____
Depth beginning of Shift 63'
Depth completion of Shift 75' Completed

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
Time	Depth	Time	Depth		Time	Explanation
					7:48-8:45	Driving to location.
8:45-10:30	65'	Big boulders and gravel.				
					10:30-11:15	Drilling out kink in pipe.
11:15-12:00	67½'	Basalt gravel.				
12:00-12:45	70'	Basalt gravel.				
12:45-1:30	72½'	Basalt gravel, caves.				
					1:30-2:00	Welding 8'5" pipe 76'10" over hole.
2:00-3:15	75'	Basalt gravel.				
					3:15-3:45	Cleaning out hole and getting ready to move.

REMARKS

Hit big boulder at 63' to 66'. Pipe barely went thro this rock. Put a small kink in pipe.
66' to 75' Basalt boulders and gravel. no silt. Drill hard. Bails hard. Used Bentonite in this hole to start a mud.
Hole Complete at 75'. 76'10" of pipe over hole. Pipe on bottom at 75'

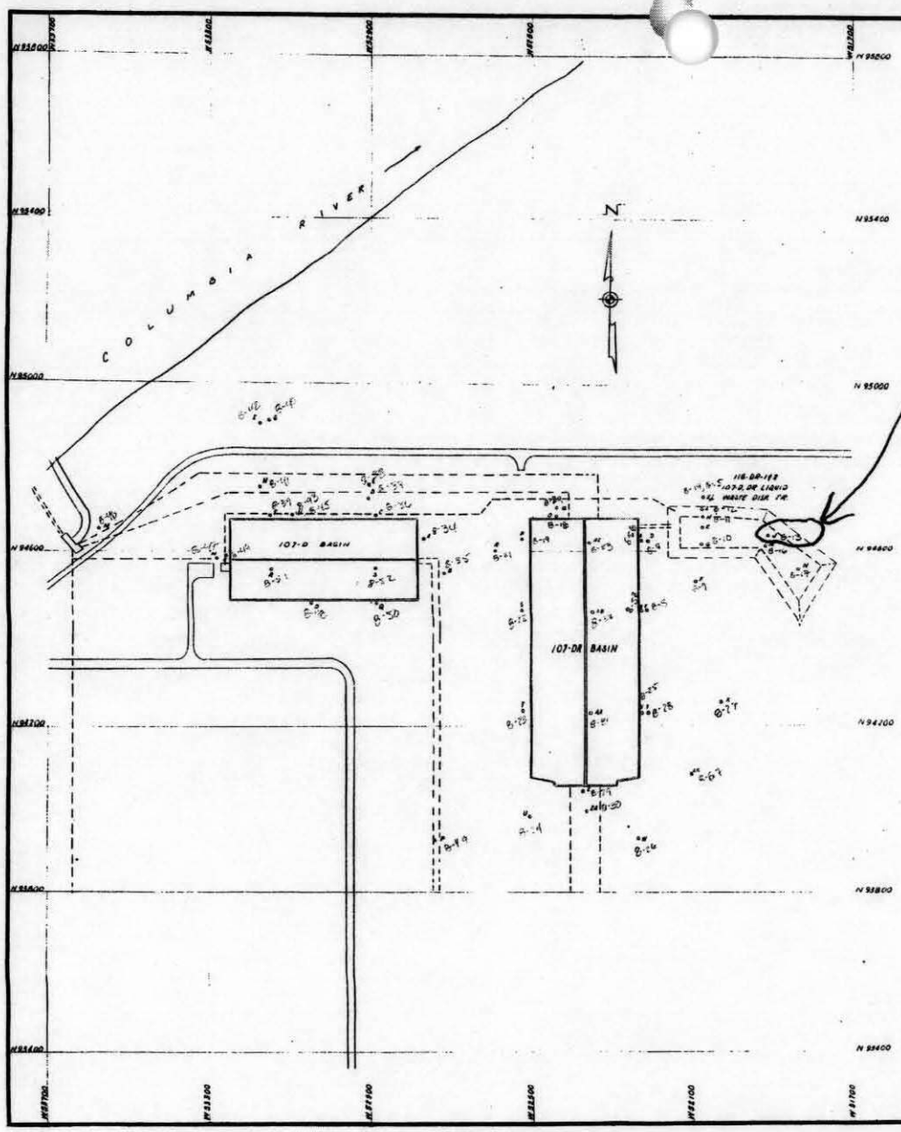
199-D8-13
A5587

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	COORDINATES PLANT NS/EW	CASING_ELEV / WELL_DIAM / DATE_COMPL	DRILL_DEPTH / COMPL_DEPTH / DEPTH_WATER	PERF/SCREEN TYPE	PERF/SCREEN DIAM	PERF/SCREEN TOP	PERF/SCREEN BOT	COMMENTS / PREVIOUS WELL NAMES
199-D8-7 AB		94629.84 -52210.29							SEE UNI-946 REPORT FOR RAD. RESULTS 107-DR D
199-D8-8 AB		94434.36 -52212.02							SEE UNI-946 REPORT FOR RAD. RESULTS 107-DR E
199-D8-9 AB		94511.20 -52092.08							SEE UNI-946 REPORT FOR RAD. RESULTS 107-D F
199-D8-10 AB		94618.23 -52075.83							SEE UNI-946 REPORT FOR RAD. RESULTS 116-DR1 G, 116-DR2 G
199-D8-11 AB		94695.13 -52071.63							SEE UNI-946 REPORT FOR RAD. RESULTS 116-DR1 H, 116-DR2 H
199-D8-12 AB		94713.94 -52073.80							SEE UNI-946 REPORT FOR RAD. RESULTS 116-DR1 I, 116-DR2 I
199-D8-13 AB		94642.05 -51910.77							SEE UNI-946 REPORT FOR RAD. RESULTS 116-DR1 J, 116-DR2 J
									SEE UNI-946 REPORT FOR RAD. RESULTS 116-DR1 K, 116-DR2 K
									SEE UNI-946 REPORT FOR RAD. RESULTS 116-DR1 L, 116-DR2 L
									SEE UNI-946 REPORT FOR RAD. RESULTS 116-DR1 M, 116-DR2 M
199-D8-17 AB		94545.35 -51836.24							SEE UNI-946 REPORT FOR RAD. RESULTS 116-DR1 N, 116-DR2 N
199-D8-18 AB		94696.22 -52441.55							SEE UNI-946 REPORT FOR RAD. RESULTS 107-DR O

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

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFII
A5587	199-D8-13	USACE(JECA)	NAD83(91)	09/30/1994	UNKNOWN	152319.748	574031.048	m	



199-D8-13 (A5587)

TEST HOLE DATA

107-D BASIN			
TEST HOLE	N	W	ELEV
A	94683.68	52770.90	444.66
B	94538.58	52721.94	446.79
C	94487.50	52683.96	447.18
D	94342.35	52606.40	448.33
E	94277.78	52562.88	446.08
F	94198.38	52489.61	446.55
G	94134.85	52460.63	444.33
H	94064.30	52414.61	445.24
I	94002.71	52368.79	434.24
J	94096.94	52291.87	446.76
K	94183.44	52261.40	449.92
L	94258.86	52206.62	448.30
M	94484.83	52217.54	446.83
N	94581.10	52265.59	444.18
O	94652.48	52348.38	448.38
P	94719.50	52430.24	445.90
Q	94453.33	52488.22	444.12
R	94540.14	52560.54	453.31
S	94648.15	52499.67	450.10

107-DR BASIN			
TEST HOLE	N	W	ELEV
AA	94279.36	52355.19	435.83
AB	94419.33	52355.48	435.89
AC	94425.97	52355.48	435.84
A	94470.43	52371.78	449.20
B	94432.54	52386.71	449.22
C	94386.46	52412.11	446.48
D	94429.84	52410.25	448.48
E	94484.36	52412.00	448.01
F	94511.20	52408.06	442.97
G	94541.13	52409.87	441.59
H	94580.14	52411.83	446.56
I	94614.36	52412.83	447.02
J	94642.08	52410.77	442.02
K	94744.42	52408.26	445.30
L	94781.40	52408.30	440.80
M	94816.48	52408.92	440.44
N	94545.39	51836.34	442.52
O	94536.21	52441.58	446.86
P	94533.54	52437.58	446.01
Q	94700.12	52439.32	443.88
R	94600.41	52391.32	444.39
S	94421.83	52520.16	446.89
T	94380.22	52520.48	444.55
U	94300.56	52400.44	449.97
V	94224.84	52429.05	448.92
W	94188.65	52464.10	448.72
X	94232.81	52409.31	448.78
Y	94286.37	52410.54	448.53
Z	94047.10	52367.39	448.01
ZA	93895.13	52364.42	445.32
ZB	94.[illegible]	52.[illegible]	447.[illegible]

NOTE:
COORDINATES AND ELEVATIONS ARE FROM A FIELD SURVEY OF 6-27-78.

FIGURE 2.7-6

107-D&DR SAMPLE HOLES

Radiological Characterization of the Retired 100 Areas
UNI-946
J. J. Dorian and V. R. Richards
May 1978
Prepared for U. S. Dept of Energy under Contract EY-76-06-1857
United Nuclear Industries, Inc.

199-H4-14B
A5688

A5688
199-H4-14B

IN use
H4-14
&
H4-14B had same coord

WELL ATTRIBUTES REPORT

FIELD ORDER NO		DRILL DATE		LAST INSPECTION	
WELL ID	A4620	CONST DATE		NORTHING	152752.359
WELL NAME	199-H4-14B	CONST DEPTH		EASTING	577803.147
HOST WELL ID				ELEVATION	

LAST INSPECTION INFORMATION				CURRENT INSPECTION INFORMATION		
WELL PAD	☐ YES	☐ NO	☐ ND*	WELL PAD	☐ YES	☑ NO
BRASS SURVEY MARKER	☐ YES	☐ NO	☐ ND*	BRASS SURVEY MARKER	☐ YES	☑ NO
MARKER STAMPED WITH SURVEY DATA	☐ YES	☐ NO	☐ ND*	MARKER STAMPED WITH SURVEY DATA	☐ YES	☑ NO
MARKER STAMPED WITH WELL ID DATA	☐ YES	☐ NO	☐ ND*	MARKER STAMPED WITH WELL ID DATA	☐ YES	☑ NO
WELL LABELED WITH WELL ID	☐ YES	☐ NO	☐ ND*	WELL LABELED WITH WELL ID	☐ YES	☑ NO
WELL LABELED WITH WELL NAME	☐ YES	☐ NO	☐ ND*	WELL LABELED WITH WELL NAME	☐ YES	☑ NO
PROTECTIVE POSTS	☐ YES	☐ NO	☐ ND*	PROTECTIVE POSTS	☐ YES	☑ NO
REMOVABLE POST IN PLACE	☐ YES	☐ NO	☐ ND*	REMOVABLE POST IN PLACE	☐ YES	☑ NO
WELL LOCK	☐ YES	☐ NO	☐ ND*	WELL LOCK	☐ YES	☑ NO
WELL DAMAGED	☐ YES	☐ NO	☐ ND*	WELL DAMAGED	☐ YES	☑ NO
WELL IS DRY	☐ YES	☐ NO	☐ ND*	WELL IS DRY	☐ YES	☐ NO ND
PARTED CASING	☐ YES	☐ NO	☐ ND*	PARTED CASING	☐ YES	☐ NO
BENTONITE IN WELL	☐ YES	☐ NO	☐ ND*	BENTONITE IN WELL	☐ YES	☐ NO
WELL SANDED IN	☐ YES	☐ NO	☐ ND*	WELL SANDED IN	☐ YES	☐ NO
COLLAPSED CASING	☐ YES	☐ NO	☐ ND*	COLLAPSED CASING	☐ YES	☐ NO
EQUIPMENT IN WELL	☐ YES	☐ NO	☐ ND*	EQUIPMENT IN WELL	☐ YES	☐ NO
DEBRIS IN WELL	☐ YES	☐ NO	☐ ND*	DEBRIS IN WELL	☐ YES	☐ NO

LAST PUMP INFORMATION				CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ REPLACED ☐ REMOVED		☐ ND*	PUMP ACTIVITY PERFORMED IN use well	☐ INSTALLED ☐ REPLACED ☐ REMOVED
PUMP TESTED	☐ YES	☐ NO	☐ ND*	PUMP TESTED	☐ YES ☐ NO
NEW PUMP	☐ YES	☐ NO	☐ ND*	NEW PUMP	☐ YES ☐ NO
ACTIVITY PEFORMED BY				ACTIVITY PEFORMED BY	D.E. Gospurich
DATE ACTIVITY PERFORMED				DATE ACTIVITY PERFORMED	6/25/09
PUMP TYPE				PUMP TYPE	
PUMP MAKE				PUMP MAKE	
PUMP MODEL				PUMP MODEL	
PUMP INTAKE DEPTH (ft)				PUMP INTAKE DEPTH (ft)	
TUBING SIZE (In)				TUBING SIZE (In)	
TUBING MATERIAL				TUBING MATERIAL	
TUBING LENGTH (ft)				TUBING LENGTH (ft)	
TUBING CONNECTION				TUBING CONNECTION	

1/24/2003

ND* - Not Documented
BKI-EE-231 (02/20/02)

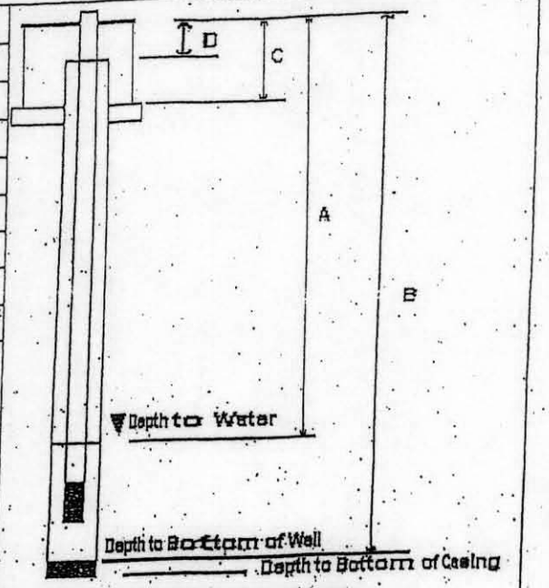
WELL ATTRIBUTES REPORT

FIELD ORDER NO: A4620
WELL ID: 199-H4-14B
WELL NAME:
HOST WELL ID:

DRILL DATE:
CONST. DATE:
CONST. DEPTH:

LAST INSPECTION:
NORTHING: 152732.359
EASTING: 577803.747
ELEVATION:

MEASUREMENT INFORMATION		LAST	CURRENT
A	DEPTH TO WATER(ft)		ND
	DEPTH TO WATER DATE		6/25/07
B	DEPTH TO BOTTOM(ft)		ND
	DEPTH TO BOTTOM DATE		6/25/07
C	STICK UP(ft)		ND
D	REFERENCE MARK(ft)		
	REFERENCE MARK IS TOC	☐ YES ☐ NO ☐ ND*	☐ YES ☑ NO



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

PERFORATION INFORMATION

CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND

CHANGES

CASING INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS
ND						

CHANGES The Hanford Well atlas has H4-14 and H4-14B with the same coordinates. They are either the same well or the two were drilled right together and H4-14B was covered over

SCREEN INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE

CHANGES

ND* - Not Documented
BH1-EE-231 (01/20/02)

1/24/2003

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	COORDINATES PLANT NS/EW	CASING ELEV / WELL DIAM / DATE_COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH_WATER	PERF/SCREEN TYPE	PERF/SCREEN DIAM	PERF/SCREEN TOP	PERF/SCREEN BOT	COMMENTS / PREVIOUS WELL NAMES
199-H4-9		96488.30	418.08	51.0					#20 SCREEN 36-46 FT.
GW		-39136.20	6.0	46.0					1H-TW3
H			9/86	44.4					
199-H4-10		97348.60	404.44	38.0					#20 SCREEN 23-38 FT.
GW		-39449.10	6.0	38.0					1H-TW4
H			9/86	30.9					
199-H4-11		95943.70	416.84	59.0					#20 SCREEN 38-53 FT.
GW		-38419.80	6.0	53.0					1H-TW5
H			10/86	44.0					
199-H4-12A		96549.50	413.50	52.0					#20 SCREEN 33-48 FT.
GW		-38854.00	6.0	48.0					1H-TC1A
H			11/86	40.2					
199-H4-12B		96568.30	413.52	51.0					#20 SCREEN 45-50 FT.
GW		-38869.60	6.0	50.0					1H-TC1B
H			11/86	40.2					
199-H4-12C		96572.80	413.52	220.0	S	6.0	72.0	82.0	#10 SCREEN 72-82 FT.
GW		-38845.30	6.0	82.0					1H-TC1C
H			10/86	38.1					
199-H4-13		95506.30	418.20	61.0					#20 SCREEN 37-52 FT.
GW		-38166.90	6.0	52.0					1H-TW6
H			11/86	45.6					
199-H4-14		96024.80	420.59	60.0					#20 SCREEN 38-53 FT.
GW		-39529.20	6.0	53.0					1H-TW7
H			12/86	45.6					
199-H4-14B									
GW									
199-H4-15A									#20 SCREEN 27-42 FT.
GW									1H-TC2A
H									
199-H4-15B									#20 SCREEN 37-42 FT.
GW									1H-TC2B
H									
199-H4-15CP		97033.50	407.07	330.0	S	2.0	325.0	327.0	#20 SCREEN 325-327 FT., FLOWING
GW		-39185.80	2.0	327.0					1H-TC2C#1
			10/86	-2.5					

Hanford Wells

PNL-8800 UC-903

M.A.Chamness & J.K. Merz

August 1993

Prepared for U.S. Dept of Energy under
Contract DE-AC06-76RLO 1830
Pacific NW Lab by Battelle Memorial Institute

A4620 199-H4-14
H4-14
20

299-E25-148
A6566

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	COORDINATES PLANT NS/EW	CASING ELEV / WELL DIAM / DATE_COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH_WATER	PERF/SCREEN TYPE	PERF/SCREEN DIAM	PERF/SCREEN TOP	PERF/SCREEN BOT	COMMENTS / PREVIOUS WELL NAMES
299-E25-147		41591.00		130.0					GROUTED
VW		-47588.00	6.0						
			3/78						
299-E25-148		41185.00		42.0					BACKFILLED & SEALED
AB		-47769.00							
			2/81						
299-E25-149									BACKFILLED & SEALED
AB									
299-E25-152									BACKFILLED & SEALED
AB									
299-E25-153									BACKFILLED
AB									
			5/81						
299-E25-154		40664.00		20.0					BACKFILLED
AB		-47000.00							
			5/81						
299-E25-155		40670.00		21.0					BACKFILLED
AB		-47151.00							
			5/81						
299-E25-156		40654.00		16.0					BACKFILLED
AB		-47062.00							
			5/81						
299-E25-157		40593.00		19.0					BACKFILLED
AB		-47030.00							
			5/81						
299-E25-158		40557.00		21.0					BACKFILLED
AB		-47058.00							
			5/81						
299-E25-159		40512.00		20.0					BACKFILLED
AB		-46994.00							
			5/81						
299-E25-160		40485.00		15.0					BACKFILLED
AB		-46918.00							
			5/81						

Hanford Wells

PNL-8800 UC-903

M.A.Chamness & J.K. Merz

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Pacific NW Lab by Battelle Memorial Institute

Query again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFI
A6566	299-E25-148	UNKNOWN	NAD83	01/01/1801	CONVERTED	136037.125	575333.092	m	

Well Number 243-E25-148
Former Designation
Computer Number

SURVEY DATA

Coordinates N 41185
W 47769.36
Casing Elevation
Date Surveyed

COMPLETION DATA

Completion Depth 42'
Static Water Depth
Date Drilled 2-12-81 to 2-23-81
Date Modified to
Date Destroyed 2-23-81

DRILL METHOD

- Air Rotary ☐
- Mud Rotary ☐
- Cable Tool ☐
- Auger ☑
- Core ☐

Other

CASING DEPTH

4" -
6" -
8" -
10" -
None -
-
-

PERFORATION

Type

Depths	Schedule
-	
-	
-	

SCREEN

Type
Length
Slot Size
Depths -
-

GROUT

Interval	Volume
-	
-	
-	

ROCK SAMPLES

Interval
Analyses
Logged by G. L. Wagenaar
Data Custodian T. J. Wood
Storage Location 2101-M

WATER SAMPLES

Interval
Analyses
Data Custodian

WELL PURPOSE

Stratigraphy Identification and Radiological Assessment

COMMENTS

Hole Backfilled AND SEALED WITH BENTONITE. A TANK FARM

WELL CUSTODIAN

Name G. L. Wagenaar
Section Earth Sciences Group
Department EA&M Rockwell

DRIL[illegible]OG	Bigham	AUGER	29[illegible]-25-148	COMPUTER NUMBER	PROJECT [illegible]ORK ORDER NO. CT[illegible]3
	DATE 2-12-81		DEPTH 0 TO 12'		SUBCONTRAC[illegible] JAJ 1349

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
0	6½'	AUGER SPLIT TUBE	M	BACKFILL 10% M-VF PEBBLE 10% VCS, 10% CS, 30% SILT, 20% FS	1505	SAMPLE K-200 cm
	10'	"	"	10% F-VF PEBBLE, 10% CS, 10% MS, 10% FS, 10% VFS 50% SILT	1510	" "
	12'	"	"	" " " " " " " "	1518	" "

REMARKS:

DRI[illegible] LOG

DIGHARM
DATE 2-13-91

AUGER

DEPTH 144 [illegible]25 - 148

[illegible] TO 25½

CT [illegible]
SUBCONTRA[illegible]
JAJ- 49

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
	15½'	AUGER SPLIT TUBE	NO.	BACKFILL 10% M VF PEBBLE 10% VCS, 10 CS, 30% SILT, 40% FS.	1000	SAMPLE 500 CTS
	17'	"		" " " " " " " "	1040	" 500 CTS
	20'	"	"	20% CS, 20% VCS, 40% SILT, 20% FINE SAND.	1055	" <200 CTS
	22½'	"	"	" " " " " "	1100	" 2000 CTS
	24½'	"	"	20% CS 10% SILT 20% VCS FEW ROCKS. BLACK CRUSTY SECTION ABOUT 2" LONG FIBERS AND PIECE OF SACKING.	1130	" 2000 CTS
	25½'	"	"	20% CS, 20% VCS, 30% SILT 30 FS.	1130	" 2000 CTS
				DRILLING STOPPED AT NOON DUE TO WEATHER		

REMARKS:

A-6000-021 (1-74)

D-DRIVE BARREL H-HARD TOOL L-LARGE M-MEDIUM S-SMALL VC-VERY COARSE C-COARSE F-FINE VF-VERY FINE STANDING WATER

2-23-81 | 25' to 42'

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION (% EACH GRAIN SIZE, COL. ROUNDNESS, CALCITE, ETC.)	TIME	DRILLING COMMENTS
	27½'	AUGER	M	BACKFILL, PEBBLES 10% 30 VCS, 30% CS 30% MS	1000	SAMPLE AT 26½' — 800 CTS
						" " 27½' — 800 CTS
	28'	"	"	" " " " "	1030	SAMPLE AT 28' — 700 CTS
						SAMPLER HUNG UP, LOST ½ OF SAMPLE GETTING 600 S
	30½'	"	"	BACKFILL PEBBLES 10% 30 VCS, 30% CS, 30% MS.	1100	SAMPLE 800 CTS
	32½	"	"	" " " " " "	1100	SAMPLE 800 CTS
	35'	"	"	" " " " " "	1330	SAMPLE 700 CTS
	37'	"	"	" " " " " "	1345	COMPOSITE SAMPLE 400 CTS
	39½'	"	M	BACKFILL PEBBLES 20% 30 VCS 30 CS 30% MS	1410	COMPOSITE SAMPLE 200 TO 400 CTS
	42'	"	"	" " " " "	1430	COMPOSITE SAMPLE CTS BACK OVER BACKG

(SEDIMENTS IN THE END OF SAMPLER AT 42' DC, AR IN THE LAST TWO INCHES THAN THE REST OF CORE.)

FINISHED HOLE AT 42'. PULLED AUGER AND SEALED AND BACKFILLED HOLE WITH BENTONITE.

REMARKS:

A-6000-021 (1-74)

D-DRIVE BARREL H-HARD TOOL L-LARGE M-MEDIUM S-SMALL VC-VERY COARSE C-COARSE F-FINE VF-VERY FINE STANDING WATER

299-E25-149
A6567

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	COORDINATES PLANT NS/EW	CASING ELEV / WELL DIAM / DATE COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH WATER	PERF/SCREEN TYPE	PERF/SCREEN DIAM	PERF/SCREEN TOP	PERF/SCREEN BOT	COMMENTS / PREVIOUS WELL NAMES
299-E25-147		41591.00		130.0					GROUTED
VW		-47588.00	6.0						
			3/78						
299-E25-148		41185.00		42.0					BACKFILLED & SEALED
AB		-47769.00							
			2/81						
299-E25-149		41177.00		43.0					BACKFILLED & SEALED
AB		-47776.00							
			2/81						
299-E25-152									BACKFILLED & SEALED
AB									
299-E25-153									BACKFILLED
AB									
299-E25-154									BACKFILLED
AB									
			5/81						
299-E25-155		40670.00		21.0					BACKFILLED
AB		-47151.00							
			5/81						
299-E25-156		40654.00		16.0					BACKFILLED
AB		-47062.00							
			5/81						
299-E25-157		40593.00		19.0					BACKFILLED
AB		-47030.00							
			5/81						
299-E25-158		40557.00		21.0					BACKFILLED
AB		-47058.00							
			5/81						
299-E25-159		40512.00		20.0					BACKFILLED
AB		-46994.00							
			5/81						
299-E25-160		40485.00		15.0					BACKFILLED
AB		-46918.00							
			5/81						

Hanford Wells

PNL-8800 UC-903

M.A.Chamness & J.K. Merz

August 1993

Prepared for U.S. Dept of Energy under

Contract DE-AC06-76RLO 1830

Pacific NW Lab by Battelle Memorial Institute

Query f again

IWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFI
A6567	299-E25-149	UNKNOWN	NAD83	01/01/1801	CONVERTED	136034.681	575330.966	m	

Well Number 299-E25-129
Former Designation
Computer Number

SURVEY DATA

Coordinates N41176.72
W42775.72
Casing Elevation
Date Surveyed

COMPLETION DATA

Completion Depth 43'
Static Water Depth
Date Drilled 2-11-81 to 2-12-81
Date Modified to
Date Destroyed 2-12-81

DRILL METHOD

- Air Rotary ☐
- Mud Rotary ☐
- Cable Tool ☐
- Auger ☑
- Core ☐

Other

CASING DEPTH

4" -
6" -
8" -
10" -
None -

PERFORATION

Type

Depths	Schedule
-	
-	
-	

SCREEN

Type
Length
Slot Size
Depths -
-

GROUT

Interval	Volume
-	
-	
-	

ROCK SAMPLES

Interval
Analyses
Logged by G. L. Wagenaar
Data Custodian T. J. Wood
Storage Location 2101-M

WATER SAMPLES

Interval
Analyses
Data Custodian

WELL PURPOSE

Stratigraphy Identification and Radiological Assessment

COMMENTS

Hole Backfilled AND SEALED WITH BENTONITE, A TRUCK FARM

WELL CUSTODIAN

Name G. L. Wagenaar
Section Earth Sciences Group
Department EA&M Rockwell

DRI LOG

BIGHORN | DATE 2-11-81 | AUGER | DEPTH 29 25-149 0 to 35' 9" | COMPUTER NUMBER | PROJECT CTI | WORK ORDER NO. | SUBCONTRACT NO. JAJ-1349

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
0	3'	SPLIT BOW. AUGER	M	BACK FILL MATERIAL MEDIUM, COARSE SILTY BROWN SAND	1030	SAMPLE <200 CTS
	8'	"	M	" " " " " " "	1100	" "
	10'	"	M	" " " " " " "	1105	" "
	15'	"	M	" " " " " " "	1110	" "
	18'	"	SM	PEBBLES MEDIUM COARSE SILTY BROWN SAND.	1125	" "
	21'	"	M	" " " " " "	1400	" "
	24'	"	M	" " " " " "	1430	" "
	26½'	"	M	" " " " " "	1450	" "
	29'	"	"	SMALL ROCKS, PEBBLES MEDIUM COARSE SILTY BROWN SAND	1510	" "
	31½'	"	"	" " " " " " "	1530	" "
	35' 9"	"	"	" " " " " " "	1545	" ✓ "

REMARKS:

A-6000-021 (1-74)

DRI[illegible] OG

Bigham

DATE 2-12-8[illegible]

AUGER

294 [illegible] 25 - 149

DEPTH 35' [illegible] TO 43'

COMPUTER NUMBER

PROJECT [illegible] ORK ORDER NO. C7 [illegible] 3

SUBCONTRA[illegible] JAJ 1349

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
	37½'	AUGER SPLIT BARREL	M	VF PEBBLES 10%, 30% VCS, 30% CS, 30% MS	1100	PEBBLE BASALT COMP[illegible] 300 CPM SOME 300[illegible]
	39½	"	M	F-VF PEBBLES 15% 30% VCS, 30% CS 20% MS. 5% SILT.	1350	< 200 CPM
	43'	"	M	F-VF PEBBLE 15%, 40% VCS, 30% CS 10% MS, 5% SILT.	1410	< 200 CPM
				FINISHED HOLE AT 1410. PULLED AUGER AND BACKFILLED HOLE WITH BENTONITE.		

REMARKS:

A-6000-021 (1-74)

299-E25-152
A6568

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	COORDINATES PLANT NS/EW	CASING ELEV / WELL DIAM / DATE COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH WATER	PERF/SCREEN TYPE	PERF/SCREEN DIAM	PERF/SCREEN TOP	PERF/SCREEN BOT	COMMENTS / PREVIOUS WELL NAMES
299-E25-147 VW		41591.00 -47588.00	6.0 3/78	130.0					GROUTED
299-E25-148 AB		41185.00 -47769.00	2/81	42.0					BACKFILLED & SEALED
299-E25-149 AB		41177.00 -47776.00	2/81	43.0					BACKFILLED & SEALED
299-E25-152 AB		41195.00 -47765.00	2/81	42.0					BACKFILLED & SEALED
299-E25-153 AB									BACKFILLED
299-E25-154 AB									BACKFILLED
299-E25-155 AB									BACKFILLED
299-E25-156 AB		40654.00 -47062.00	5/81	16.0					BACKFILLED
299-E25-157 AB		40593.00 -47030.00	5/81	19.0					BACKFILLED
299-E25-158 AB		40557.00 -47058.00	5/81	21.0					BACKFILLED
299-E25-159 AB		40512.00 -46994.00	5/81	20.0					BACKFILLED
299-E25-160 AB		40485.00 -46918.00	5/81	15.0					BACKFILLED

Hanford Wells

PNL-8800 UC-903

M.A.Chamness & J.K. Merz

August 1993

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Pacific NW Lab by Battelle Memorial Institute

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIE
A6568	299-E25-152	UNKNOWN	NAD83	01/01/1801	CONVERTED	136040.176	575334.302	m	

Well Number 299-E25-152
Former Designation
Computer Number

SURVEY DATA

Coordinates N 41194.65
W 47265.36
Casing Elevation
Date Surveyed

COMPLETION DATA

Completion Depth 42'
Static Water Depth
Date Drilled 2-26-81 to 2-27-81
Date Modified to
Date Destroyed 2-27-81

DRILL METHOD

- Air Rotary ☐
- Mud Rotary ☐
- Cable Tool ☐
- Auger ☑
- Core ☐

Other

CASING DEPTH

4" -
6" -
8" -
10" -
None -
- -
- -

PERFORATION

Type

Depths	Schedule
-	
-	
-	

SCREEN

Type
Length
Slot Size
Depths -
-

GROUT

Interval	Volume
-	
-	
-	

ROCK SAMPLES

Interval
Analyses
Logged by G. L. Wagenaar
Data Custodian T. J. Wood
Storage Location 2101-M

WATER SAMPLES

Interval
Analyses
Data Custodian

WELL PURPOSE

Stratigraphy Identification and Radiological Assessment

COMMENTS

Hole Backfilled AND SEALED WITH BENTONITE.
A TASK FORM

WELL CUSTODIAN

Name G. L. Wagenaar
Section Earth Sciences Group
Department EA&M Rockwell

DRIL[illegible]OG

Bichard

DATE 2-26-51

Auger

200-[illegible]25-152

DEPTH 0 TO 20'

SUBCONTRAC[illegible]

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
—	5'	Auger	N	Backfill 0% M F Pebble, 20% C S, 30% Silt 40% M F Sand	1445	Inches 200 ppm
	12½'	"	"	" " " " " "	1455	" "
	15'	"	"	" " " " " "	1510	" "
	20'	"	"	" " " " " "	1520	" "

REMARKS:

A-6000-021 (. 74)

D-DRIVE BARREL H-HARD TOOL L-LARGE M-MEDIUM S-SMALL VC-VERY COARSE C-COARSE F-FINE VF-VERY FINE ____STANDING WATER

DRILLING	Richman	Auger	299 E25-12 L	SUBCONTRACTOR
	DATE 2-27-81		DEPTH 20 TO 42'	

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
	25'	Auger	M	Few Pebbles, Chunk of old Sandstone, 30% CS, 40% MFS, Few 1" Rocks ½" Silty	1010	Sample < 500 cts
	30'	"	"	10% Pebbles 20% VC Sand, 30% M F Sand, FS, Silty	1040	" "
	35'	"	"	3" Rock, 1" Rock } Pebbles " " " "	1105	" "
	37½	"	"	" " " " " "	[illegible]	" "
	39½	"	"	" " " " " "	1350	Composite Sample 37½ to 39½
	42'	"	"	" " " " " "	1415	Composite Sample 39½ to 42' Rock in end of sampler. Didn't get enough sample.
				Hole finished at 42'. Backfilled hole and sealed with Bentonite.		

REMARKS:

A-6000-021 (. 74)

D—DRIVE BARREL H—HARD TOOL L—LARGE M—MEDIUM S—SMALL VC—VERY COARSE C—COARSE F—FINE VF—VERY FINE ____ STANDING WATER

299-E25-153
A6569

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	COORDINATES PLANT NS/EW	CASING ELEV / WELL DIAM / DATE COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH WATER	PERF/SCREEN TYPE	PERF/SCREEN DIAM	PERF/SCREEN TOP	PERF/SCREEN BOT	COMMENTS / PREVIOUS WELL NAMES
299-E25-147 VW		41591.00 -47588.00	6.0 3/78	130.0					GROUTED
299-E25-148 AB		41185.00 -47769.00	2/81	42.0					BACKFILLED & SEALED
299-E25-149 AB		41177.00 -47776.00	2/81	43.0					BACKFILLED & SEALED
299-E25-152 AB		41195.00 -47765.00	2/81	42.0					BACKFILLED & SEALED
299-E25-153 AB		40671.00 -46912.00	5/81	20.0					BACKFILLED
299-E25-154 AB									BACKFILLED
299-E25-155 AB									BACKFILLED
299-E25-156 AB									BACKFILLED
299-E25-157 AB		40593.00 -47030.00	5/81	19.0					BACKFILLED
299-E25-158 AB		40557.00 -47058.00	5/81	21.0					BACKFILLED
299-E25-159 AB		40512.00 -46994.00	5/81	20.0					BACKFILLED
299-E25-160 AB		40485.00 -46918.00	5/81	15.0					BACKFILLED

Hanford Wells

PNL-8800 UC-903

M.A.Chamness & J.K. Merz

August 1993

Prepared for U.S. Dept of Energy under

Contract DE-AC06-76RLO 1830

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Query Again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A6569	299-E25-153	UNKNOWN	NAD83	01/01/1801	CONVERTED	135881.178	575594.63	m	

WELL COMPLETION REPORT

Well Number 299-E25-153
Former Designation
Computer Number

SURVEY DATA

Coordinates N40671
W46912
Casing Elevation
Date Surveyed

COMPLETION DATA

Completion Depth 20'
Static Water Depth
Date Drilled 5-4-81 to 5-4-81
Date Modified to
Date Destroyed 5-4-81

DRILL METHOD

- Air Rotary ☐
- Mud Rotary ☐
- Cable Tool ☐
- Auger ☑
- Core ☐

Other

CASING DEPTH

4" -
6" -
8" -
10" -
None -

PERFORATION

Type

Depths	Schedule
-	
-	
-	

SCREEN

Type
Length
Slot Size
Depths -
-

GROUT

Interval	Volume
-	
-	
-	

ROCK SAMPLES

Interval
Analyses
Logged by G. WAGENAAR
Data Custodian T. J. WOOD
Storage Location 2101-M

WATER SAMPLES

Interval
Analyses
Data Custodian

WELL PURPOSE

STRATIGRAPHY IDENTIFICATION AND RADIOLOGICAL ASSESSMENT.

COMMENTS

HOLE BACK FILLED

WELL CUSTODIAN

Name G. L. WAGENAAR
Section EARTH SCIENCE GROUP
Department E.A.&M. Rockwell

DRILLING	EVANS	AUGER	299 25-153		LTI
	DATE 5-4-81		DEPTH 0 TO 20'		SUBCONTRACT JAN 1345

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
	0-6"	SPLIT BARL	DRY	SILTY, V.F., F. SAND	1715	SAMPLE
	5'	"	M.	SILTY, F., V.F., M. SAND.	1740	"
	7½'	"	M.	F. TO M. SAND	1755	"
	10'	"	M.	F., M. SAND. SOME C. SAND	1810	"
	12½'	"	VERY MOIST	F. TO M. SAND. VERY FINE SILT LAYER ABOUT 3" DEEP AT 12½'	1825	"
	15	"	VERY MOIST	M., C., V.C. SAND. ROCKS ½" TO ½" DIA. AT 14½'.	1835	"
	17½	"	VERY MOIST	C., V.C. SAND. ½" TO ½" DIA. ROCKS, PEBBLES	1845	"
	20'	"	MOIST	C., V.C. SAND. ⅛" TO ½" DIA. ROCKS, PEBBLES.	1900	"

BACKFILLED HOLE.

REMARKS:

DRILL LOG

DATE 5/4/81 | Auger | DEPTH 0 TO 17½ | SUBCONTRACTOR JAJ 13

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
				Moved Rig and set up. Auger down To		
				17½ & sampling. And Tore Rig down		
				1. ~~2~~ 3hr		
				2. ~~2~~ 3hr.		
				3. 1 hr.		

REMARKS:

4

A-6000-021 (1-74)

D-DRIVE BARREL H-HARD TOOL L-LARGE M-MEDIUM S-SMALL VC-VERY COARSE C-COARSE F-FINE VF-VERY FINE ___ STANDING WATER

299-E25-154
A6570

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	COORDINATES PLANT NS/EW	CASING_ELEV / WELL_DIAM / DATE_COMPL	DRILL_DEPTH / COMPL_DEPTH / DEPTH_WATER	PERF/SCREEN TYPE	PERF/SCREEN DIAM	PERF/SCREEN TOP	PERF/SCREEN BOT	COMMENTS / PREVIOUS WELL NAMES
299-E25-147 VW		41591.00 -47588.00	6.0 3/78	130.0					GROUTED
299-E25-148 AB		41185.00 -47769.00	2/81	42.0					BACKFILLED & SEALED
299-E25-149 AB		41177.00 -47776.00	2/81	43.0					BACKFILLED & SEALED
299-E25-152 AB		41195.00 -47765.00	2/81	42.0					BACKFILLED & SEALED
299-E25-153 AB		40671.00 -46912.00	5/81	20.0					BACKFILLED
299-E25-154 AB		40664.00 -47000.00	5/81	20.0					BACKFILLED
299-E25-155 AB									BACKFILLED
299-E25-156 AB									BACKFILLED
299-E25-157 AB			5/81						BACKFILLED
299-E25-158 AB		40557.00 -47058.00	5/81	21.0					BACKFILLED
299-E25-159 AB		40512.00 -46994.00	5/81	20.0					BACKFILLED
299-E25-160 AB		40485.00 -46918.00	5/81	15.0					BACKFILLED

Hanford Wells

PNL-8800 UC-903

M.A.Chamness & J.K. Merz

August 1993

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Query [illegible] again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFI
A6570	299-E25-154	UNKNOWN	NAD83	01/01/1801	CONVERTED	135878.973	575567.824	m	

WELL COMPLETION REPORT

Well Number 299-E25-154
Former Designation
Computer Number

SURVEY DATA

Coordinates N 40664
W 42000
Casing Elevation
Date Surveyed

COMPLETION DATA

Completion Depth 20'
Static Water Depth
Date Drilled 5-4-81 to 5-4-81
Date Modified to
Date Destroyed 5-4-81

DRILL METHOD

- Air Rotary ☐
- Mud Rotary ☐
- Cable Tool ☐
- Auger ☑
- Core ☐

Other

CASING DEPTH

4" -
6" -
8" -
10" -
None -

PERFORATION

Type

Depths	Schedule
-	
-	
-	

SCREEN

Type
Length
Slot Size
Depths -
-

GROUT

Interval	Volume
-	
-	
-	

ROCK SAMPLES

Interval
Analyses
Logged by G.L. WAGENNAR
Data Custodian T.J. WOOD
Storage Location 2101-M

WATER SAMPLES

Interval
Analyses
Data Custodian

WELL PURPOSE

STRATIGRAPHY IDENTIFICATION AND RADIOLOGICAL ASSESSMENT.

COMMENTS

HOLE BACK FILLED

WELL CUSTODIAN

Name G.L. WAGENNAR
Section EARTH SCIENCE GROUP
Department E.A.&M. ROCKWELL

DRILL[illegible]G	BY EVANS	RIG AUGER	299-[illegible]5-154	COMPUTER NUMBER	PROJECT [illegible] WORK ORDER NO. C+[illegible]
	DATE 5-4-81		DEPTH 0 TO 20'		SUBCONTRACT [illegible] JPJ 1349

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
	0-3'	SPLIT BARL	DRY	F., M., SILTY SAND.	1430	SAMPLE
	5'	"	S.M	F., M., SILTY SAND.	1445	"
	7½'	"	M	F., M. SAND.	1500	"
	10'	"	M	M., C. SAND. SOME FINE SAND	1515	"
	15'	"	M	M., C., SAND AT 14'9". SILTY FINE SAND AT 15'. MORE MOIST	1530	"
	20'	"	VERY MOIST	C., TO VERY COARSE SAND.	1600	"

BACK FILLED HOLE.

REMARKS:

DRILL LOG

DATE 5/4/81

Auger

DEPTH

TO

SUBCONTRACTOR NO. JAJ 13

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
				Moved Auger From yard To 200 E +		
				Augered down To 20' + sampling		
				1.5 hr.		
				8.5 hr.		

REMARKS:

5

A-6000-021 (1-74)

D-DRIVE BARREL H-HARD TOOL L-LARGE M-MEDIUM S-SMALL VC-VERY COARSE C-COARSE F-FINE VF-VERY FINE ___ STANDING WATER

299-E25-155
A6571

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	COORDINATES PLANT NS/EW	CASING ELEV / WELL DIAM / DATE COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH WATER	PERF/SCREEN TYPE	PERF/SCREEN DIAM	PERF/SCREEN TOP	PERF/SCREEN BOT	COMMENTS / PREVIOUS WELL NAMES
299-E25-147		41591.00		130.0					GROUTED
VW		-47588.00	6.0 3/78						
299-E25-148		41185.00		42.0					BACKFILLED & SEALED
AB		-47769.00	2/81						
299-E25-149		41177.00		43.0					BACKFILLED & SEALED
AB		-47776.00	2/81						
299-E25-152		41195.00		42.0					BACKFILLED & SEALED
AB		-47765.00	2/81						
299-E25-153		40671.00		20.0					BACKFILLED
AB		-46912.00	5/81						
299-E25-154		40664.00		20.0					BACKFILLED
AB		-47000.00	5/81						
299-E25-155		40670.00		21.0					BACKFILLED
AB		-47151.00	5/81						
299-E25-156									BACKFILLED
AB									
299-E25-157									BACKFILLED
AB									
299-E25-158									BACKFILLED
AB			5/81						
299-E25-159		40512.00		20.0					BACKFILLED
AB		-46994.00	5/81						
299-E25-160		40485.00		15.0					BACKFILLED
AB		-46918.00	5/81						

Hanford Wells

PNL-8800 UC-903

M.A.Chamness & J.K. Merz

August 1993

Prepared for U.S. Dept of Energy under

Contract DE-AC06-76RLO 1830

Pacific NW Lab by Battelle Memorial Institute

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFI
A6571	299-E25-155	UNKNOWN	NAD83	01/01/1801	CONVERTED	135880.677	575521.813	m	

WELL COMPLETION REPORT

Well Number 299-E25-155
Former Designation
Computer Number

SURVEY DATA

Coordinates N40670
W42151
Casing Elevation
Date Surveyed

COMPLETION DATA

Completion Depth 21'
Static Water Depth
Date Drilled 5-11-81 to 5-11-81
Date Modified to
Date Destroyed 5-11-81

DRILL METHOD

- Air Rotary ☐
- Mud Rotary ☐
- Cable Tool ☐
- Auger ☑
- Core ☐

Other

CASING DEPTH

4"	-	
6"	-	
8"	-	
10"	-	
None	-	
	-	
	-	

PERFORATION

Type

Depths	Schedule
-	
-	
-	

SCREEN

Type
Length
Slot Size
Depths -
-

GROUT

Interval	Volume
-	
-	
-	

ROCK SAMPLES

Interval
Analyses
Logged by G. L. Wagenaar
Data Custodian T. J. Wood
Storage Location 2101-M

WATER SAMPLES

Interval
Analyses
Data Custodian

WELL PURPOSE

Stratigraphy Identification
and Radiological Assessment

COMMENTS

Hole Backfilled

WELL CUSTODIAN

Name G. L. Wagenaar
Section Earth Sciences Group
Department EA&M Rockwell

DRILL LOG	BY EVANS	RIG	WELL NUMBER 299-W15-155	COMPUTER NUMBER	PROJECT OR WORK ORDER NO. CT 18.
	DATE 5-11-81	AUGER	DEPTH 0' TO 21'		SUBCONTRACT NO. JBT 1349

Best Available Copy

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
	0-4'	SPLIT SPOON	SAMPLE	SILTY VERY FINE TO MEDIUM SAND	1310	SAMPLE
	4½-10'	"	DRY	SILT VERY FINE POORLY SAND.	1320	"
	20'-21'	"	SAMPLE MISS	VERY COARSE SAND AND ROCKS ½" TO 1½".	1500	"
				BACKFILLED HOLE.		

REMARKS:

A-6000-021 (1-74) D-DRIVE BARREL H-HARD TOOL L-LARGE M-MEDIUM S-SMALL VC-VERY COARSE C-COARSE F-FINE VF-VERY FINE ____ STANDING WATER

DR. LOG	BY Evans	RIG	WELL NUM. E25 5	COMPUTER NUMBER	PROJECT OR WORK ORDER NO. CT 1807
	DATE 8/11/81	Auger	DEPTH 0 TO 20'		SUBCONTRACT NO. JAJ 1349

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
				Augered down To 20' & sampling. Take		
				Rig down and moved To 200 W. helped		
				Dave Tenr down his Rig and move To		
				200 W.		
				1. 4 hr.		
				2. 4 hr.		

REMARKS:

A-6000-021 (.74) D-DRIVE BARREL H-HARD TOOL L-LARGE M-MEDIUM S-SMALL VC-VERY COARSE C-COARSE F-FINE VF-VERY FINE STANDING WATER

299-E-25-156
A6572

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	PLANT NS/EW	CASING ELEV / WELL DIAM / DATE COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH WATER	PERF/SCREEN TYPE	DIAM	TOP	BOT	COMMENTS / PREVIOUS WELL NAMES
299-E25-147		41591.00		130.0					GROUTED
VW		-47588.00	6.0						
			3/78						
299-E25-148		41185.00		42.0					BACKFILLED & SEALED
AB		-47769.00							
			2/81						
299-E25-149		41177.00		43.0					BACKFILLED & SEALED
AB		-47776.00							
			2/81						
299-E25-152		41195.00		42.0					BACKFILLED & SEALED
AB		-47765.00							
			2/81						
299-E25-153		40671.00		20.0					BACKFILLED
AB		-46912.00							
			5/81						
299-E25-154		40664.00		20.0					BACKFILLED
AB		-47000.00							
			5/81						
299-E25-155		40670.00		21.0					BACKFILLED
AB		-47151.00							
			5/81						
299-E25-156		40654.00		16.0					BACKFILLED
AB		-47062.00							
			5/81						
299-E25-157									BACKFILLED
AB									
299-E25-158									BACKFILLED
AB									
299-E25-159									BACKFILLED
AB									
			5/81						
299-E25-160		40485.00		15.0					BACKFILLED
AB		-46918.00							
			5/81						

Hanford Wells

PNL-8800 UC-903

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August 1993

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HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A6572	299-E25-156	UNKNOWN	NAD83	01/01/1801	CONVERTED	135875.874	575548.943	m	

Well Number 299-E25-156
Former Designation
Computer Number

SURVEY DATA

Coordinates N40654
W42062
Casing Elevation
Date Surveyed

COMPLETION DATA

Completion Depth 16½'
Static Water Depth
Date Drilled 5-5-81 to 5-5-81
Date Modified to
Date Destroyed 5-5-81

DRILL METHOD

- Air Rotary ☐
- Mud Rotary ☐
- Cable Tool ☐
- Auger ☑
- Core ☐

Other

CASING DEPTH

4"	-
6"	-
8"	-
10"	-
None	-
	-
	-

PERFORATION

Type

Depths	Schedule
-	
-	
-	

SCREEN

Type
Length
Slot Size
Depths -
-

GROUT

Interval	Volume
-	
-	
-	

ROCK SAMPLES

Interval
Analyses
Logged by G. L. Wagenaar
Data Custodian T. J. Wood
Storage Location 2101-M

WATER SAMPLES

Interval
Analyses
Data Custodian

WELL PURPOSE

Stratigraphy Identification
and Radiological Assessment

COMMENTS

Hole Backfilled

WELL CUSTODIAN

Name G. L. Wagenaar
Section Earth Sciences Group
Department EA&M Rockwell

DRILLER	BY	RIG	WELL NUMBER	COMPUTER NUMBER	PROJECT OR WORK ORDER NO.
G	EVANS	AUGER	299 E25-156		CT 7
	DATE 5-5-87		DEPTH 0 TO 16 1/2'		SUBCONTRACT JBJ 1349

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
	0 TO 3"	AUGER	DRY	SILTY FINE BLOW SAND	0900	SAMPLE
	7 1/2 TO 10'	"	M	FINE TO MEDIUM SAND	0930	"
	13' TO 15'	"	M	MEDIUM TO FINE SAND	0940	"
	15 TO 16 1/2	"	M	" TO COARSE SAND	0950	"
				HOLE BACKFILLED		

REMARKS:

A-6000-021 (1-74)

D-DRIVE BARREL H-HARD TOOL L-LARGE M-MEDIUM S-SMALL VC-VERY COARSE C-COARSE F-FINE VF-VERY FINE STANDING WATER

299-E25-157
A6573

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	COORDINATES PLANT NS/EW	CASING_ELEV / WELL_DIAM / DATE_COMPL	DRILL_DEPTH / COMPL_DEPTH / DEPTH_WATER	PERF/SCREEN TYPE	PERF/SCREEN DIAM	PERF/SCREEN TOP	PERF/SCREEN BOT	COMMENTS / PREVIOUS WELL NAMES
299-E25-147 VW		41591.00 -47588.00	6.0 3/78	130.0					GROUTED
299-E25-148 AB		41185.00 -47769.00	2/81	42.0					BACKFILLED & SEALED
299-E25-149 AB		41177.00 -47776.00	2/81	43.0					BACKFILLED & SEALED
299-E25-152 AB		41195.00 -47765.00	2/81	42.0					BACKFILLED & SEALED
299-E25-153 AB		40671.00 -46912.00	5/81	20.0					BACKFILLED
299-E25-154 AB									BACKFILLED
299-E25-155 AB									BACKFILLED
299-E25-156 AB									BACKFILLED
299-E25-157 AB		40593.00 -47030.00	5/81	19.0					BACKFILLED
299-E25-158 AB		40557.00 -47058.00	5/81	21.0					BACKFILLED
299-E25-159 AB		40512.00 -46994.00	5/81	20.0					BACKFILLED
299-E25-160 AB		40485.00 -46918.00	5/81	15.0					BACKFILLED

Hanford Wells

PNL-8800 UC-903

M.A.Chamness & J.K. Merz

August 1993

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HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A6573	299-E25-157	UNKNOWN	NAD83	01/01/1801	CONVERTED	135857.31	575558.744	m	

Well Number 299-E25-157
Former Designation
Computer Number

SURVEY DATA

Coordinates N 40593
W 42030
Casing Elevation
Date Surveyed

COMPLETION DATA

Completion Depth 19½'
Static Water Depth
Date Drilled 5-7-81 to 5-7-81
Date Modified to
Date Destroyed 5-7-81

DRILL METHOD

- Air Rotary ☐
- Mud Rotary ☐
- Cable Tool ☐
- Auger ☑
- Core ☐

Other

CASING DEPTH

4" -
6" -
8" -
10" -
None -

PERFORATION

Type

Depths	Schedule
-	
-	
-	

SCREEN

Type
Length
Slot Size
Depths -
-

GROUT

Interval	Volume
-	
-	
-	

ROCK SAMPLES

Interval
Analyses
Logged by G. L. Wagenaar
Data Custodian T. J. Wood
Storage Location 2101-M

WATER SAMPLES

Interval
Analyses
Data Custodian

WELL PURPOSE

Stratigraphy Identification
and Radiological Assessment

COMMENTS

Hole Backfilled

WELL CUSTODIAN

Name G. L. Wagenaar
Section Earth Sciences Group
Department EA&M Rockwell

DR[illegible] LOG

FIONS

DATE 5-7-91

AUGER

DEPTH [illegible] 25-157 TO 19 1/2

Best Available Copy

SUBCONTRA[illegible]

+1807 2 AT 1349

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	SAMPLE
	[illegible]	"	SAME	VERY FINE TO FINE TO MEDIUM SAND	1010	
	14-15	"	MOIST	FINE TO MEDIUM SAND SOME COARSE AT 14½		
				[illegible] TO VERY FINE TO FINE SAND		
				[illegible] AT [illegible] COARSE TO COARSE	[illegible]	"
	[illegible]		[illegible]	COARSE TO VERY COARSE AT [illegible]	[illegible]	"
	[illegible]		MOIST	COARSE AND MEDIUM SAND AT [illegible] COARSE TO SILTY VERY COARSE SAND AT [illegible]		
				BACK TO MOSTLY COARSE SAND AT 19½		
				SILTY VERY COARSE SAND AREA AT 19' WAS MORE MOIST THAN ABOVE AND BELOW.		
				Hole Backfilled		

REMARKS:

A-6000-021 (1-74)

D-DRIVE BARREL H-HAND TOOL L-LARGE M-MEDIUM S-SMALL VC-VERY COARSE C-COARSE F-FINE VF-VERY FINE STANDING WATER

DRIL[illegible] LOG

Evans

DATE 5/7/81

Auger

E25[illegible]57

DEPTH 0 TO 20

CT 1[illegible] 7

SUBCONTR[illegible] D.

JAN 13 19

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
				Augered down To 20' & SAMPLED & Tore		
				Rig down and moved		
				1. 2 hr.		
				8. 2 hr.		

REMARKS:

E 2

299-E25-158
A6574

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	PLANT NS/EW	CASING ELEV / WELL DIAM / DATE COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH WATER	PERF/SCREEN TYPE	DIAM	TOP	BOT	COMMENTS / PREVIOUS WELL NAMES
299-E25-147 VW		41591.00 -47588.00	6.0 3/78	130.0					GROUTED
299-E25-148 AB		41185.00 -47769.00	2/81	42.0					BACKFILLED & SEALED
299-E25-149 AB		41177.00 -47776.00	2/81	43.0					BACKFILLED & SEALED
299-E25-152 AB		41195.00 -47765.00	2/81	42.0					BACKFILLED & SEALED
299-E25-153 AB		40671.00 -46912.00	5/81	20.0					BACKFILLED
299-E25-154 AB		40664.00 -47000.00	5/81	20.0					BACKFILLED
299-E25-155 AB									BACKFILLED
299-E25-156 AB									BACKFILLED
299-E25-157 AB									BACKFILLED
299-E25-158 AB		40557.00 -47058.00	5/81	21.0					BACKFILLED
299-E25-159 AB		40512.00 -46994.00	5/81	20.0					BACKFILLED
299-E25-160 AB		40485.00 -46918.00	5/81	15.0					BACKFILLED

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

Qu IWIS again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A6574	299-E25-158	UNKNOWN	NAD83	01/01/1801	CONVERTED	135846.315	575550.243	m	

Well Number 29-E25-158
Former Designation
Computer Number

SURVEY DATA

Coordinates N40557
W47058
Casing Elevation
Date Surveyed

COMPLETION DATA

Completion Depth 21'
Static Water Depth
Date Drilled 5-11-81 to 5-11-81
Date Modified to
Date Destroyed 5-11-81

DRILL METHOD

- Air Rotary ☐
- Mud Rotary ☐
- Cable Tool ☐
- Auger ☑
- Core ☐

Other

CASING DEPTH

4" -
6" -
8" -
10" -
None -

PERFORATION

Type
Depths - Schedule

SCREEN

Type
Length
Slot Size
Depths -

GROUT

Interval - Volume

ROCK SAMPLES

Interval
Analyses
Logged by G. L. Wagenaar
Data Custodian T. J. Wood
Storage Location 2101-M

WATER SAMPLES

Interval
Analyses
Data Custodian

WELL PURPOSE

Stratigraphy Identification and Radiological Assessment

COMMENTS

Hole Backfilled

WELL CUSTODIAN

Name G. L. Wagenaar
Section Earth Sciences Group
Department EA&M Rockwell

DRI[illegible] OG

EVANS

DATE 5-11-81

AUGER

299[illegible]25-15Y

DEPTH 0 TO 21

CT [illegible]07

SUBCONTRA[illegible]

JOB 1349

Best Available Copy

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
	C-[illegible]	SPLIT BARREL	SATURATED MOIST	SILTY FINE TO MEDIUM SAND, BECOMING SILTY	1[illegible]	SAMPLE
	5-10½	" "	DRY	VERY SILTY DRY POWDERY VERY FINE SAND, TRACE OF MED. AND COARSE SAND	1[illegible]	" "
	20-21	" "	DRY	VERY COARSE COARSE SAND AND ROCKS ½ TO 1½ IN DIAMETER	1[illegible]	" "
				HOLE BACKFILLED		

REMARKS:

A-6000-021 (1-74)

D-DRIVE BARREL H-HARD TOOL L-LARGE M-MEDIUM S-SMALL VC-VERY COARSE C-COARSE F-FINE VF-VERY FINE STANDING WATER

DATE 5/11/81 | Huger | DEPTH FROM 0 TO 20 | SUBCONT. NO. 7 | JAJ 1-19

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
				Augered down To 20 + Sampling Tore		
				Rig down + moved And sit up		
				1. 2 hr.		
				8. 2 hr.		

REMARKS:

2

A-6000-021 (6)

D-DRIVE BARREL H-HARD TOOL L-LARGE M-MEDIUM S-SMALL VC-VERY COARSE C-COARSE F-FINE VF-VERY FINE

STANDING WATER

299-E25-159
A6575

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	COORDINATES PLANT NS/EW	CASING_ELEV / WELL_DIAM / DATE_COMPL	DRILL_DEPTH / COMPL_DEPTH / DEPTH_WATER	PERF/SCREEN TYPE	PERF/SCREEN DIAM	PERF/SCREEN TOP	PERF/SCREEN BOT	COMMENTS / PREVIOUS WELL NAMES
299-E25-147 VW		41591.00 -47588.00	6.0 3/78	130.0					GROUTED
299-E25-148 AB		41185.00 -47769.00	2/81	42.0					BACKFILLED & SEALED
299-E25-149 AB		41177.00 -47776.00	2/81	43.0					BACKFILLED & SEALED
299-E25-152 AB		41195.00 -47765.00	2/81	42.0					BACKFILLED & SEALED
299-E25-153 AB		40671.00 -46912.00	5/81	20.0					BACKFILLED
299-E25-154 AB		40664.00 -47000.00	5/81	20.0					BACKFILLED
299-E25-155 AB		40670.00 -47151.00	5/81	21.0					BACKFILLED
299-E25-156 AB				[illegible]					BACKFILLED
299-E25-157 AB									BACKFILLED
299-E25-158 AB			[illegible]						BACKFILLED
299-E25-159 AB		40512.00 -46994.00	5/81	20.0					BACKFILLED
299-E25-160 AB		40485.00 -46918.00	5/81	15.0					BACKFILLED

Hanford Wells

PNL-8800 UC-903

M.A.Chamness & J.K. Merz

August 1993

Prepared for U.S. Dept of Energy under

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Pacific NW Lab by Battelle Memorial Institute

Qu IWIS again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER	C
A6575	299-E25-159	UNKNOWN	NAD83	01/01/1801	CONVERTED	135832.653	575569.78	m		C

Well Number 299-E25-159
Former Designation
Computer Number

SURVEY DATA

Coordinates N 40512
W 46994
Casing Elevation
Date Surveyed

COMPLETION DATA

Completion Depth 20'
Static Water Depth
Date Drilled 5-7-81 to 5-7-81
Date Modified to
Date Destroyed 5-7-81

DRILL METHOD

- Air Rotary ☐
- Mud Rotary ☐
- Cable Tool ☐
- Auger ☑
- Core ☐

Other

CASING DEPTH

4" -
6" -
8" -
10" -
None -

PERFORATION

Type

Depths	Schedule
-	
-	
-	

SCREEN

Type
Length
Slot Size
Depths -
-

GROUT

Interval	Volume
-	
-	
-	

ROCK SAMPLES

Interval
Analyses
Logged by G. L. Wagenaar
Data Custodian T. J. Wood
Storage Location 2101-M

WATER SAMPLES

Interval
Analyses
Data Custodian

WELL PURPOSE

Stratigraphy Identification
and Radiological Assessment

COMMENTS

Hole Backfilled

WELL CUSTODIAN

Name G. L. Wagenaar
Section Earth Sciences Group
Department EA&M Rockwell

DRI LOG

EVANS

DATE 5-7-81

AUGER

DEPTH 25-159 TO 20'

SUBCONTR. C 807

I.D. J. T 1349

Best Available Copy

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
	0-3'	SPIT BARL	Dry	Dark Sand, F, M, Sand, Silty	15:00	Sample
	3-6'	"	Sand & moist	Fine to medium sand		
	6-15'	"	"	Fine to medium sand, some coarse	15:30	"
	19'	"	"	Medium to coarse sand	16:00	"
	20'	"	"	Coarse, fine sand	16:30	"
				Hole Backfilled		

REMARKS:

A-6000-021 (1-74)

D-DRIVE BARREL H-HARD TOOL L-LARGE M-MEDIUM S-SMALL VC-VERY COARSE C-COARSE F-FINE VF-VERY FINE

STANDING WATER

DRIL[illegible]OG

Evans

DATE 5/7/81

Auger

E25 [illegible]59

DEPTH 0 TO 15'

C7 18 [illegible]

SUBCONTR[illegible] NO. JAJ [illegible] 19

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
				Augered down to 15' & sampled ~~[illegible]~~		
				~~[illegible]~~		
				1. 1½		
				2. 1½		
						1½

REMARKS:

DRILL LOG

DATE		DEPTH		SUBCONTRACT NO.
5/8/81	Auger	13 TO 19½		C1 18 7 JA1 1 49

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
				helped Dave and Finished Augering hole and moved Rig.		
				1. 4		
				8. 4		
						4

REMARKS:

A-6000-021 (1-74)

D-DRIVE BARREL H-HARD TOOL L-LARGE M-MEDIUM S-SMALL VC-VERY COARSE C-COARSE F-FINE VF-VERY FINE ____ STANDING WATER

299-E25-160
A6576

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	PLANT NS/EW	CASING ELEV / WELL DIAM / DATE COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH WATER	PERF/SCREEN TYPE	DIAM	TOP	BOT	COMMENTS / PREVIOUS WELL NAMES
299-E25-147		41591.00		130.0					GROUTED
VW		-47588.00	6.0						
			3/78						
299-E25-148		41185.00		42.0					BACKFILLED & SEALED
AB		-47769.00							
			2/81						
299-E25-149		41177.00		43.0					BACKFILLED & SEALED
AB		-47776.00							
			2/81						
299-E25-152		41195.00		42.0					BACKFILLED & SEALED
AB		-47765.00							
			2/81						
299-E25-153		40671.00		20.0					BACKFILLED
AB		-46912.00							
			5/81						
299-E25-154		40664.00		20.0					BACKFILLED
AB		-47000.00							
			5/81						
299-E25-155		40670.00		21.0					BACKFILLED
AB		-47151.00							
			5/81						
299-E25-156		40654.00		16.0					BACKFILLED
AB		-47062.00							
			5/81						
299-E25-157									BACKFILLED
AB									
299-E25-158									BACKFILLED
AB									
299-E25-159									BACKFILLED
AB									
299-E25-160		40485.00		15.0					BACKFILLED
AB		-46918.00							
			5/81						

Hanford Wells
PNL-8800 UC-903
M.A.Chamness & J.K. Merz
August 1993
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HWIS again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A6576	299-E25-160	UNKNOWN	NAD83	01/01/1801	CONVERTED	135824.487	575592.958	m	

WELL COMPLETION REPORT

Well Number 299-E25-160
Former Designation
Computer Number

SURVEY DATA

Coordinates N 40485
W 46918
Casing Elevation
Date Surveyed

COMPLETION DATA

Completion Depth 15'4"
Static Water Depth
Date Drilled 5-7-81 to 5-7-81
Date Modified to
Date Destroyed 5-7-81

DRILL METHOD

- Air Rotary ☐
- Mud Rotary ☐
- Cable Tool ☐
- Auger ☑
- Core ☐

Other

CASING DEPTH

4" -
6" -
8" -
10" -
None -

PERFORATION

Type

Depths	Schedule
-	
-	
-	

SCREEN

Type
Length
Slot Size
Depths -
-

GROUT

Interval	Volume
-	
-	
-	

ROCK SAMPLES

Interval
Analyses
Logged by G. L. Wagenaar
Data Custodian T. J. Wood
Storage Location 2101-M

WATER SAMPLES

Interval
Analyses
Data Custodian

WELL PURPOSE

Stratigraphy Identification and Radiological Assessment

COMMENTS

Hole Backfilled

WELL CUSTODIAN

Name G. L. Wagenaar
Section Earth Sciences Group
Department EA&M Rockwell

DRILL[illegible]G	EVANS	AUGER	299-[illegible]25-160	CT[illegible]07
	DATE 5-7-81		DEPTH 0 TO 15¼'	SUBCONTRACTOR THJ 1349

Best Available Copy

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
	[illegible]	SPLIT SPOON	DRY	BLOW SAND. SILTY F, MED SAND	[illegible]	SPOON
	9-16'	"	SOME MOIST.	VERY FINE TO FINE SAND	1050	"
	14 15¼'			COARSE TO VERY COARSE SAND AT 14½ FEET		
				TO VERY FINE TO FINE SAND AT 15¼'		
				TRACE OF MOISTURE IN THE VERY COARSE AND		
				COARSE SAND. VERY FINE TO FINE SAND		
				HAD MORE MOISTURE FURTHER	1115	SPOON
				BACKFILLED HOLE.		

REMARKS:

DRILL	BY	RIG	WELL NUMBER	COMPUTER NUMBER	PROJECT OR WORK ORDER NO
	Evans	Auger	E25 '60'		CT 181
	DATE 5/7/81		DEPTH 0 TO 17½		SUBCONTRACT JAJ 1349

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
				Augered down To 17½, sampled and		
				Moved Rig		
				1. 1½		
				2. 1½		
						1½

REMARKS:

299-E25-161
A6577

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	COORDINATES PLANT NS/EW	CASING ELEV / WELL DIAM / DATE COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH WATER	PERF/SCREEN TYPE	PERF/SCREEN DIAM	PERF/SCREEN TOP	PERF/SCREEN BOT	COMMENTS / PREVIOUS WELL NAMES
299-E25-161		40456.00		19.0					BACKFILLED
AB		-46932.00	5/81						
299-E25-162									BACKFILLED
AB									
299-E25-163									BACKFILLED
AB									
299-E25-164									BACKFILLED
AB									
299-E25-165		40249.00		15.0					BACKFILLED
AB		-46803.00	5/81						
299-E25-166		40175.00		15.0					BACKFILLED
AB		-46868.00	5/81						
299-E25-167		40145.00		72.0					BACKFILLED
AB		-46979.00	5/81						
299-E25-168		40093.00		20.0					BACKFILLED
AB		-47057.00	5/81						
299-E25-169		41675.00		85.0					4" LINER GROUTED
VW		-45550.00	6.0 1/66						299-E25-5A
299-E25-170		41640.00		204.0					4" LINER GROUTED
VW		-65000.00	6.0 1/66						299-E25-14, 299-E25-6A
299-E25-171		41178.00		15.0					BACKFILLED & SEALED
AB		-47777.00	12/80						
299-E25-172		41183.00		15.0					BACKFILLED & SEALED
AB		-47777.00	12/80						

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

Qu WIS again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A6577	299-E25-161	UNKNOWN	NAD83	01/01/1801	CONVERTED	135815.637	575588.717	m	

Well Number 299-E25-161
Former Designation
Computer Number

SURVEY DATA

Coordinates N 40456
W 46932
Casing Elevation
Date Surveyed

COMPLETION DATA

Completion Depth 19'
Static Water Depth
Date Drilled 5-5-81 to 5-5-81
Date Modified to
Date Destroyed 5-5-81

DRILL METHOD

- Air Rotary ☐
- Mud Rotary ☐
- Cable Tool ☐
- Auger ☑
- Core ☐

Other

CASING DEPTH

4"		
6"		
8"		
10"		
None		

PERFORATION

Type

Depths	Schedule

SCREEN

Type
Length
Slot Size
Depths

GROUT

Interval	Volume

ROCK SAMPLES

Interval
Analyses
Logged by G. L. Wagenaar
Data Custodian T. J. Wood
Storage Location 2101-M

WATER SAMPLES

Interval
Analyses
Data Custodian

WELL PURPOSE

Stratigraphy Identification and Radiological Assessment

COMMENTS

Hole Backfilled

WELL CUSTODIAN

Name G. L. Wagenaar
Section Earth Sciences Group
Department EA&M Rockwell

DRILL	BY	RIG	WELL NUMBER	COMPUTER NUMBER	PROJECT OR WORK ORDER NO.
	EVANS	AUGER	299-[illegible]5-161		CT[illegible]
	DATE 5-5-81		DEPTH 0 TO 19'		SUBCONTRACT TAJ 1349

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
	0-6"	SPLIT BARL	DRY	SILTY F, M, SAND.	1040	SAMPLE
	9½'-11'	"	MOIST	FINE, M, C, SAND.	1050	"
	14½-16'	"	"	" " " "	1315	"
	18'-19'	"	"	F, M, C, SAND ¼" TO ½" DIA. ROCKS	1330	"
				HOLE BACKFILLED.		

REMARKS:

STANDING WATER

DATE 5/5/81 | Augey | DEPTH [illegible] TO 19 | SUBCONTR [illegible] NO. JAJ [illegible] 9

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
				Augered 19' and sampling & moved Rig		
				1. 2 hr.		1
				8. 2 hr.		

REMARKS:

2

A-6000-021 (. 74)

D-DRIVE BARREL H-HARD TOOL L-LARGE M-MEDIUM S-SMALL VC-VERY COARSE C-COARSE F-FINE VF-VERY FINE ____STANDING WATER

299-E25-163
A6579

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	COORDINATES PLANT NS/EW	CASING_ELEV / WELL_DIAM / DATE_COMPL	DRILL_DEPTH / COMPL_DEPTH / DEPTH_WATER	PERF/SCREEN TYPE	PERF/SCREEN DIAM	PERF/SCREEN TOP	PERF/SCREEN BOT	COMMENTS / PREVIOUS WELL NAMES
299-E25-161		40456.00		19.0					BACKFILLED
AB		-46932.00	5/81						
299-E25-162		40452.00		15.0					BACKFILLED
AB		-46843.00	5/81						
299-E25-163		40385.00		20.0					BACKFILLED
AB		-46893.00	5/81						
299-E25-164									BACKFILLED
AB									
299-E25-165									BACKFILLED
AB									
299-E25-166									BACKFILLED
AB									
299-E25-167		40145.00		72.0					BACKFILLED
AB		-46979.00	5/81						
299-E25-168		40093.00		20.0					BACKFILLED
AB		-47057.00	5/81						
299-E25-169		41675.00		85.0					4" LINER GROUTED
VW		-45550.00	6.0 1/66						299-E25-5A
299-E25-170		41640.00		204.0					4" LINER GROUTED
VW		-65000.00	6.0 1/66						299-E25-14, 299-E25-6A
299-E25-171		41178.00		15.0					BACKFILLED & SEALED
AB		-47777.00	12/80						
299-E25-172		41183.00		15.0					BACKFILLED & SEALED
AB		-47777.00	12/80						

Hanford Wells

PNL-8800 UC-903

M.A.Chamness & J.K. Merz

August 1993

Prepared for U.S. Dept of Energy under

Contract DE-AC06-76RLO 1830

Pacific NW Lab by Battelle Memorial Institute

Qu HWIS again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A6579	299-E25-163	UNKNOWN	NAD83	01/01/1801	CONVERTED	135794.03	575600.659	m	

WELL COMPLETION REPORT

Well Number 299-E25-163
Former Designation
Computer Number

SURVEY DATA

Coordinates N 40385
W 46893
Casing Elevation
Date Surveyed

COMPLETION DATA

Completion Depth 20½'
Static Water Depth
Date Drilled 5-8-81 to 5-8-81
Date Modified to
Date Destroyed 5-8-81

DRILL METHOD

- Air Rotary ☐
- Mud Rotary ☐
- Cable Tool ☐
- Auger ☑
- Core ☐

Other

CASING DEPTH

4" -
6" -
8" -
10" -
None -
-
-

PERFORATION

Type

Depths	Schedule
-	
-	
-	

SCREEN

Type
Length
Slot Size
Depths -
-

GROUT

Interval	Volume
-	
-	
-	

ROCK SAMPLES

Interval
Analyses
Logged by G. L. Wagenaar
Data Custodian T. J. Wood
Storage Location 2101-M

WATER SAMPLES

Interval
Analyses
Data Custodian

WELL PURPOSE

Stratigraphy Identification
and Radiological Assessment

COMMENTS

Hole Backfilled

WELL CUSTODIAN

Name G. L. Wagenaar
Section Earth Sciences Group
Department EA&M Rockwell

DRI[illegible] DG	BY Evans	RIG	WELL NUMBER 25-25-163	CONTRACTOR CT1807
	DATE 5-8-81	Auger	DEPTH 0 TO 20½	JA & Bob

Best Available Copy

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
	0-3'	SPIT BARREL	SAME MOIST	SILTY CLAY TO MEDIUM SAND SURFACE HOLE DEMOLITION		
				DITCH EXCAVATION.	1501	SAMPLE
	4½-5½	"	"	VERY FINE TO FINE TO MEDIUM SAND	1535	"
	4½-10½	"	"	SILTY, VERY FINE, FINE, MEDIUM SAND	1545	"
	[illegible]			[illegible]		
	[illegible]			[illegible]		
	[illegible]			[illegible]		
	[illegible]	5-11-81		[illegible]		
	[illegible]			[illegible]		
	[illegible]			[illegible]		
				HOLE BACKFILLED		

REMARKS:

A-6000-021 (1-74)

D-DRIVE BARREL H-HARD TOOL L-LARGE M-MEDIUM S-SMALL VC-VERY COARSE C-COARSE F-FINE VF-VERY FINE ____STANDING WATER

DRI[illegible] OG	Evans	Auger	E2[illegible] '43	CT 07
	DATE 5/8/81		DEPTH 0 TO 10'	SUBCONT[illegible] JAJ 1.19

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
				Auger down to 10' & sampling		
				1. 1h.		
				3. 1h.		
				8. 1		

REMARKS:

2

A-6000-021 (1-74)

D-DRIVE BARREL H-HARD TOOL L-LARGE M-MEDIUM S-SMALL VC-VERY COARSE C-COARSE F-FINE VF-VERY FINE

DRI[illegible] OG

Evans | Auger | 52[illegible]163 | [illegible]607

DATE 3/11/81 | DEPTH 16 TO 20' | SUB CONTR[illegible] NO. JAJ 19

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
				Augered down to 20' sampling		
				Tore Rig down and moved		
				went to pipe yard and picked up 13'		
				of 8" pipe		
				1. 2 hr.		
				2. 2 hr.		

REMARKS:

2

A-6000-021 (1-74)

D-DRIVE BARREL H-HARD TOOL L-LARGE M-MEDIUM S-SMALL VC-VERY COARSE C-COARSE F-FINE VF-VERY FINE ____ STANDING WATER

299-E25-171
A6586

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	COORDINATES PLANT NS/EW	CASING ELEV / WELL DIAM / DATE COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH WATER	PERF/SCREEN TYPE	PERF/SCREEN DIAM	PERF/SCREEN TOP	PERF/SCREEN BOT	COMMENTS / PREVIOUS WELL NAMES
299-E25-161		40456.00		19.0					BACKFILLED
AB		-46932.00	5/81						
299-E25-162		40452.00		15.0					BACKFILLED
AB		-46843.00	5/81						
299-E25-163		40385.00		20.0					BACKFILLED
AB		-46893.00	5/81						
299-E25-164		40317.00		20.0					BACKFILLED
AB		-46846.00	5/81						
299-E25-165		40249.00		15.0					BACKFILLED
AB		-46803.00	5/81						
299-E25-166		40175.00		15.0					BACKFILLED
AB		-46868.00	5/81						
299-E25-167		40145.00		72.0					BACKFILLED
AB		-46979.00	5/81						
299-E25-168		[illegible]							BACKFILLED
AB									
299-E25-169									4" LINER GROUTED
VW									299-E25-5A
299-E25-170									4" LINER GROUTED
VW									299-E25-14, 299-E25-6A
299-E25-171		41178.00		15.0					BACKFILLED & SEALED
AB		-47777.00	12/80						
299-E25-172		41183.00		15.0					BACKFILLED & SEALED
AB		-47777.00	12/80						

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

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFI
A6586	299-E25-171	UNKNOWN	NAD83	01/01/1801	CONVERTED	136034.985	575330.661	m	

Well Number 299-E25-171
Former Designation AUS-BC #1 341-A
Computer Number

SURVEY DATA

Coordinates N 41178
W 47777
Casing Elevation
Date Surveyed

COMPLETION DATA

Completion Depth 15'
Static Water Depth
Date Drilled 12-19-80 to 12-19-80
Date Modified to
Date Destroyed 12-19-80

DRILL METHOD

- [ ] Air Rotary
- [ ] Mud Rotary
- [ ] Cable Tool
- [x] Auger
- [ ] Core

Other

CASING DEPTH

4" -
6" -
8" -
10" -
None -
- -
- -

PERFORATION

Type

Depths	Schedule
-	
-	
-	

SCREEN

Type
Length
Slot Size
Depths -
-

GROUT

Interval	Volume
-	
-	
-	

ROCK SAMPLES

Interval
Analyses
Logged by G. L. Wagenaar
Data Custodian T. J. Wood
Storage Location 2101-M

WATER SAMPLES

Interval
Analyses
Data Custodian

WELL PURPOSE

Stratigraphy Identification and Radiological Assessment

COMMENTS

Hole Backfilled AND SEALED WITH BENTONITE.

WELL CUSTODIAN

Name G. L. Wagenaar
Section Earth Sciences Group
Department EA&M Rockwell

DRILL	BINGHAM	AUGER	AUGER / 47777	CT-100
	DATE 12-19-80		DEPTH TO	SUBCONTR

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
	2'	AUGER	MOIST	M BROWN ~~SILTY~~ SAND 20% COBBLES	1045	
	4'	"	MOIST	" "	1100	
	6'	"	MOIST	" " BACKFILL	1115	
	8'	"	M	" " BACKFILL	1130	SAMPLE
	10'	"	"	" " "	1200	DRIVING
	12	"	"	" " "	1210	
	15'			" " "	1230	
				HOLE BACKFILLED AND SEALED WITH		
				BENTONITE.		

REMARKS:

A-6000-021 (1-74)

D—DRIVE BARREL H—HARD TOOL L—LARGE M—MEDIUM S—SMALL VS—VERY COARSE C—COARSE

299-E25-172
A6587

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	PLANT NS/EW	CASING ELEV / WELL DIAM / DATE COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH WATER	PERF/SCREEN TYPE	DIAM	TOP	BOT	COMMENTS / PREVIOUS WELL NAMES
299-E25-161		40456.00		19.0					BACKFILLED
AB		-46932.00	5/81						
299-E25-162		40452.00		15.0					BACKFILLED
AB		-46843.00	5/81						
299-E25-163		40385.00		20.0					BACKFILLED
AB		-46893.00	5/81						
299-E25-164		40317.00		20.0					BACKFILLED
AB		-46846.00	5/81						
299-E25-165		40249.00		15.0					BACKFILLED
AB		-46803.00	5/81						
299-E25-166		40175.00		15.0					BACKFILLED
AB		-46868.00	5/81						
299-E25-167		40145.00		72.0					BACKFILLED
AB		-46979.00	5/81						
299-E25-168		40093.00		20.0					BACKFILLED
AB		-47057.00	5/81						
299-E25-169									4" LINER GROUTED
VW									299-E25-5A
299-E25-170									4" LINER GROUTED
VW									299-E25-14, 299-E25-6A
299-E25-171									BACKFILLED & SEALED
AB									
299-E25-172		41183.00		15.0					BACKFILLED & SEALED
AB		-47777.00	12/80						

Hanford Wells

PNL-8800 UC-903

M.A.Chamness & J.K. Merz

August 1993

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Pacific NW Lab by Battelle Memorial Institute

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A6587	299-E25-172	UNKNOWN	NAD83	01/01/1801	CONVERTED	136036.509	575330.656	m	

Well Number 239-E25-172
Former Designation Auger #2 241-A
Computer Number

SURVEY DATA

Coordinates N41183
W47777
Casing Elevation
Date Surveyed

COMPLETION DATA

Completion Depth 14' 9"
Static Water Depth
Date Drilled 12-19-80 to 12-19-80
Date Modified to
Date Destroyed 12-19-80

DRILL METHOD

- Air Rotary ☐
- Mud Rotary ☐
- Cable Tool ☐
- Auger ☑
- Core ☐

Other

CASING DEPTH

4"	-	
6"	-	
8"	-	
10"	-	
None	-	
	-	
	-	

PERFORATION

Type

Depths	Schedule
-	
-	
-	

SCREEN

Type
Length
Slot Size
Depths -
-

GROUT

Interval	Volume
-	
-	
-	

ROCK SAMPLES

Interval
Analyses
Logged by G. L. Wagenaar
Data Custodian T. J. Wood
Storage Location 2101-M

WATER SAMPLES

Interval
Analyses
Data Custodian

WELL PURPOSE

Stratigraphy Identification and Radiological Assessment

COMMENTS

Hole Backfilled AND SEALED WITH BENTONITE.

WELL CUSTODIAN

Name G. L. Wagenaar
Section Earth Sciences Group
Department EA&M Rockwell

DRILLING

BINGHAM | DATE 12-19-80 | PLUGGED | 101.4 | DEPTH 47.77 TO | SUBCONTRACT NO.

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
0	1'	HAND	MOIST	MED FINE BROWN SAND - 10% Bentonite 800 cpm	1:50	SURFACE CONTAC
	4'	AUGER	MOIST	"	2:10	VERY SOFT
	6'	"	"	" " "	2:25	" "
	8'	"	"	" " " ROCK IN END OF SAMPLER	2:40	" "
	10'	"	"	" " "	2:45	
	12'	"	"	" " "	2:50	VERY SOFT
	14'		MOIST	MED FINE SAND 3500 cpm	3:00	
	14.9'			30,000 cpm / 28 mR/hr	3:10	
				HOLE BACK FILLED AND SEALED		
				WITH BENTONITE.		

REMARKS:

A 6000 021 (1-74) D-DRIVE BARREL H-HAND TOOL L-LARGE M-MEDIUM S-SMALL VC-VERY COARSE C-COARSE F-FINE VF-VERY FINE STANDING WATER

299-E25-194
A6600

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	COORDINATES PLANT NS/EW	CASING ELEV / WELL DIAM / DATE COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH WATER	PERF/SCREEN TYPE	PERF/SCREEN DIAM	PERF/SCREEN TOP	PERF/SCREEN BOT	COMMENTS / PREVIOUS WELL NAMES
299-E25-194 AB		40680.00 -46940.00	12/82	12.0					BACKFILLED
299-E25-				0					BACKFILLED
299-E25-				.0					BACKFILLED
299-E25-				.0					FILLED
299-E25-198 AB		40680.00 -46700.00	12/82	5.0					BACKFILLED
299-E25-199 AB		40690.00 -46940.00	12/82	12.0					BACKFILLED
299-E25-202 AB		40690.00 -46760.00	12/82	12.0					BACKFILLED
299-E25-203 AB		40670.00 -46700.00	12/82	12.0					BACKFILLED
299-E25-204 VW		41187.00 -47768.00	6.0 1/84	45.0					GROUTED
299-E25-205 AB		41490.00 -46680.00	2/84	25.0					BACKFILLED
299-E25-206 AB		41580.00 -46200.00	2/84	25.0					BACKFILLED
299-E25-207 AB		41630.00 -45925.00	2/84	25.0					BACKFILLED

Hanford Wells

PNL-8800 UC-903

M.A.Chamness & J.K. Merz

August 1993

Prepared for U.S. Dept of Energy under

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Pacific NW Lab by Battelle Memorial Institute

IWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A6600	299-E25-194	UNKNOWN	NAD83	01/01/1801	CONVERTED	135883.898	575586.092	m	

Well Number 299-E 25-194
Former Designation
Computer Number

SURVEY DATA

Coordinates N 40680
W 46940
Casing Elevation
Date Surveyed

COMPLETION DATA

Completion Depth 12½'
Static Water Depth
Date Drilled 12-8-82 to 12-9-82
Date Modified to
Date Destroyed 12-9-82

DRILL METHOD

- Air Rotary ☐
- Mud Rotary ☐
- Cable Tool ☐
- Auger ☑
- Core ☐

Other

CASING DEPTH

4" -
6" -
8" -
10" -
None -
- -
- -

PERFORATION

Type

Depths	Schedule
-	
-	
-	

SCREEN

Type
Length
Slot Size
Depths -
-

GROUT

Interval	Volume
-	
-	
-	

ROCK SAMPLES

Interval
Analyses
Logged by G. L. Wagenaar
Data Custodian T. J. Wood
Storage Location 2101-M

WATER SAMPLES

Interval
Analyses
Data Custodian

WELL PURPOSE

Stratigraphy Identification
and Radiological Assessment

COMMENTS

HOLE BACKFILLED

WELL CUSTODIAN

Name G. L. Wagenaar
Section Earth Sciences Group
Department EA&M Rockwell

DRILLING	BY J. EVANS	RIG AUGER	24[illegible] F25-194	SUBCONTRACTOR JAJ. '68
	DATE 12-9-82		DEPTH 0' TO 12½'	

Best Available Copy

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
	0-6"	AUGER	M	ROOTS AND SILTY FILL	1400	
	½'-3½'	"	"	FINE SAND	1400	
	3½'-5½'	"	"	VFS-FS.	1410	
	5½'-6½'	"	"	VFS-FS, SILT	1410	
	6½'-9'	"	WET	SILT LENS Very moist silty fine sand at 7½'. Very fine sand, f.s., silt.	1420	
	9'-10'	"	M	Fine to medium sand	1425	
	10'-11'	"	"	" " " "	1435	
	11'-12'	"	WET	Silt lens, fine to med. sand	1445	
	12½'	"	M	Medium to coarse sand	1510	
				No contamination detected with field instru.		
				Hole backfilled		
				4 hrs - Auger drilling		
						4 hrs Total

REMARKS:

A-6000-021 (1 74) D-DRIVE BARREL H-HARD TOOL L-LARGE M-MEDIUM S-SMALL VC-VERY COARSE C-COARSE F-FINE VF-VERY FINE ____ STANDING WATER

299-E25-195
A6601

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	COORDINATES PLANT NS/EW	CASING ELEV / WELL DIAM / DATE_COMPL	DRILL_DEPTH / COMPL_DEPTH / DEPTH_WATER	PERF/SCREEN TYPE	PERF/SCREEN DIAM	PERF/SCREEN TOP	PERF/SCREEN BOT	COMMENTS / PREVIOUS WELL NAMES
299-E25-194		40680.00		12.0					BACKFILLED
AB		-46940.00	12/82						
299-E25-195		40680.00		12.0					BACKFILLED
AB		-46880.00	12/82						
299-E25-196									BACKFILLED
AB									
299-E25-197									FILLED
AB									
299-E25-198									BACKFILLED
AB			--, --						
299-E25-199		40690.00		12.0					BACKFILLED
AB		-46940.00	12/82						
299-E25-202		40690.00		12.0					BACKFILLED
AB		-46760.00	12/82						
299-E25-203		40670.00		12.0					BACKFILLED
AB		-46700.00	12/82						
299-E25-204		41187.00		45.0					GROUTED
VW		-47768.00	6.0 1/84						
299-E25-205		41490.00		25.0					BACKFILLED
AB		-46680.00	2/84						
299-E25-206		41580.00		25.0					BACKFILLED
AB		-46200.00	2/84						
299-E25-207		41630.00		25.0					BACKFILLED
AB		-45925.00	2/84						

Hanford Wells

PNL-8800 UC-903

M.A.Chamness & J.K. Merz

August 1993

Prepared for U.S. Dept of Energy under

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Pacific NW Lab by Battelle Memorial Institute

IWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A6601	299-E25-195	UNKNOWN	NAD83	01/01/1801	CONVERTED	135883.947	575604.372	m	

Well Number 299-E25-195
Former Designation
Computer Number

SURVEY DATA

Coordinates N 40 680
W 46 880
Casing Elevation
Date Surveyed

COMPLETION DATA

Completion Depth 12 1/2'
Static Water Depth
Date Drilled 12-10-82 to 12-10-82
Date Modified to
Date Destroyed 12-10-82

DRILL METHOD

- Air Rotary ☐
- Mud Rotary ☐
- Cable Tool ☐
- Auger ☑
- Core ☐

Other

CASING DEPTH

4"	-	
6"	-	
8"	-	
10"	-	
None	-	
	-	
	-	

PERFORATION

Type

Depths	Schedule
-	
-	
-	

SCREEN

Type
Length
Slot Size
Depths -
-

GROUT

Interval	Volume
-	
-	
-	

ROCK SAMPLES

Interval
Analyses
Logged by
Data Custodian
Storage Location

WATER SAMPLES

Interval
Analyses
Data Custodian

WELL PURPOSE

STRATIGRAPHY / IDENTIFICATION AND RADIOLOGICAL ASSESSMENT.

COMMENTS

HOLE BACKFILLED.

L

WELL CUSTODIAN

Name G. WAGENMAN
Section EARTH SCIENCE GROUP
Department E.P. & M. / ROCKWELL

DRILL LOG

J. EVANS | DATE 12-10-82 | HUBER LIC | 24"-EVS-195 | DEPTH 0 TO 12½' | SUBCONTRACTOR JA. 1468

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
	0'-3"	AUGER	M	ROOTS, SILTY FINE SAND	0914	
	0'-2½'	"	"	SILTY FINE MEDIUM SAND, RUSTY LOOKING.	0920	
	2½'-5'	"	"	SILTY, VF, M SAND, TO 4½'. (RUSTY) SILT + VF. SAND AT 4½ TO 5'. (VERY MOIST LAST 2½')	0940	
	5'-7½'	"	V.M.	5' TO 6' VERY MOIST SILT. SILTY TO MEDIUM SAND 6' TO 7½'	0955	
	7½'-10'	"	M	FINE, MEDIUM SAND.	1030	
	10'-12½'	"	V.M.	COARSE SAND AT 10½'. SILT LENS FROM 10½ TO 11½'. (VMOIST) M TO F SAND 11½' TO 12½'	1050	
				(NO CONTAMINATION)		
				HOLE BACKFILLED	1100	
				3 hrs - AUGER DRILLING		

REMARKS:

3 hrs

A-6000-021 (1-

D-DRIVE BARREL H-HARD TOOL L-LARGE M-MEDIUM S-SMALL VC-VERY COARSE C-COARSE F-FINE VF-VERY FINE ____STANDING WATER

299-E25-199
A6605

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	COORDINATES PLANT NS/EW	CASING ELEV / WELL DIAM / DATE_COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH_WATER	PERF/SCREEN TYPE	PERF/SCREEN DIAM	PERF/SCREEN TOP	PERF/SCREEN BOT	COMMENTS / PREVIOUS WELL NAMES
299-E25-194		40680.00		12.0					BACKFILLED
AB		-46940.00	12/82						
299-E25-195		40680.00		12.0					BACKFILLED
AB		-46880.00	12/82						
299-E25-196		40680.00		12.0					BACKFILLED
AB		-46820.00	12/82						
299-E25-197		40680.00		12.0					FILLED
AB		-46760.00	12/82						
299-E25-198		40680.00		5.0					BACKFILLED
AB		-46700.00	12/82						
299-E25-199		40690.00		12.0					BACKFILLED
AB		-46940.00	12/82						
299-				12.0					BACKFILLED
299-				12.0					BACKFILLED
299-				45.0					GROUTED
			[illegible]						
299-E25-205		41490.00		25.0					BACKFILLED
AB		-46680.00	2/84						
299-E25-206		41580.00		25.0					BACKFILLED
AB		-46200.00	2/84						
299-E25-207		41630.00		25.0					BACKFILLED
AB		-45925.00	2/84						

Hanford Wells

PNL-8800 UC-903

M.A.Chamness & J.K. Merz

August 1993

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WIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A6605	299-E25-199	UNKNOWN	NAD83	01/01/1801	CONVERTED	135886.946	575586.083	m	

Well Number 299-E25-199
Former Designation
Computer Number

SURVEY DATA

Coordinates N 40690
W 46940
Casing Elevation
Date Surveyed

COMPLETION DATA

Completion Depth 12 1/2'
Static Water Depth
Date Drilled 12-14-82 to 12-14-82
Date Modified to
Date Destroyed 12-14-82

DRILL METHOD

- Air Rotary ☐
- Mud Rotary ☐
- Cable Tool ☐
- Auger ☑
- Core ☐

Other

CASING DEPTH

4" -
6" -
8" -
10" -
None -

PERFORATION

Type

Depths	Schedule
-	
-	
-	

SCREEN

Type
Length
Slot Size
Depths -
-

GROUT

Interval	Volume
-	
-	
-	

ROCK SAMPLES

Interval
Analyses
Logged by J EVANS
Data Custodian G. WAGENAAR
Storage Location 2101-M

WATER SAMPLES

Interval
Analyses
Data Custodian

WELL PURPOSE

STRATIGRAPHY IDENTIFICATION AND GEOLOGICAL ASSESSMENT.

COMMENTS

HOLE BACKFILLED

WELL CUSTODIAN

Name G. L. Wagenaar
Section Earth Sciences Group
Department EA&M Rockwell

DRIL	BY J. Elms	RIG Auger	WELL NUMBER 28 [redacted]	COMPUTER NUMBER [redacted]	[redacted] ORDER NO. [redacted]
	DATE 12-14-82		DEPTH 0 TO 12½		CONTRACT JAJ 468

Best Available Copy

TOTAL CASING	DEPTH	DRILLING METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
	0"–6"	Auger	M	Silty Fill, F S, M, some coarses	1000	
	6"–2½'	"	M	Fine, medium sand	1020	
	2½–5'	"	M	" " "	1040	
	5'–7½	"	M	" " "	1050	
	7½–10'	"	M	Silt lens 8½' Medium sand 10'	1100	
	10'–12½'	"	VM	Silt lens 11½'. Fm sand Med. sand 12½'	1110	
				No Contamination.		
				Hole backfilled		
				4 hrs Auger Drilling		
					4 hrs	

REMARKS:

A-6000-021 (1-74) D-DRIVE BARREL H-HARD TOOL L-LARGE M-MEDIUM S-SMALL VC-VERY COARSE C-COARSE F-FINE VF-VERY FINE STANDING WATER

299-W15-101
A7400

WELL ATTRIBUTES REPORT

WELL ID	A7400	**NORTHING**	135619.526	**FIELD ORDER NO**	
WELL NAME	299-W15-101	**EASTING**	566772.951	**LAST INSPECTION**	1/1/1801
ST WELL ID		**ELEVATION**	202.234	**CONST DATE**	1/31/1967
W OPERABLE UNIT	200-ZP-1	**DRILL DATE**	1/31/1967	**CONST DEPTH**	50
PROGRAMS					
WASTE SITES 50FT	216-Z-9				
WM PLAN(S)					
WASTE STORAGE(S)					

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

LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	☐ INSTALLED ☑ ND ☐ INSPECTED ☐ NONE ☐ REMOVED ☐ REPLACED ☐ REPAIRED	PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ INSPECTED ☐ NONE ☐ REMOVED ☐ REPLACED ☐ REPAIRED
ACTIVITY PEFORMED BY		ACTIVITY PEFORMED BY	
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED	__/__/__
PUMP IN WELL	☐ YES ☐ NO ☑ ND	PUMP IN WELL	☐ YES ☐ NO
PUMP TESTED	☐ YES ☐ NO ☑ ND	PUMP TESTED	☐ YES ☐ NO
NEW PUMP	☐ YES ☐ NO ☑ ND	NEW PUMP	☐ YES ☐ NO
PUMP TYPE		PUMP TYPE	
PUMP MAKE		PUMP MAKE	
PUMP MODEL		PUMP MODEL	
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)	

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

LAST MEASUREMENT INFORMATION		CURRENT MEASUREMENT INFORMATION	
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)	
EPTH TO WATER DATE		DEPTH TO WATER DATE	__/__/__
EPTH TO BOTTOM(ft)	46	DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE	__/__/__
STICK UP(ft)		STICK UP(ft)	
REFERENCE MARK(ft)		REFERENCE MARK(ft)	
REFERENCE MARK IS TOC	☐ YES ☐ NO ☑ ND	REFERENCE MARK IS TOC	☐ YES ☐ NO

ND* - Not Documented

WELL ATTRIBUTES REPORT

WELL ID	A7400	**NORTHING**	135619.526	**FIELD ORDER NO**	
WELL NAME	299-W15-101	**EASTING**	566772.951	**LAST INSPECTION**	1/1/1801
)ST WELL ID		**ELEVATION**	202.234	**CONST DATE**	1/31/1967
W OPERABLE UNIT	200-ZP-1	**DRILL DATE**	1/31/1967	**CONST DEPTH**	50
PROGRAMS					
WASTE SITES 50FT	216-Z-9				
WM PLAN(S)					
WASTE STORAGE(S)					

WELL ATTRIBUTE COMMENTS

CASING INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED
8/in	0/50/ft	CARBON STEEL	INNER			N

CHANGES

SCREEN INFORMATION

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

CHANGES

PERFORATION INFORMATION

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

CHANGES

ND* - Not Documented

06/23/06 - PFP Rad personnel conduct annual check inside 216-Z-9A bldg. See comments on next page.

There is no A7400 inside 216-Z-9A

WELL ATTRIBUTES REPORT

FIELD ORDER NO				LAST INSPECTION	
WELL ID	A7400	DRILL DATE		NORTHING	135619.526
WELL NAME	299-W15-101	CONST DATE		EASTING	526722.951
HOST WELL ID		CONST DEPTH		ELEVATION	

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	☐ YES ☐ NO ☐ ND*	WELL PAD	☐ YES ☐ NO
BRASS SURVEY MARKER	☐ YES ☐ NO ☐ ND*	BRASS SURVEY MARKER	☐ YES ☐ NO
MARKER STAMPED WITH SURVEY DATA	☐ YES ☐ NO ☐ ND*	MARKER STAMPED WITH SURVEY DATA	☐ YES ☐ NO
MARKER STAMPED WITH WELL ID DATA	☐ YES ☐ NO ☐ ND*	MARKER STAMPED WITH WELL ID DATA	☐ YES ☐ NO
WELL LABELED WITH WELL ID	☐ YES ☐ NO ☐ ND*	WELL LABELED WITH WELL ID	☐ YES ☐ NO
WELL LABELED WITH WELL NAME	☐ YES ☐ NO ☐ ND*	WELL LABELED WITH WELL NAME	☐ YES ☐ NO
PROTECTIVE POSTS	☐ YES ☐ NO ☐ ND*	PROTECTIVE POSTS	☐ YES ☐ NO
REMOVABLE POST IN PLACE	☐ YES ☐ NO ☐ ND*	REMOVABLE POST IN PLACE	☐ YES ☐ NO
WELL LOCK	☐ YES ☐ NO ☐ ND*	WELL LOCK	☐ YES ☐ NO
WELL DAMAGED	☐ YES ☐ NO ☐ ND*	WELL DAMAGED	☐ YES ☐ NO
WELL IS DRY	☐ YES ☐ NO ☐ ND*	WELL IS DRY	☐ YES ☐ NO
PARTED CASING	☐ YES ☐ NO ☐ ND*	PARTED CASING	☐ YES ☐ NO
BENTONITE IN WELL	☐ YES ☐ NO ☐ ND*	BENTONITE IN WELL	☐ YES ☐ NO
WELL SANDED IN	☐ YES ☐ NO ☐ ND*	WELL SANDED IN	☐ YES ☐ NO
COLLAPSED CASING	☐ YES ☐ NO ☐ ND*	COLLAPSED CASING	☐ YES ☐ NO
EQUIPMENT IN WELL	☐ YES ☐ NO ☐ ND*	EQUIPMENT IN WELL	☐ YES ☐ NO
DEBRIS IN WELL	☐ YES ☐ NO ☐ ND*	DEBRIS IN WELL	☐ YES ☐ NO

LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ REPLACED ☐ REMOVED ☐ ND*	PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ REPLACED ☐ REMOVED
PUMP TESTED	☐ YES ☐ NO ☐ ND*	PUMP TESTED	☐ YES ☐ NO
NEW PUMP	☐ YES ☐ NO ☐ ND*	NEW PUMP	☐ YES ☐ NO
ACTIVITY PEFORMED BY		ACTIVITY PEFORMED BY	TLHoffa
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED	06/12/06
PUMP TYPE		PUMP TYPE	N/A
PUMP MAKE		PUMP MAKE	
PUMP MODEL		PUMP MODEL	
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)	
TUBING SIZE (in)		TUBING SIZE (in)	
TUBING MATERIAL		TUBING MATERIAL	
TUBING LENGTH (ft)		TUBING LENGTH (ft)	
TUBING CONNECTION		TUBING CONNECTION	N/A

ND* - Not Documented
BHI-EE-231 (02/20/02)

WELL ATTRIBUTES REPORT

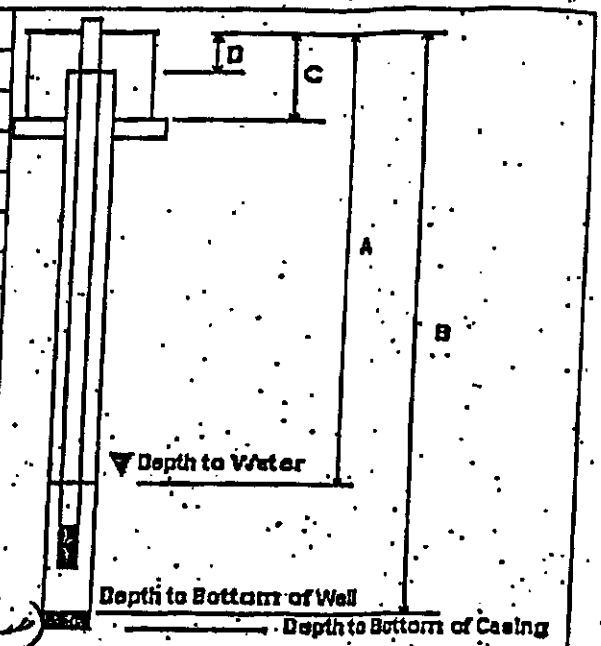
FIELD ORDER NO
WELL ID: A7400
WELL NAME: 299-W15-101
HOST WELL ID

DRILL DATE
CONST DATE
CONST DEPTH

LAST INSPECTION
NORTHING: 135619.526
EASTING: 566772.957
ELEVATION

MEASUREMENT INFORMATION

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



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

PERFORATION INFORMATION

CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND

COMMENTS
CHANGES: An annual survey was conducted inside PFP 216-Z-9A bldg. Rad con personnel only check for possible fall injuries or contamination. Bird report to Kendall Reynolds (Supervisor of operations)

CASING INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS

CHANGES: Well is inside 216-Z9A Bld

SCREEN INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE

COMMENTS
~~CHANGES~~ to check bldg for 6" 8" etc cog (drill tip). During this Routine & survey check I the well cog was located on the surface (floor) inside bldg. This is on slab on grade cement floor. Drill bits have been decontaminated during the building process.

ND* - Not Documented
BHI-EE-231 (02/20/02)

1/24/2003

BEST AVAILABLE COPY

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	COORDINATES PLANT NS/EW	CASING ELEV / WELL DIAM / DATE COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH WATER	PERF/SCREEN TYPE	PERF/SCREEN DIAM	PERF/SCREEN TOP	PERF/SCREEN BOT	COMMENTS / PREVIOUS WELL NAMES
299-W15-96		42446.00	672.00	70.0					
VW		-75933.00	6.0	70.0					
			1/61						
299-W15-97		42355.00	672.00	70.0					
VW		-75936.00	2.0	70.0					
			12/60						
299-W15-98		42395.00	672.00	70.0					
VW		-75905.00	2.0	70.0					
			1/61						
299-W15-99		42364.00	672.00	70.0					
VW		-75922.00	2.0	70.0					
			12/60						
299-W15-100		42377.00	672.00	70.0					
VW		-75910.00	2.0	70.0					
			12/60						
299-W15-101		39890.00	660.00	50.0					
VW		-75860.00	6.0	46.0					
			1/67						
299-W15-102									
VW									
299-W15-103									
VW									
299-W15-104									
VW									
			9/70						
299-W15-105		41898.00	670.59	100.0					
VW		-75863.00	6.0	101.0					
			9/70						
299-W15-106		41866.00	670.20	100.0					
VW		-75908.00	6.0	101.0					
			9/70						
299-W15-107		41813.00	670.21	100.0					
VW		-75978.00	6.0	101.0					
			9/70						

Hanford Wells

PNL-8800 UC-903

M.A.Chamness & J.K. Merz

August 1993

Prepared for U.S. Dept of Energy under

Contract DE-AC06-76RLO 1830

Pacific NW Lab by Battelle Memorial Institute

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFI
A7400	299-W15-101	UNKNOWN	NAD83	01/01/1801	CONVERTED	135619.526	566772.951	m	

Query HWIS again

MIS Interface - Well History Information - Drilling

_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE	DATE_
7400	299-W15-101	01/31/1967		50	ft			

216-Z9A

WELL CONSTRUCTION AND COMPLETION SUMMARY

Drilling Method: Cable tool
Drilling Fluid Used: Not documented
Driller's Name: Bigham
Drilling Company: Hatch Drilling Co
Date Started: 16Jan67

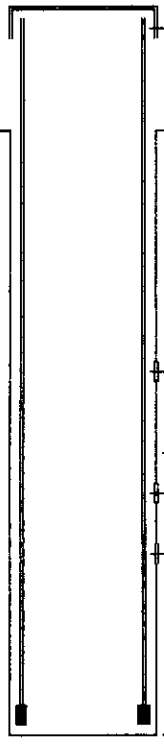
Sample Method: Hard tool (nom)
Additives Used: Not documented
WA State Lic Nr: Not documented
Company Location: Pasco, WA
Date Complete: Not documented

WELL NUMBER: 299-W15-101
TEMPORARY WELL NO:
Hanford Coordinates: N/S N 39,890 E/W W 75,860
State Coordinates: N 444,997 E 2,219,363
Start Card #: Not documented T R S
Elevation Ground surface (ft): Not documented

Depth to water: Not applicable

GENERALIZED STRATIGRAPHY — Driller's Log

0-5: Fine SAND-SILT
5-10: Fine SAND-SILT-some small GRAVEL
10-20: Coarse SAND-pea GRAVEL
20-25: Coarse SAND-pea GRAVEL, little SILT
25 : Nedium SAND & SILT, with GRAVEL to 3-in.
25-50: Not documented



Elevation of reference point: [660.00-ft]
(top of casing)
Height of reference point above ground surface [ND]
Depth of surface seal [ND]
Type of surface seal: None documented
I.D. of surface casing (If present) [ND]
I.D. of riser pipe: [8-in]
Type of riser pipe: Carbon steel
Diameter of borehole: [9-in nom]
Type of filler: Not documented
Elevation/depth top of seal
Type of seal: Not documented
No perforations documented:
Depth bottom of casing
Depth bottom of borehole: [50-ft]

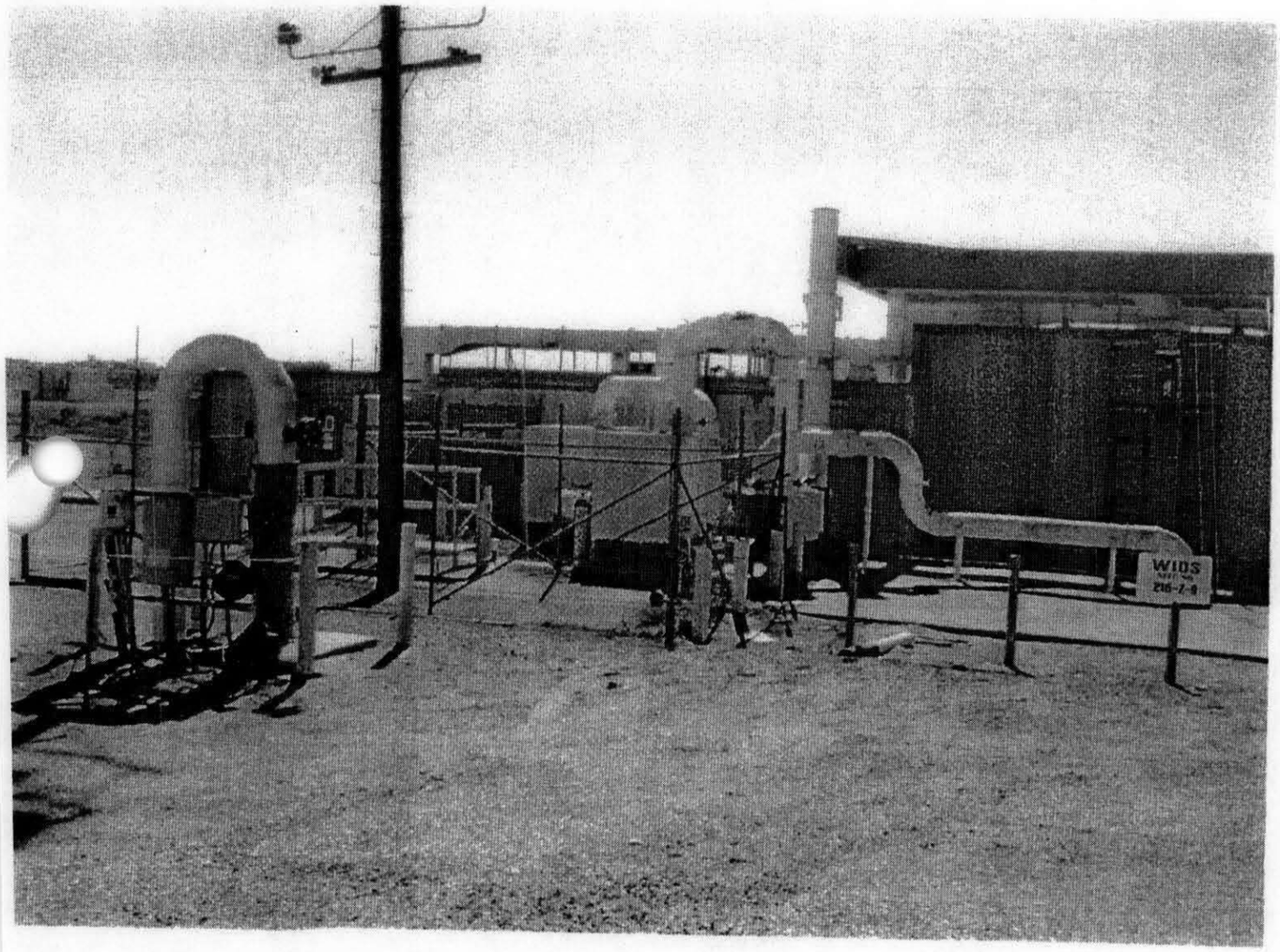
Drawing By: RKL/2W15-101.ASB Date: 09Dec92
Reference:

SUMMARY OF CONSTRUCTION DATA AND FIELD OBSERVATIONS
RESOURCE PROTECTION WELL - 299-W15-101

WELL DESIGNATION	:	299-W15-101
CERCLA UNIT	:	
HANFORD COORDINATES	:	N 39,890 W 75,860
LAMBERT COORDINATES	:	N 444,997 E 2,219,363
DATE DRILLED	:	Not documented
DEPTH DRILLED (GS)	:	50-ft
MEASURED DEPTH (GS)	:	Not documented
DEPTH TO WATER (GS)	:	Not applicable
CASING DIAMETER	:	8-in carbon steel, ND-50-ft
ELEV TOP CASING	:	660.00-ft
ELEV GROUND SURFACE	:	Not documented
PERFORATED INTERVAL	:	None documented
SCREENED INTERVAL	:	Not applicable
COMMENTS	:	FIELD INSPECTION,
		OTHER:
AVAILABLE LOGS	:	Driller
TV SCAN COMMENTS	:	
DATE EVALUATED	:	
EVAL RECOMMENDATION	:	
LISTED USE	:	
PUMP TYPE	:	
MAINTENANCE	:	

NON ROUTINE MAINT

3/20/03
A7400



3/18/03 East side of 216-Z-9 crib

Looking for A7400 / 299-W15-101

Possible location under blue structure

J

Best Available Co

Z 1115 1

DRILLING LO

PROJECT NO.

RIG NO.	WELL NO.	DATE	DEPTH BEGINNING OF SHIFT
2211	1115-101 299-15-9/A	1-16-67	0'
DRILLER	FOREMAN	SHIFT	DEPTH COMPLETION OF SHIFT
Bigham	Hatch		25'

DRILLING TIME	DRILLING DEPTH	CORING TIME	CORING DEPTH	TYPE SOIL	OTHER DELAYS TIME	EXPLANATION
09:30						Started drilling
9:35	5'	Fine sand & silt - moist				Sample
9:40	10'	Fine sand & silt, few small gravels - moist - Sample				
9:55	18'	Coarse sand & few gravel - less moisture - Sample				
10:00						Installed starter casing 10'-9" with shoe
						Added 7'-4" of casing. Total 18'-1"
10:25						
11:05	20'	Coarse sand, few gravel, little silt				- Sample
11:10						Added 6'-8" of casing. Total of 24'-9"
11:40	25'	Med. sand and silt, gravel to 3" - Sample				
12:30 - 1:30		Helping Hatch move to 100 N				

REMARKS

A-7600-0

RESOURCE PROTECTION GROUNDWATER WELL STRUCTURE FIELD INSPECTION REPORT

Well Photo. Include appurtenance description of well site. Include additional photographs as needed to document unusual conditions. Label photograph(s) with well number and date. Sign photograph(s) then attach to field inspection report.

Well Number 299-W15-101 Date 1-25-91

Inspector (print) MM Baird-Simmons

Signature M.M Baird-Simmons

WELL IDENTIFICATION ID MARKINGS

N/A

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

Irregularities _____

WELL SITE IDENTIFICATION

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

Irregular/Damage (describe) _____

SEE Comments ON back of this form

INSPECT WELL SURFACE PROTECTION MEASURES

WELL CAPS

Is the well capped?	☐ Yes	☐ No
Is the cap able to be locked?	☐ Yes	☐ No
Is the cap locked?	☐ Yes	☐ No

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

_____

CONCRETE PAD

☐ None ☐ 4 ft x 4 ft ☐ 18 in. x 18 in. ☐ 2 ft round Is it damaged? ☐ Yes ☐ No

Irregular/Damage (describe) _____

A 6000.499 (03/90)

BARRIER POSTS

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

If no, describe barrier posts: How many posts? _____ Diameter of posts? _____

Is there a removable post? ☐ Yes ☐ No

Irregular/Damage (describe) _____

CASING INFORMATION

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

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

Outer casing: OD/ID: _____ Type _____

Inner casing: OD/ID: _____ Type _____

Other casing: OD/ID: _____ Type _____

Other casing: OD/ID: _____ Type _____

Describe condition of top edge of the highest most casing:

☐ Jagged ☐ Uneven ☐ Fairly Level ☐ Beveled

Other (describe) _____

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

_____

Distance from: (check one)

☐ Ground Surface ☐ Cement Pad To top edge of highest most casing _____

SAMPLING EQUIPMENT INSTALLATION

Describe type of pump system:

☐ Hydrostar ☐ Submersible ☐ Bladder ☐ None

Describe type of pump system support:

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

Describe type of pump system:

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

Irregular/Damage (describe) _____

WELL SITE

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

_____

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

Inside a locked building

SURVEY INFORMATION

Describe survey mark location:

☐ Top edge of highest most casing ☐ Brass Marker ☐ Both ☐ None

Other (describe) _____

Is stamp clearly visible? ☐ Yes ☐ No

COMMENTS

The building may be over or around the well. The building was locked and we couldn't get in.

A-6000-499R (03/90)

E006572

WELL MAINTENANCE PLANNING REPORT

Report No. 91-046-04 by u 1/28/93

Well No.	Date Reported	Identified By/Organization	PIR No.
Cont. Pg	11/16/90	V.J. Rohay/Geosciences WHC	n/a

REASON FOR MAINTENANCE/DESCRIPTION OF PROBLEM

In support of 200 West Area Carbon Tetrachloride Interim Response Action Existing Well Fitness-for-Use Evaluation (EII-6.6), perform field inspection of wells including depth-to-water (if applicable and depth-to-bottom measurements to establish current status of well per EII-6.4.

PRE-JOB PLANNING

Date Initiated	Date Completed	Date Work Scheduled	Field Team Personnel Assigned
11/16/90	1/22/91	1/23/91	A.L. Schatz, M.G. Gardner, MMB-S

Planning Checklist

	Y	N/R
Data File Review	X	
EFSG Safety Notified	X	
Job Safety Analysis	X	
Health Physics Notified	X	
Specific Radiation Work Permit		X
HPT Coverage	X	

Comments: Workscope to be covered by RWP SS-008. Coverage for all wells will be required.

Operations Support		X
Quality Assurance Notified	X	

Impact Level: 3

QA Concurrence: [signature] 1-29-91

Phone Concurrence: N/R

Historical Data

SEE CONTINUATION PAGE

Date Obtained From _____

Well Completion Date _____ Construction Depth _____

Casing Size/Type _____ Casing Set At _____

Casing Perforations Schedule _____ Interval _____

Well Screen(s) Type _____ Interval _____

Last Recorded Depth to Water _____ Date _____

Last Recorded Depth to Bottom _____ Date _____

Pump Installed – Type/Make/Model _____

Pump Length to Intake _____

Discharge Tubing – Type/Size _____

Pump Intake Set at (Depth) _____

SPECIAL EQUIPMENT/MATERIAL REQUIREMENTS

Organic vapor & gas monitoring instrumentation to be provided by EFSG safety. Potable water and clean towels will be provided for decontamination of the measuring device in accordance with EII-10.2.

SPECIAL INSTRUCTIONS

This Planning Report addresses activities to be performed in and around existing vadose zone wells listed on the continuation page of this report. A Job Safety Analysis (JSA) has been prepared to cover safety aspects of the work scope. Safety monitoring will be performed by EFSG Safety.

Planning Performed By: M.G. Gardner

Title: Team Leader

Signature: M.G. Gardner

Reviewed By: A.L. Schatz

Title: Plant Engineer Date: 1/22/91

Signature: A.L. Schatz

DISTRIBUTION: White – Group File Custodian Yellow – Group Files Pink – Project Coordinator Goldenrod – Team Leader

BC-6000 317.1 (11/90)

WELL MAINTENANCE PLANNING REPORT
TEXT CONTINUATION PAGE

Well Number	Pre-Job Planning	Cont. of Report No.
See Below		91-046-06

REMARKS

The following list of wells show those wells to have a Field Inspection Report (FIR) completed as part of the work scope for this project. In addition to the FIR, a depth-to-bottom will be obtained for each well.

Well	Type	Facility	Diameter	Depth	Drill Date
2-W15-82	Vadose	216-Z-9	8"	98'	10/31/54
2-W15-84	Vadose	216-Z-9	8"	106'	10/31/54
2-W15-85	Vadose	216-Z-9	8"	103'	10/31/54
2-W15-86	Vadose	216-Z-9	8"	136'	8/31/57
2-W15-95	Vadose	216-Z-9	8"	100'	1/31/59
2-W15-101	Vadose	216-Z-9	6"	46'	1/31/67
2-W18-65	Vadose	216-Z-1A	8"	140'	4/30/49
2-W18-67	Vadose	216-Z-1A	8"	47'	9/30/49
2-W18-68	Vadose	216-Z-1A	8"	46'	9/30/49
2-W18-76	Vadose	216-Z-1A	6"	ND	3/31/67
2-W18-77	Vadose	216-Z-1A	6"	ND	3/31/67
2-W18-78	Vadose	216-Z-1A	6"	ND	3/31/67
2-W18-79	Vadose	216-Z-1A	6"	ND	3/31/67
2-W18-80	Vadose	216-Z-1A	6"	ND	3/31/67
2-W18-81	Vadose	216-Z-1A	6"	ND	4/30/67
2-W18-85	Vadose	216-Z-1A	6"	148'	7/31/69
2-W18-86	Vadose	216-Z-1A	6"	147'	8/31/69
*2-W18-87	Vadose	216-Z-1A	6"	148'	9/30/69
2-W18-88	Vadose	216-Z-1A	6"	150'	9/30/69
2-W18-89	Vadose	216-Z-1A	6"	150'	9/30/69
2-W18-149	Vadose	216-Z-1A	6"	75'	4/30/73
*2-W18-150	Vadose	216-Z-1A	6"	128'	6/30/73
2-W18-158	Vadose	216-Z-1A	6"	131'	8/31/76
2-W18-159	Vadose	216-Z-1A	6"	130'	1/31/78
2-W18-163	Vadose	216-Z-1A	8"	163'	2/28/77
*2-W18-164	Vadose	216-Z-1A	6"	146'	1/31/77

Planning Performed By M.G. Gardner
Title Team Leader
Signature M.G. Gardner

Reviewed By A.L. Schatz
Title Plant Engineer
Date 1/22/91
Signature A.L. Schatz

DISTRIBUTION: White – Group File Custodian Yellow – Group Files Pink – Project Coordinator
Goldenrod – Team Leader

WELL MAINTENANCE PLANNING REPORT
TEXT CONTINUATION PAGE

Well Number	Pre-Job Planning	Cont. of Report No.
See Below		91-046-06

REMARKS

(Continued from page 2)

Well	Type	Facility	Diameter	Depth	Drill Date
2-W18-165	Vadose	216-Z-1A	6"	128'	3/31/77
2-W18-166	Vadose	216-Z-1A	6"	137'	4/30/77
2-W18-167	Vadose	216-Z-1A	8"	ND	5/31/77
2-W18-168	Vadose	216-Z-1A	8"	ND	6/30/77
2-W18-169	Vadose	216-Z-1A	8"	ND	9/30/77
2-W18-170	Vadose	216-Z-1A	6"	30'	9/30/76
* 2-W18-171	Vadose	216-Z-1A	8"	127'	8/31/77
2-W18-172	Vadose	216-Z-1A	8"	ND	8/31/77
2-W18-173	Vadose	216-Z-1A	8"	ND	10/31/77
2-W18-174	Vadose	216-Z-1A	8"	ND	10/31/77
2-W18-175	Vadose	216-Z-1A	6"	ND	12/31/77
2-W18-82	Vadose	216-Z-18	6"	146'	
2-W18-93	Vadose	216-Z-18	6"	138'	2/28/72
2-W18-94	Vadose	216-Z-18	6"	83'	2/28/72
2-W18-95	Vadose	216-Z-18	6"	77'	2/28/72
2-W18-96	Vadose	216-Z-18	6"	77'	2/28/72
2-W18-97	Vadose	216-Z-18	6"	82'	2/28/72
2-W18-98	Vadose	216-Z-18	6"	75'	2/28/72
2-W18-99	Vadose	216-Z-18	3"	129'	3/31/72

*Geoscience personnel have directed that a downhole camera survey be performed in those vadose zone wells identified with an asterisk in the table above. Activities performed to facilitate the camera survey shall be conducted in accordance with EII-6.4. Equipment used for work activities is to be placed onto plastic sheeting when not in use to mitigate contamination from the well site.

Planning Performed By M.G. Gardner
Title Team Leader
Signature M. G. Gardner

Reviewed By A.L. Schatz
Title Plant Engineer
Date 1/22/91
Signature A. L. Schatz

DISTRIBUTION: White – Group File Custodian; Yellow – Group Files; Pink – Project Coordinator; Goldenrod – Team Leader

J (Rev. 1)
Decommissioning Profile
As Listed Below

[All wells are non-compliant with WAC 173-160 regulations]

Well Name	Well ID #	Drilling Method, Drill Date, Pad/Posts	Drill Depth (ft bgs)	Last DTW/DTB (ft bgs) [Date]	Casing Size, Type, Screen Interval & Seals (ft bgs)	Purpose of Well [Variance]
299-W15-101	A7400	Cable Tool 1/1967	50	Dry/?	8" CS to 50 ft, No screen, perf's, or seals	?
299-W18-67	A7550	Cable Tool 9/1949	47	Dry/?	8" CS to 47, No screen or perf's, no seals	?
299-W18-68	A7551	Cable Tool 9/1949	46	Dry/?	8" CS to 46 ft. No screen or perf's, no seals	?
299-W18-76	A7559	Cable Tool 3/1967	19.5	Dry/?	6" CS to 18.5 ft. No screen, perf's, or seals	?
299-W18-77	A7560	Cable Tool 3/1967	25	Dry/?	6" CS to 23 ft. No screen, perf's, or seals	?
299-W18-78	A7561	Cable Tool 3/1967	17	Dry/?	6" CS to 15 ft. No screen, perf's, or seals	?
299-W18-80	A7563	Cable Tool 3/1967	21.5	Dry/?	6" CS to 20 ft. No screen, perf's, or seals	?
299-W18-81	A7564	Cable Tool 4/1967	41	Dry/?	6" CS to 41 ft. No screen, perf's, or seals	?
299-W18-173	A7655	Cable Tool 10/1977	51	Dry/?	8" CS to 47 ft w/seal of unknown depth, No screen or perf's.	?

299-W19-55	*A7755*	*Cable Tool 11/1944 N/N*	*75*	*Dry/46.6 2003/03 Contaminated*	*8" CS to 40ft ??????w/no seals, casing pulled?*	*Clarification Needed*
299-W19-69	*A7769*	*Cable Tool 1/1951*	*49*	*NA/49 [1951]*	*8" CS to 49ft w/no seals*	*?*
299-W19-72	*A7772*	*Cable Tool 2/1951*	*50*	*NA/50 [1951]*	*Hole & casing size unknown, seals unknown*	*?*
299-W19-73	*A7773*	*Cable Tool 3/1951*	*50*	*NA/50 [1951]*	*8" CS to 50 ft seals unknown*	*?*

Note: **Wells in bold font will be held in reserve until FY2004. Wells in italics are within waste sites or are contaminated. Well 299-W19-55 may be mislabeled- it currently has a ~3" SS riser and is about 4' from well 299-W19-98.**

1. File an Intent to Decommission" (Start Card) for each well with the Washington State Department of Ecology (WDOE) with copies to FH.

2. Conduct pre-job meetings as required.

NOTE: WELL 299-W19-55 HAS NOT BEEN ADDRESSED IN THIS PROFILE. WE MUST FIRST CLARIFY THE DISCREPANCY IN THE DATA (8" VS 3" CASING).

3. Using a mechanical perforator, perforate the casing from total depth to ~5 ft bgs. Perforations shall be at least four equidistant cuts per row, one row per foot, and each cut shall be at least 1 ½ inches long (or equivalent open area).

4. Squeeze cementing shall be used to obtain a seal outside of the casing. Immediately prior to cementing the perforated interval, place a wash solution consisting of 3 casing volumes* of a maximum 6 % (by volume) calcium chloride, followed by 2 casing volumes of potable water, at the midpoint of the interval.
   (* : 1 volume is the casing capacity of the perforated interval, only)

5. Set a packer immediately above the treated interval (with tail pipe approximately 10 ft off bottom) and place cement (with 2 percent bentonite) to a minimum of 40 psi – maximum of 100 psi surface pressure, and hold pressure for a minimum of 20 minutes.

6. If the well **is within** a waste site boundary, cut any protective casing and the well casing flush with the top of the pad (if present) or ground surface, and cut any protective posts flush with the ground surface. Fluor Hanford will dispose of the casing and any protective posts and concrete.

7. Top off casing and any protective post stubs with neat cement until they remain full, and place a brass survey marker with the well name, ID number, and date embedded

in the cement in the casing so that it remains visible for future site identification. Proceed to step 10, below.

8. If the well **is not within** a waste site boundary, pull any protective posts and remove the concrete pad, if present. Cut the casing flush with the ground surface and remove the casing stub. Fluor Hanford will dispose of the casing and any protective posts and concrete.

9. Top off cement in the casing until it remains full, and place a brass survey marker with the well name, ID number, and date embedded in the cement in the casing so that it remains visible for future site identification. Backfill any protective post holes native materials.

10. Complete a "Water Well Report" for the well and submit to WDOE with copies of the transmittal letter and the report to FH.

Prepared by: RL Biggerstaff 5/8/03, R. L. Biggerstaff, FH, Well Coordinator

Concurrence and date: Joseph Caggiano 5/8/03, Joseph Caggiano, WDOE
Nuclear Waste Division
Kennewick, WA 99336

Best Available Copy

2 W15-1

DRILLING LOG

PROJECT NO.

RIG NO.	WELL NO.	DATE	DEPTH BEGINNING OF SHIFT
2210	15-101 299-15-94A	1-16-67	0'
DRILLER: Bigham	FOREMAN: Hatch	SHIFT	DEPTH COMPLETION OF SHIFT: 25'

DRILLING TIME	DRILLING DEPTH	CORING TIME	CORING DEPTH	TYPE SOIL	OTHER DELAYS TIME	EXPLANATION
0930						Started drilling
9:35	5'	Fine sand & silt - wet				Sample
9:40	10'	Fine sand & silt, pea small gravel - wet				Sample
9:55	15'	Coarse sand & pea gravel - less moisture				Sample
10:00						Installed starter casing 18'-9" with shoe.
						Added 7'-4" of casing. Total 18'-1"
10:25						
11:05	20'	Coarse sand, pea gravel, little silt				Sample
11:10						Added 6'-8" of casing. Total of 24'-9"
11:40	25'	Med. sand and silt, gravel to 3"				Sample
12:30 - 4:30		Helping Hatch move to 100 N				

REMARKS

A-7000-0 (-61)

699-13-26
A8269

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	PLANT NS/EW	CASING ELEV / WELL DIAM / DATE_COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH_WATER	PERF/SCREEN TYPE	DIAM	TOP	BOT	COMMENTS / PREVIOUS WELL NAMES
									SEISMIC SHOT HOLE FILLED
699-13-13B SW		13257.00 -13105.00	539.00 5.0 6/63	140.0					SP. 1-2 GSI
									4" PLASTIC LINER
699-13-26 GW		13092.00 -26479.00	512.78 6.0 2/81	820.0 214.0 115.0					GOLDER S-14
699-13-28A GW									
699-13-28B VW									
699-13-64 GW B							120.0	147.0	PLUG AT 156 12.5-64.0, USGS
699-14-E6P GW		13711.00 5507.00	458.44 1.5 1/66	507.0 500.0	P	1.5	490.0	500.0	
699-14-E6Q GW		13749.00 5507.00	457.91 1.5 1/66	452.0 450.0 71.0	S	1.5	440.0	450.0	ELEPHANT MOUNTAIN INTERFLOW ZONE
699-14-E6R GW		13787.00 5508.00	458.14 1.5 2/66	390.0 390.0 71.0	P	1.5	377.0	387.0	
699-14-E6S GW		13830.00 5506.00	457.77 1.5 2/66	302.0 294.0	P	1.5	284.0	294.0	
699-14-E6T GW B		13869.00 5500.00	458.38 1.5 2/66	122.0 120.0 94.0	S	1.5	110.0	120.0	SINGLE PIEZOMETER HOLE, BENT OVER, NO LONGER USED
699-14-E4 SW		13800.00 4000.00	461.22 12/74	114.0					1C-SP-11 DESTROYED
699-14-E3A AB		13900.00 2860.00	451.60 12/74	88.0 82.0					CB-2

Hanford Wells

PNL-8800 UC-903

M.A.Chamness & J.K. Merz

August 1993

Prepared for U.S. Dept of Energy under

Contract DE-AC06-76RLO 1830

Pacific NW Lab by Battelle Memorial Institute

WIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
8269	699-13-26	UNKNOWN	NAD83	01/01/1801	CONVERTED	127498.327	581834.562	m	

SURVEY DATA REPORT

699-13-26

Request No. 81-028			
Pr No.	Title: Well Decommissioning A8269		File No. 6AT11R27
Job No. 65400811.1225400 CA10	Prepared By Tim Johnson	Date 10/22/2007	Reviewer Tommy Henke
			Page 1 of 2

DESCRIPTION OF WORK

Attempt to locate Wells A8180, A8213 and A8269 at coordinates given. If found obtain coordinate and ground elevation, if different than coordinates given, obtain photo and information for WAR report. If not found set hub and lath at coordinates given and search with Schonstedt Metal Detector for possible buried casing. Probe with shovel if appropriate signal is detected. If casing is found obtain coordinate and ground elevation. If not found a Scan Request and Report will have to be completed.

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

SURVEY RESULTS AND COMMENTS

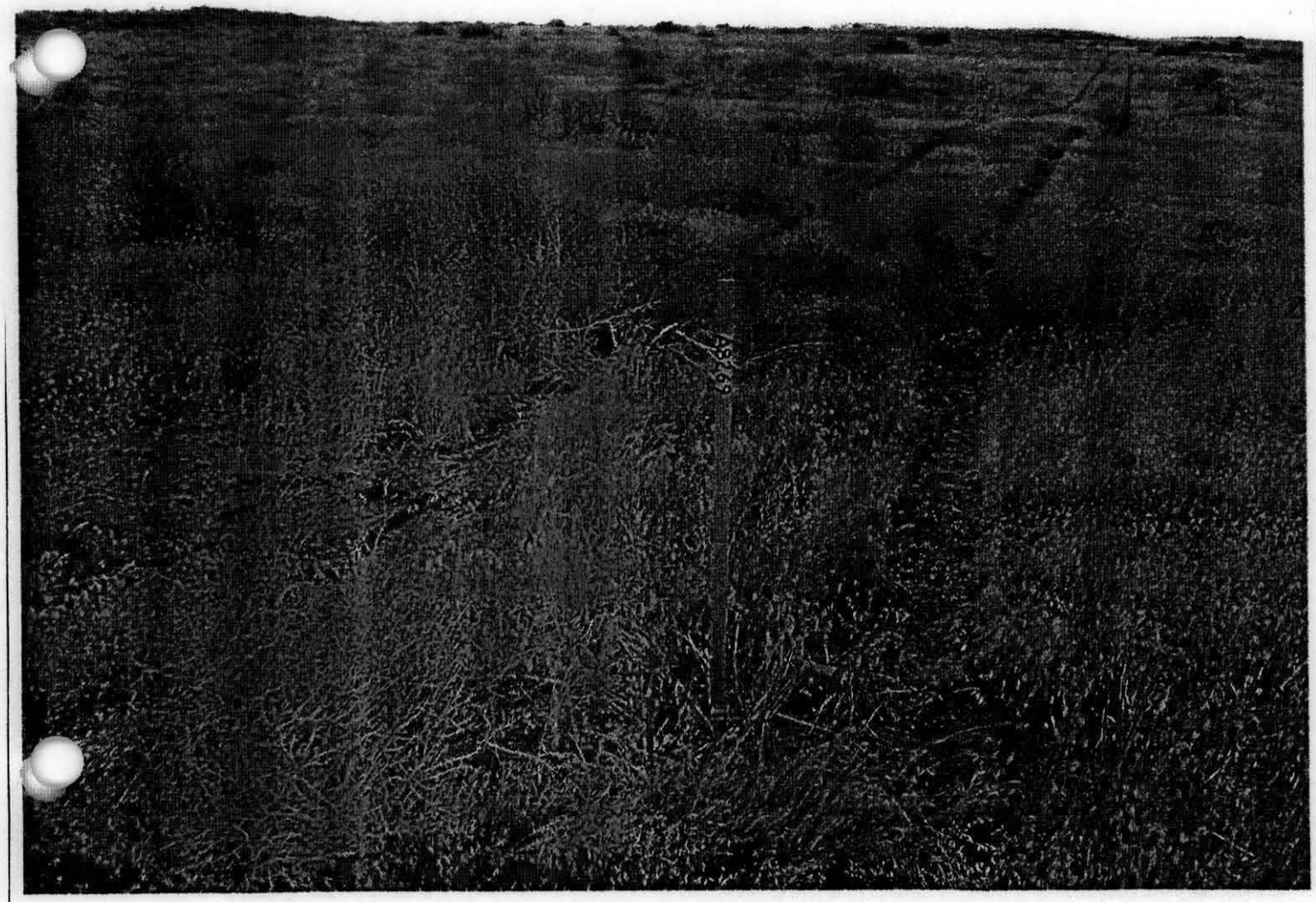
Horizontal Coordinate System: WCS83S/91 (Meters)
Vertical Datum: NAVD88 (Meters)
Equipment Used: Trimble 5800 GPS Receiver.

Name	Northing	Easting	Description
A8269	127498.33	581834.56	No well found at given coordinates. Set hub and lath. Took photo. No metal signal detected.

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

E-NW-246 (09/04)

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



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

☒ Survey
☐ Scan

SURVEY REQUEST

Request No. 0 8 1 - 0 2 8

Pr No.	Title Well Decommissioning: A8180, A8213 & A8269		File No. 6 A T 1 1 R 2 7
Job No. 65400811.1225400 CA10	Requested By Bonnie Howard	Phone 373-3935 / 366-6173	Date Required By Dec. 15, 2007
Field Contact Ed Rafuse	Organization FH	Phone 373-5941 / 539-3859	Location MO-413 / 107 / 200E

REFERENCE DOCUMENTS	GRID SYSTEM	DISTRIBUTION	
Email & QMap Plot	☒ Lambert ☐ Plant ☐ Area ☐ Geographic	Survey File E.C. Rafuse S.H. Worley B.J. Howard	 1 1 1
LOCATION OF WORK	**WORK CONDITIONS**	G.G. Kelty	1
600A west of wye barracade	☐ SWP ☐ Mask ☐ Operator ☐ Exclusion Entry	W.D. Webber	1

SPECIAL INSTRUCTIONS

Horizontal Coordinate System: WCS83S/91 (Meters)
Vertical Datum: NAVD88 (Meters)

ITEM	DESCRIPTION OF WORK
1.	Attempt to locate Wells A8180, A8213 and A8269 at coordinates given. If found obtain coordinate and ground elevation, if different than
	coordinates given, obtain photo and information for WAR report.
	If not found set hub and lath at coordinates given and search with Schonstedt Metal Detector for possible buried casing. Probe with
	shovel if appropriate signal is detected. If casing is found obtain coordinate and ground elevation. If not found a Scan Request and
	Report will have to be completed.

Prepared By	Date	Reviewed By
L. A. Henke	10/16/07	

NOTES/COMMENTS

Lead Surveyor/Crew

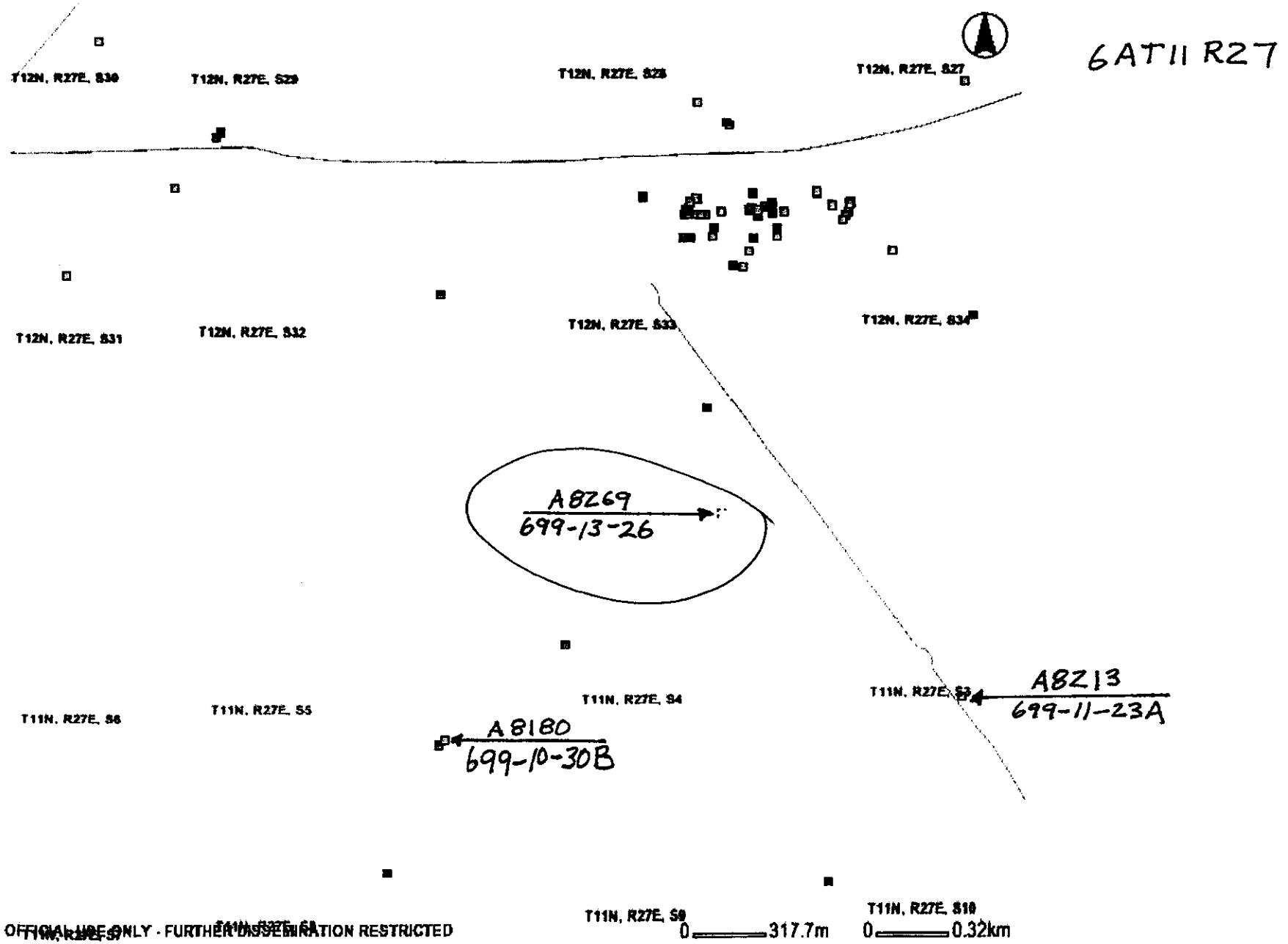
Date:	Signature:

BY 15 DEC

-1225400

6AT11R27

	WELL_NAME	NORTHING	EASTING	ESTIMATED_QTR_QTR_SEC	GW AOI	MONUMENT_LOC	WELL_TYPE	HOST_WELL_ID	STATUS
A9100	699-100-54	153933	573822	T14N, R26E, S11, SW 1/4, NW 1/4		Monument North (Wahluke Slope)	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING
A8180	699-10-30B	126517.733	580633.024	[redacted]	200-PO-1	Hanford (Not In Monument)	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING
A9105	699-103-53A	154733	573406	T14N, R26E, S10, NE 1/4, NE 1/4		Monument North (Wahluke Slope)	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING
A9106	699-103-53B	155136	573798	T14N, R26E, S2, SW 1/4, SW 1/4		Monument North (Wahluke Slope)	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING
A8173	699-10-3D	126601.519	588882.222	[redacted] 1/4, NW 1/4	300-FF-5	Hanford (Not In Monument)	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING
A9108	699-107-79	156065.667	565826.426	T14N, R25E, S1, NW 1/4, NW 1/4		Monument North (Wahluke Slope)	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING
A8201	699-11-1B	127027.428	589593.873	[redacted]	300-FF-5	Hanford (Not In Monument)	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING
A8204	699-11-1E	126792.734	589585.394	[redacted]	300-FF-5	Hanford (Not In Monument)	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING
A8205	699-11-1H	127027.2	589513.11	[redacted]	300-FF-5	Hanford (Not In Monument)	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING
A8213	699-11-23A	126717.533	582878.346	[redacted] 1/4, NE 1/4	200-PO-1	Hanford (Not In Monument)	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING
A8230	699-11-E10	126995.436	592806.94	[redacted] 1/4, SE 1/4	300-FF-5	Hanford (Not In Monument)	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING
[illegible]2	699-11-E4A	126858.75	591095.267	[redacted]	300-FF-5	Hanford (Not In Monument)	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING
A8223	699-11-E4B	126762.01	591254.347	[redacted]	300-FF-5	Hanford (Not In Monument)	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING
A8231	699-12-1A	127109.629	589563.164	[redacted] 1/4, SE 1/4	300-FF-5	Hanford (Not In Monument)	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING
A8269	699-13-26	127498.327	581834.562	[redacted] 1/4, NE 1/4	200-PO-1	Hanford (Not In Monument)	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING
A8279	699-13-E3D	127505.719	590915.796	[redacted] 1/4, NE 1/4	300-FF-5	Hanford (Not In Monument)	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING
A8333	699-15-E3A	128102.751	590670.177	12 28 [redacted] 1/4, NW 1/4	300-FF-5	Hanford (Not In Monument)	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING
A8357	699-17-24	128657	582578	T12N, R27E, S34, NW 1/4, SW 1/4	200-PO-1	Hanford (Not In Monument)	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING
A8607	699-39-82	135221.397	564780.804	T12N, R25E, S11, NW 1/4, NE 1/4	200-ZP-1	Hanford (Not In Monument)	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING
A8639	699-40-28	135715.743	581291.814	T12N, R27E, S4, SE 1/4, SW 1/4	200-PO-1	Hanford (Not In Monument)	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING
A8129	699-4-6	124584.231	588223.851	[redacted] 1/4, SW 1/4	200-PO-1	Hanford (Not In Monument)	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING
A8740	699-46-84	137398.935	564211.65	T13N, R25E, S35, SW 1/4, NW 1/4	200-ZP-1	Hanford (Not In Monument)	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING
A8743	699-46-E3	138296	591483	T13N, R28E, S33, NE 1/4, SE 1/4		Monument North (Wahluke Slope)	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING
4	699-54-15B	123335.6	589110	[redacted] 1/4, NW 1/4	200-PO-1	Hanford (Not In Monument)	UNCLASSIFIED		CANDIDATE FOR DECOMMISSIONING
A8879	699-56-26A	140510.505	582035.268	T13N, R27E, S22, SW 1/4, SW 1/4	100-FR-3	Hanford (Not In Monument)	VADOSE WELL		CANDIDATE FOR DECOMMISSIONING



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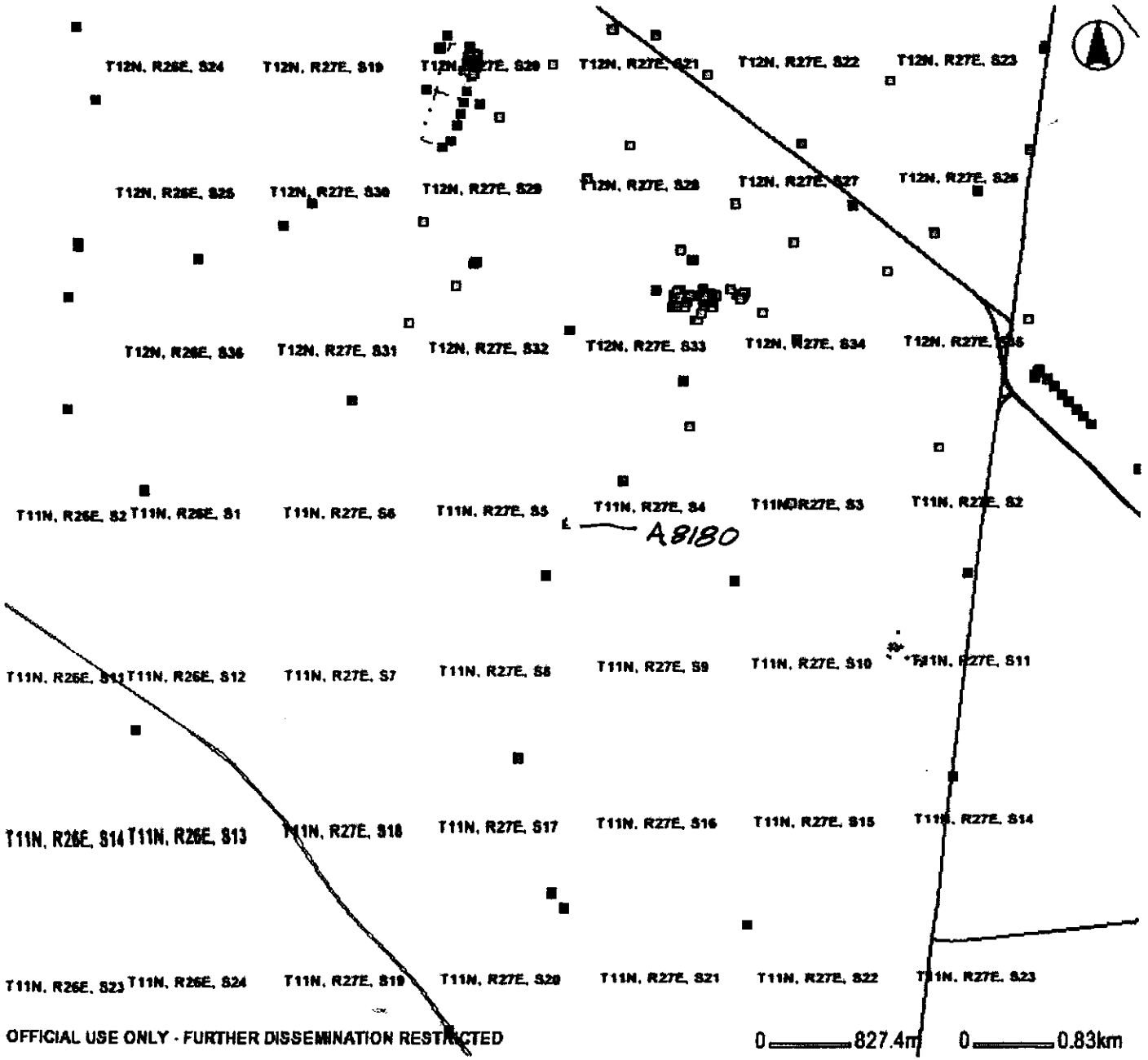
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T11N, R27E, S17
T11N, R27E, S16
T11N, R27E, S15
T11N, R27E, S14
T11N, R26E, S23
T11N, R26E, S24
T11N, R27E, S19
T11N, R27E, S20
T11N, R27E, S21
T11N, R27E, S22
T11N, R27E, S23
OFFICIAL USE ONLY - FURTHER DISSEMINATION RESTRICTED
0 827.4m
0 0.83km

A8269 699-13-26

699-13-26 (Golder Well #S-14)
Location: ~N13092, W26479 11/27-4A1
Surface Elevation: 512.5
Air & mud rotary, drilled by Carman Water Wells & logged by Golder Associates for NESCO, 1981, geologic investigation borehole

Material (38)	Thickness	Depth
Silty sand, light-olive-brown to yellowish-gray, very-fine- to coarse-grained	20	20
Sand; fine- to very-coarse-grained, mostly coarse-grained; angular to subrounded; 50% mafics; minor silt at 25-30 ft.	25	45
Silty sand, very-fine- to fine-grained, 10-15% mafics	5	50
Sandy gravel; gravel basaltic; sand nonbasaltic, very-fine- to very-coarse-grained, angular to subangular, 30% mafics	25	75
Gravelly sand, fine- to coarse-grained, angular to sub-angular, 30-40% mafics	5	80
Sandy gravel, sand coarse- to very-coarse-grained	5	85
Gravelly sand, fine- to very-coarse-grained	5	90
Gravel, no matrix, 50% basalt clasts	10	100
Gravelly sand; fine- to coarse-grained, mostly medium-grained; 40% mafics	5	105
Gravel, no matrix, 40% basalt clasts	5	110
Gravelly silty sand, medium- to coarse-grained, angular to subangular, 10-15% mafics . . .	5	115
Silty sandy gravel; matrix yellowish-gray; sand very-fine- to coarse-grained, fining w/depth; silt & silty sand adhere to gravel clasts .	15	130
Sandy gravel; sand very-fine- to medium-grained, angular to subangular, 15% mafics . . .	15	145

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

699-13-26 (cont)

Material (38)	Thickness	Depth
Gravelly sand; fine- to coarse-grained, mostly medium-grained; angular to subangular; 10% mafics	10	155
Silty gravel	5	160
Gravelly sand; fine- to medium-grained, mostly medium-grained; 7% mafics	5	165
Sandy gravel, sand medium- to coarse-grained	5	170
Gravel, no matrix	5	175
Gravelly sand; medium- to coarse-grained, mostly medium-grained; angular to subangular; 10-15% mafics	5	180
Silty sandy gravel, trace yellow rind	10	190
Sandy gravel, trace yellow rind .	5	195
Silty sandy gravel, sand medium-grained, trace yellow sandy rind	10	205
Gravelly sandy silt, yellowish-gray	5	210
Gravelly silt, yellowish-gray . .	5	215
Silt, yellowish-gray	5	220
Sandy silt, yellowish-gray, sand very-fine-grained	5	225
Silty sand; yellowish-gray; very-fine- to medium-grained, mostly fine-grained; angular to subangular; 5-7% mafics; silt fragments at 240-245 ft.; gravelly from 250-260 ft. . .	35	260
Silty sand to sandy silt; yellowish-gray; very-fine- to medium-grained, mostly fine-grained	5	265
Gravelly silty sand w/silt fragments; yellowish-gray . . .	5	270
Silty sandy gravel, yellow sandy calcareous rinds on some clasts	25	295
Gravel, no matrix	5	300
Sandy gravel; sand fine- to medium-grained, mostly medium-grained, angular to subangular, 5-7% mafics; yellow sandy calcareous rinds on clasts . .	45	345

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699-13-26 (cont)

Material (38)	Thickness	Depth
Silty sand, yellowish-gray, very-fine- to fine-grained, angular to subangular, 15-20% mafics, gravelly at 350-355 ft.	10	355
Silty sandy gravel; sand very-fine- to medium-grained, mostly medium-grained, 10-15% mafics	5	360
Sand; very-fine- to medium-grained, mostly medium-grained; angular to subangular; 10-15% mafics	5	365
Gravel, yellow sandy calcareous rinds on clasts	5	370
Silty sandy gravel, sand very-fine- to medium-grained, ferruginous stain	5	375
Gravel, no matrix	10	385
Silty sand; yellowish-gray; fine- to medium-grained, mostly fine-grained; 15-20% mafics	10	395
Silty sandy gravel	5	400
Gravel, yellow sandy calcareous rinds on clasts	5	405
Sandy gravel	5	410
Silty sandy gravel	5	415
Silty sand, yellowish-gray, very-fine- to fine-grained, 10-15% mafics	30	445
Silty sandy gravel	5	450
Sandy gravel; sand very-fine- to fine-grained, mostly fine-grained	5	455
Silty sandy gravel; sand mostly fine- to medium-grained, some very-fine-grained; matrix increases w/depth	15	470
Silty gravel, silt yellowish-gray	10	480
Gravelly sandy silt, yellowish-gray	5	485
Gravelly silt, yellowish-gray . .	5	490
Silt, yellowish-gray, rounded fragments	25	515

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699-13-26 (cont)

Material (38)	Thickness	Depth
Silty sand; light-gray to yellowish-gray; very-fine- to medium-grained, mostly fine-grained; ferruginous stain at 520-525 ft.	10	525
Silty sandy gravel	5	530
Sandy gravel; sand mostly fine- to medium-grained, some very-fine-grained, angular to subangular, 15-30% mafics; minor silt at 540-545 ft. . .	20	550
Silty sandy gravel	5	555
Gravelly silty sand to gravelly sandy silt, light-olive-gray to yellowish-gray, sand very-fine- to medium-grained	15	570
Silty sand; yellowish-gray; very-fine- to medium-grained, mostly fine-grained; 10-15% mafics	10	580
Silty sand w/rounded silt fragments; light-olive-gray; very-fine- to fine-grained, mostly fine-grained	10	590
Silty sand to sandy silt; light-olive-gray; sand very-fine- to fine-grained, mostly very-fine-grained	5	595
Sandy silt, light-olive-gray . .	5	600
Sandy silt to silty sand, light-olive-gray	10	610
Silt, light-olive-gray	5	615
Sandy silt, light-olive-gray to olive-gray, white ash fragments at 635-640 ft. . . .	25	640
Sandy silty clay, olive-gray, white ash fragments at 640-645 ft.	20	660
Silty sandy gravel, matrix light-olive-gray, sand very-fine- to medium-grained, matrix increases w/depth . . .	15	675
Gravel, trace silt & sand	5	680
Silty sandy gravel, matrix as in 660-675 ft.	5	685

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699-13-26 (cont)

Material (38)	Thickness	Depth
Gravel, trace silt and sand, yellow sandy calcareous rinds on some clasts, 30-60% basalt clasts	50	735
Gravelly silty sand; light-gray; very-fine- to fine-grained, mostly fine-grained; angular to subangular; 10-15% mafics .	5	740
Basalt, weathered to 785 ft., vesicular at 765-785 ft. . . .	80	820

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699-13-E3D
A8279

WELL ATTRIBUTES REPORT

WELL ID	A8279	**NORTHING**	127505.719	**FIELD ORDER NO**	
WELL NAME	699-13-E3D	**EASTING**	590915.796	**LAST INSPECTION**	1/1/1801
HOST WELL ID		**ELEVATION**	137.934	**CONST DATE**	
GW OPERABLE UNIT	300-FF-5	**DRILL DATE**	12/31/1974	**CONST DEPTH**	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

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

ND* - Not Documented

WELL ATTRIBUTES REPORT

WELL ID	A8279	**NORTHING**	127505.719	**FIELD ORDER NO**	
WELL NAME	699-13-E3D	**EASTING**	590915.796	**LAST INSPECTION**	1/1/1801
HOST WELL ID		**ELEVATION**	137.934	**CONST DATE**	
GW OPERABLE UNIT	300-FF-5	**DRILL DATE**	12/31/1974	**CONST DEPTH**	

PROGRAMS

WASTE SITES 50FT

WM PLAN(S)

WASTE STORAGE(S)

WELL ATTRIBUTE COMMENTS

CASING INFORMATION

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

CHANGES

SCREEN INFORMATION

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

CHANGES

PERFORATION INFORMATION

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

CHANGES

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	COORDINATES PLANT NS/EW	CASING ELEV / WELL DIAM / DATE COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH WATER	PERF/SCREEN TYPE	PERF/SCREEN DIAM	PERF/SCREEN TOP	PERF/SCREEN BOT	COMMENTS / PREVIOUS WELL NAMES
699-13-E4B		12700.00	462.49	117.0					
VW		4300.00	12/74						1C-SP-10
699-13-E4C		13400.00	460.50	122.0					DESTROYED
AB		4200.00	12/74						1C-SP-17
699-13-E3A		12828.00	442.10	168.0					DESTROYED
AB		2625.00	12/74	71.0					CB-3
699-13-E3B		12829.00	442.10	50.0					DESTROYED
AB		2618.00	12/74						CB-3AA
699-13-E3C		12830.00	442.10	202.0					DESTROYED
AB		2610.00	12/74						CB-3A
699-13-E3D		13070.00	449.10	74.0					
VW		3280.00	12/74						CB-4
699-13-E3E									DESTROYED
AB									CB-8
699-13-E3F									DESTROYED
AB									CB-11
699-13-E3G									DESTROYED
AB									CB-12
699-13-E3H		12552.00	442.20	70.0					
VW		2775.00	12/74						CB-15
699-13-E3J		12853.00	447.90	75.0					
VW		3070.00	12/74						CB-17
699-13-E2A		13344.00	445.30	301.0					DESTROYED
AB		2383.00	12/74	76.0					CB-5

Hanford Wells
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IWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A8279	699-13-E3D	UNKNOWN	NAD83	01/01/1801	CONVERTED	127505.719	590915.796	m	

vailable Documents:

ell ID	Document Number	Document Type	Date	Description	Rev
ell ID: A8279, Well Name: 699-13-E3D					
8279	-- No information available --				

SCAN DATA REPORT

Request No.: 081-039

Project No.:	Title: Well Decommissioning A8279 699-13-E3D	File No.: 600S-001

Job No.:	Prepared by:	Date:	Reviewer:	Page
65400811.1225400 CA10	Tim Johnson	10/17/07	Larry Hendrix	1 of 1

DESCRIPTION OF WORK: Perform ground scan using Schonstedt Metal Detector to attempt to locate possible buried well casing. If signal is detected, probe with shovel. If buried casing is found obtain coordinates with GPS. Take photo. Obtain information for WAR Report. If not found withing reasonable depth, obtain coordinates of signal.

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

DATE OF FIELD INVESTIGATION:

Weather: Temp 60°F Wind 5 MPH

☒ Cloudy ☐ Clear ☐ P. Cloudy ☐ Fog

Soil Conditions: ☐ Rocky ☒ Sandy ☐ Wet ☒ Dry

Depth of Investigation 5 feet

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

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

Documentation Provided:

Limits of Investigation: 20 foot diameter.

EQUIPMENT LIMITATIONS:

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

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

No significant signal was observed.

No

SURVEY DATA REPORT

Request No. 81-016				
Pr No.	Title: Well Decommissioning A8279			File No. 6AT11R28
Job No. 65400811.1225400 CA10	Prepared By Tim Johnson	Date 10/17/2007	Reviewer Larry Hinde	Page 1 of 1

DESCRIPTION OF WORK	DISTRIBUTION	SDR	PLOT	DWG
Attempt to locate Wells A8979 and A8333 at coordinates given. If found obtain coordinate and ground elevation. If different than coordinates given, obtain photo and information for WAR Report	Survey File	OR		
	B. Howard1	1		
	G.G. Kelty	1		
Horizontal Coordinate System: WCS 83S/91 (Meters)	E.C. Rafuse	1		
Vertical Datum: NAVD88 (Meters)	W.D. Webber	1		
	S.H. Worley	1		
Equipment Used: Trimble 5800 GPS receiver..				

SURVEY RESULTS AND COMMENTS

Name	Northing	Easting	Description
A8279	127505.72	590915.80	No well was found well at listed coordinates. Set hub and lath. Took photo.

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

E-NW-246 (09/04)

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

☐ Survey
☒ Scan

SURVEY REQUEST

Request No.	0 8 1 - 0 3 9
File No.	6 0 0 S - 0 0 1

Proj No.	Title Well Decommissioning: A8279		
Job No. 65400811.1225400 CA10	Requested By Bonnie Howard	Phone 373-3935 / 366-6173	Date Required ASAP
Field Contact Ed Rafuse	Organization FH	Phone 373-5941 / 539-3859	Location MO-413 / 107 / 200E

REFERENCE DOCUMENTS	GRID SYSTEM	DISTRIBUTION	
Email & QMap Plot	☐ Lambert	Survey File	
	☐ Plant	E.C. Rafuse	1
	☐ Area	S.H. Worley	1
	☐ Geographic	B.J. Howard	1
LOCATION OF WORK	**WORK CONDITIONS**	G.G. Kelty	1
Energy Northwest Unit 4 Site / 600A	☐ SWP	W.D. Webber	1
	☐ Mask		
	☐ Operator		
	☐ Exclusion Entry		

SPECIAL INSTRUCTIONS

ITEM	DESCRIPTION OF WORK
1.	Perform ground scan using Schonstedt Metal Detector to attempt to locate possible buried well casings. If signal detected probe with
	shovel. If buried casing found obtain coordinate (C/L Casing) and ground elevation with GPS, take photo.
	Obtain information for WAR report. (Dia, steel, pvc, etc.)
	If not found within reasonable depth obtain coordinate and ground elevation of signal and report.

Prepared By	Date	Reviewed By
L. A. Henke	10/18/07	

NOTES/COMMENTS

Lead Surveyor/Crew	

Date:	Signature:

☒ Survey
☐ Scan

SURVEY REQUEST

Request No. 0 8 1 - 0 1 6

Project No.	Title	File No.
	Well Decommissioning: A8279 & A8333	6 A T 1 1 R 2 8

Job No.	Requested By	Phone	Date Required
65400811.1225400 CA10	Bonnie Howard	373-3935 / 366-6173	ASAP

Field Contact	Organization	Phone	Location
Ed Rafuse	FH	373-5941 / 539-3859	MO-413 / 107 / 200E

REFERENCE DOCUMENTS	GRID SYSTEM	DISTRIBUTION	
Email & QMap Plot	☒ Lambert	Survey File	
	☐ Plant	E.C. Rafuse	1
	☐ Area	S.H. Worley	1
	☐ Geographic	B.J. Howard	1
LOCATION OF WORK	**WORK CONDITIONS**	G.G. Kelty	1
Energy Northwest Unit 4 Site / 600A	☐ SWP	W.D. Webber	1
	☐ Mask		
	☐ Operator		
	☐ Exclusion Entry		

SPECIAL INSTRUCTIONS

Horizontal Coordinate System: WCS83S/91 (Meters)
Vertical Datum: NAVD88 (Meters)

ITEM	DESCRIPTION OF WORK
1.	Attempt to locate Wells A8279 and A8333 at coordinates given. If found obtain coordinate and ground elevation, if different than
	coordinates given, obtain photo and information for WAR report.
	If not found set hub and lath at coordinates given and search with Schonstedt Metal Detector for possible buried casing. Probe with
	shovel if appropriate signal is detected. If casing is found obtain coordinate and ground elevation. If not found a Scan Request and
	Report will have to be completed.

Prepared By	Date	Reviewed By
N.P. Fastabend	10/8/07	

NOTES/COMMENTS

Lead Surveyor/Crew	

Date:	Signature:

E-NW-240 (DRAFT)

A8279

Kelty, George

From: Howard, Bonnie J
Sent: Tuesday, January 18, 2005 10:45 AM
To: Kelty, George
Cc: Davis, Jerry D; Biggerstaff, Dick L; Howard, Bonnie J
Subject: Please change status !!!!!!!!!!!!!!!!!!!WPPSS should be ENW Well owner.xls
Attachments: WPPSS should be ENW Well owner.xls

Please change the well owner from WPPSS to ENW

Well ID	Well Name
A8102	499-S1-7C
A8113	499-S1-8H
A8167	699-10-0
A8168	699-10-1
A8169	699-10-2
A8170	699-10-3A
A8171	699-10-3B
A8172	699-10-3C
A8173	699-10-3D
A8175	699-10-3F
A8176	699-10-4
A8184	699-10-E3C
A8185	699-10-E4A
A8187	699-10-E4C
A8191	699-10-E4G
A8194	699-10-E5A
A8195	699-10-E6
A8198	699-11-0A
A8200	699-11-1A
A8201	699-11-1B
A8202	699-11-1C
A8204	699-11-1E
A8205	699-11-1H
A8207	699-11-1K
A8209	699-11-3
A8222	699-11-E4A
A8247	699-12-2B
A8256	699-12-E3
A8257	699-12-E4
A8274	699-13-E2C
A8279	699-13-E3D
A8283	699-13-E3H
A8284	699-13-E3J
A8285	699-13-E4A
A8286	699-13-E4B
A8303	699-14-E2A
A8304	699-14-E2B
A8310	699-14-E4
A8336	699-15-E4A
A8337	699-15-E4B
A8339	699-16-5
A8347	699-16-E3A
A8129	699-4-6
A8144	699-6-E16
A8151	699-8-5
A8154	699-8-E1
A8158	699-8-E3B
A8160	699-8-3
A8161	699-8-4
A8162	699-9-E1
A8126	699-9-E4A

Well ID	Well Name
A8163	699-9-E4B
A8164	699-9-E5A
A8165	699-9-E5B
A8166	699-9-E5C
B2840	B2840
B2841	B2841
B2842	B2842
B2871	B2871
B2882	B2882
B2883	B2883
B2886	B2886
A8248	699-12-3
A8259	699-13-1
A8266	699-13-5
A8289	699-13-E16
A8293	699-14-5
A8300	699-14-E1A
A8316	699-15-3
A8317	699-15-4
A8330	699-15-E2A
A8332	699-15-E2C
A8334	699-15-E3B
A8335	699-15-E3C
A8349	699-16-E4A
A8128	699-4-5
A8133	699-5-2
A8136	699-5-E6
A8139	699-6-2B
A8147	699-7-E1A
B2843	B2843
B2845	B2845
B2894	B2894
B2856	HWDS23
B2859	HWDS54
A8260	699-13-1A
A8261	699-13-1B
A8262	699-13-1C

'ailable Documents:

ell ID	Document Number	Document Type	Date	Description	Rev
ell ID: A8279, Well Name: 699-13-E3D					
279	-- No information available --				

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	S
A8279	699-13-E3D	12/31/1974		74	ft		

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A8279	699-13-E3D	CANDIDATE FOR DECOMMISSIONING	05/09/2002	

Query HWIS again

IWIS Interface - Well Construction Information - Construction Dates

WELL_ID	WELL_NAME	CONST_DATE	CONST_DEPTH	CONST_DEPTH_UNITS
A8279	699-13-E3D	-- No information available --		

699-13-E3C (CB-3A)
Location: N12830, E2610 11/28-403
Surface Elevation: 442.1
Rotary, logged by Shannon & Wilson for WPPSS, 1974, WNP-4 foundation test boring

Material (8)	Thickness	Depth
This interval see 699-13-E3A & 699-13-E3B	168	168
Sandy gravel; very dense, yellow gray-brown, fine to coarse, clean to slightly silty, scattered cobbles	34	202

A8279 699-13-E3D

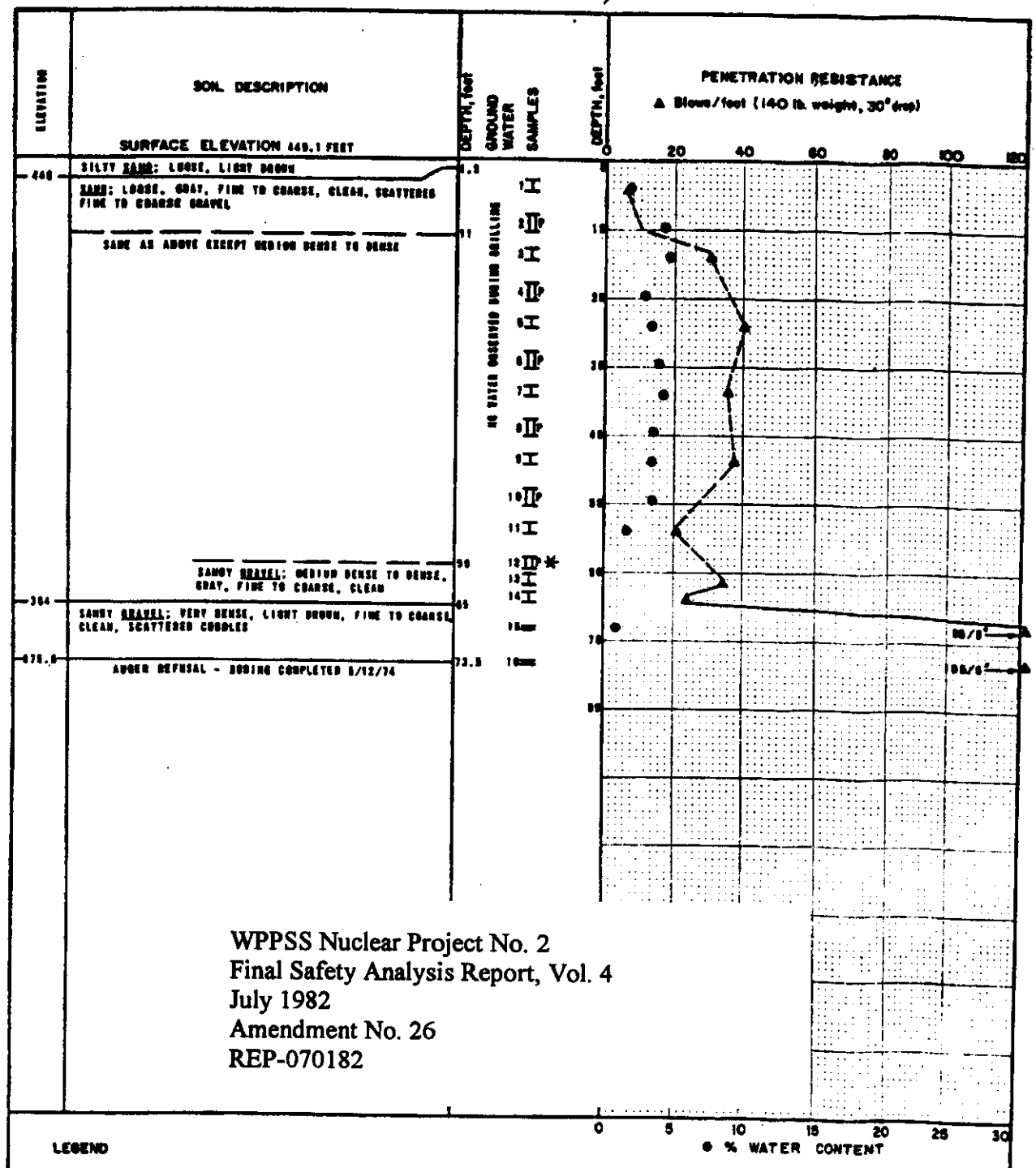
699-13-E3D (CB-4)
Location: N13070, E3280 11/28-404
Surface Elevation: 449.71
Hollow stem auger, logged by Shannon & Wilson for WPPSS, 1974, WNP-4 foundation test boring

Material (8)	Thickness	Depth
Silty sand, loose, light brown . .	2	2
Sand, loose, gray, fine to coarse, clean, scalloped fine to coarse gravel	9	11
Sand, medium dense to dense, gray, fine to coarse, clean, scattered fine to coarse gravel	48	59
Sandy gravel, medium dense to dense, gray, fine to coarse, clean	6	65
Sandy gravel, very dense, light brown, fine to coarse, clean scattered cobbles	9	74

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

699-13-E3D (A8279)

AMENDMENT 9
AUGUST 1974



WPPSS Nuclear Project No. 2
Final Safety Analysis Report, Vol. 4
July 1982
Amendment No. 26
REP-070182

LEGEND

- 2" O.D. split spoon sample
- 4.5" O.D. thick wall sample
- 3.5" O.D. thick wall sample
- 3" O.D. thin wall sample
- Grab sample
- Bag sample
- P Pushed
- PB Pitcher barrel
- ✱ Sample not recovered
- ▽ Water level
- Liquid limit (LL)
- Natural Water Content
- Plastic Limit (PL)

NOTE

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARIES BETWEEN SOIL TYPES AND THE TRANSITION MAY BE GRADUAL.

WPPSS
NUCLEAR PROJECT NO. 4

LOG OF BORING CB-4

JULY 1974 W-2685-01

SHANNON & WILSON
GEOTECHNICAL CONSULTANTS

FIG. 2P A-20

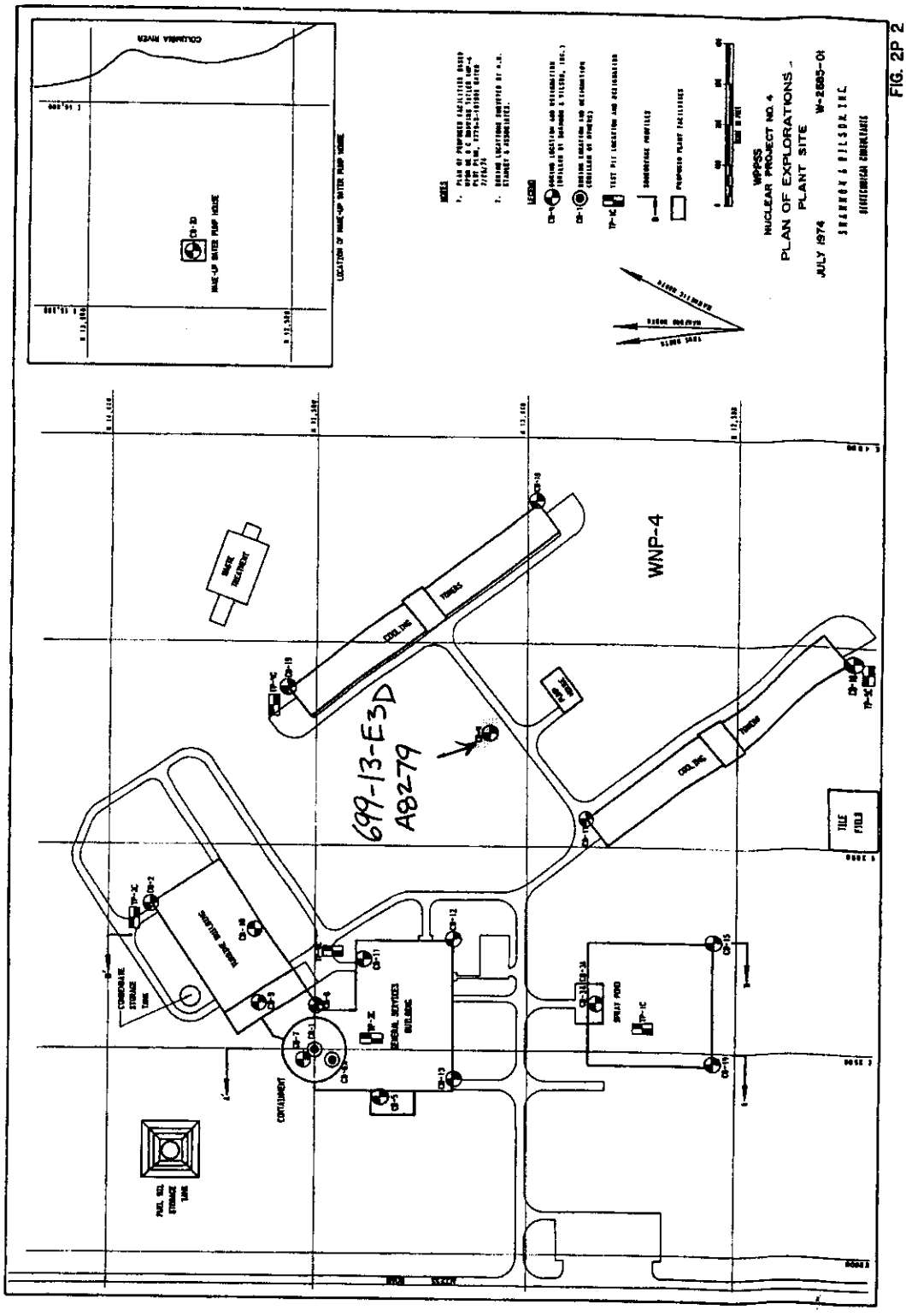


FIG. 2P 2

AMENDMENT 11
OCTOBER 1974

WPPSS Nuclear Project No. 2
Final Safety Analysis Report, Vol. 4
July 1982
Amendment No. 26
REP-070182

TABLE 2P-2

SUMMARY OF TEST BORINGS

WNP-4

Boring No.	Coordinates (Hanford Grid) N	E	Ground Surface El. MSL (ft.)	Depth Drilled (ft.)	Drilling Method*
CB-2	13900.0	2860.0	451.6	87.8	3
CB-3	12827.9	2625.3	442.1	202.0	2
CB-3AA	12829.4	2617.5	442.1		3
CB-3A	12830.3	2609.9	442.1		2
CB-4	13070.0	3280.0	449.1	73.5	3
CB-5	13344.2	2382.8	445.3	300.9	1
CB-7	13527.3	2473.4	451.3	301.1	1/3
CB-8	13496.6	2608.0	449.6	300.0	1/3
CB-9	13631.3	2612.1	449.5	75.0	3
CB-10	13643.0	2790.0	451.4	76.0	3
CB-11	13381.1	2719.1	451.9	297.0	1/2
CB-12	13175.0	2775.0	445.8	73.5	3
CB-13	13175.0	2434.0	444.0	58.1	3
CB-14	12551.2	2474.5	436.9	57.2	3
CB-15	12551.5	2774.6	442.2	70.0	3
CB-16	12205.4	3460.0	452.5	76.5	3
CB-17	12853.0	3070.0	447.9	75.0	3
CB-18	12975.0	3845.0	455.1	90.7	3
CB-19	13570.6	3389.0	456.0	84.0	3
CB-20	12740.0	1564.0	384.6	120.5	1
			Total Footage	2418.8	

599-13-E3D

* Drilling Methods

1. Top Drive Rotary
2. Rotary
3. Hollow Stem Auger

699-17-24
A8357

WELL ATTRIBUTES REPORT

WELL ID	A8357	**NORTHING**	128657	**FIELD ORDER NO**	
WELL NAME	699-17-24	**EASTING**	582578	**LAST INSPECTION**	1/1/1801
HOST WELL ID		**ELEVATION**		**CONST DATE**	
GW OPERABLE UNIT	200-PO-1	**DRILL DATE**		**CONST DEPTH**	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

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

LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	☐ INSTALLED ☑ ND ☐ INSPECTED ☐ NONE ☐ REMOVED ☐ REPLACED ☐ REPAIRED	PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ INSPECTED ☐ NONE ☐ REMOVED ☐ REPLACED ☐ REPAIRED
ACTIVITY PEFORMED BY		ACTIVITY PEFORMED BY	
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED	___/___/___
PUMP IN WELL	☐ YES ☐ NO ☑ ND	PUMP IN WELL	☐ YES ☐ NO
PUMP TESTED	☐ YES ☐ NO ☑ ND	PUMP TESTED	☐ YES ☐ NO
NEW PUMP	☐ YES ☐ NO ☑ ND	NEW PUMP	☐ YES ☐ NO
PUMP TYPE		PUMP TYPE	
PUMP MAKE		PUMP MAKE	
PUMP MODEL		PUMP MODEL	
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)	

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

LAST MEASUREMENT INFORMATION		CURRENT MEASUREMENT INFORMATION	
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)	
DEPTH TO WATER DATE		DEPTH TO WATER DATE	___/___/___
DEPTH TO BOTTOM(ft)		DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE	___/___/___
STICK UP(ft)		STICK UP(ft)	
REFERENCE MARK(ft)		REFERENCE MARK(ft)	
REFERENCE MARK IS TOC	☐ YES ☐ NO ☑ ND	REFERENCE MARK IS TOC	☐ YES ☐ NO

ND* - Not Documented

12/19/2007

WELL ATTRIBUTES REPORT

WELL ID	A8357	NORTHING	128657	FIELD ORDER NO	
WELL NAME	699-17-24	EASTING	582578	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION		CONST DATE	
GW OPERABLE UNIT	200-PO-1	DRILL DATE		CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

WELL ATTRIBUTE COMMENTS

CASING INFORMATION

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

CHANGES

SCREEN INFORMATION

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

CHANGES

PERFORATION INFORMATION

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

CHANGES

WELL NAME / WELL TYPE / PUMP TYPE	COORDINATES L 83 NS/EW	PLANT NS/EW	CASING ELEV / WELL DIAM / DATE COMPL	DRILL DEPTH / COMPL DEPTH / DEPTH WATER	PERF/SCREEN TYPE	DIAM	TOP	BOT	COMMENTS / PREVIOUS WELL NAMES
699-17-E6		17200.00	462.40	120.0					
SW		6200.00							
			12/74						1D-SP-13
699-17-E5		16600.00	453.30	108.0					
SW		5200.00							
			12/74						1D-SP-12
699-17-E3A		17300.00	461.60	115.0					
SW		3200.00							
			12/74						1C-SP-14
699-17-E3B		16800.00	461.30	119.0					
SW		3300.00							
			12/74						1C-SP-20
699-17-3		16600.00	443.70	59.0					
SW		2500.00							
			12/72						B-20
699-17-5		17450.00	433.19	105.0	P	8.0	45.0	72.0	#10 SCREEN 42-52 FT.
GW		-4500.00	8.0	105.0	S	7.0	42.0	52.6	
S			9/50	48.0					17.4-4.5, USGS
699-17-15		16743.00	535.76	730.0					
SW		-15218.00	6.0	132.0					
			4/81						S-20
699-17-24			587.77						
GW									
		17447.00	528.68	180.0					
				170.0					
				129.0					GOLDER X13
				180.0					
				177.0					
				132.0					GOLDER X14
				181.0					
				114.0					
				133.0					GOLDER X-15
699-17-26A		16675.00	523.00	140.0	P	6.0	121.0	137.0	
GW		-26346.00	6.0						
			5/81	121.0					MW-3

Hanford Wells

PNL-8800 UC-903

M.A.Chamness & J.K. Merz

August 1993

Prepared for U.S. Dept of Energy under

Contract DE-AC06-76RLO 1830

Pacific NW Lab by Battelle Memorial Institute

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A8357	699-17-24	UNKNOWN	UNKNOWN	01/01/1801	ESTIMATED	128657	582578	m	

SURVEY DATA REPORT

699-17-24

Request No. 81-029			
Project No.	Title: Well Decommissioning A8357		File No. 6AT12R27
Job No. 65400811.1225400 CA10	Prepared By Tim Johnson	Date 11/1/2007	Reviewer
Page 1 of 1			

DESCRIPTION OF WORK	DISTRIBUTION	SDR	PLOT	DWG
Attempt to locate Well A8357 at coordinates given. If found obtain coordinate and ground elevation. If different than coordinates given, obtain photo and information for WAR Report. If not found, set hub and lath and search with Schonstedt Metal Dectctor for possible casing. Probe with shovel if signal is detected.	Survey File	OR		
Horizontal Coordinate System: WCS 83S/91 (Meters)	B. Howard	1		
Vertical Datum: NAVD88 (Meters)	G.G. Kelty	1		
Equipment Used: Trimble 5800 GPS receiver..	E.C. Rafuse	1		
	W.D. Webber	1		
	S.H. Worley	1		

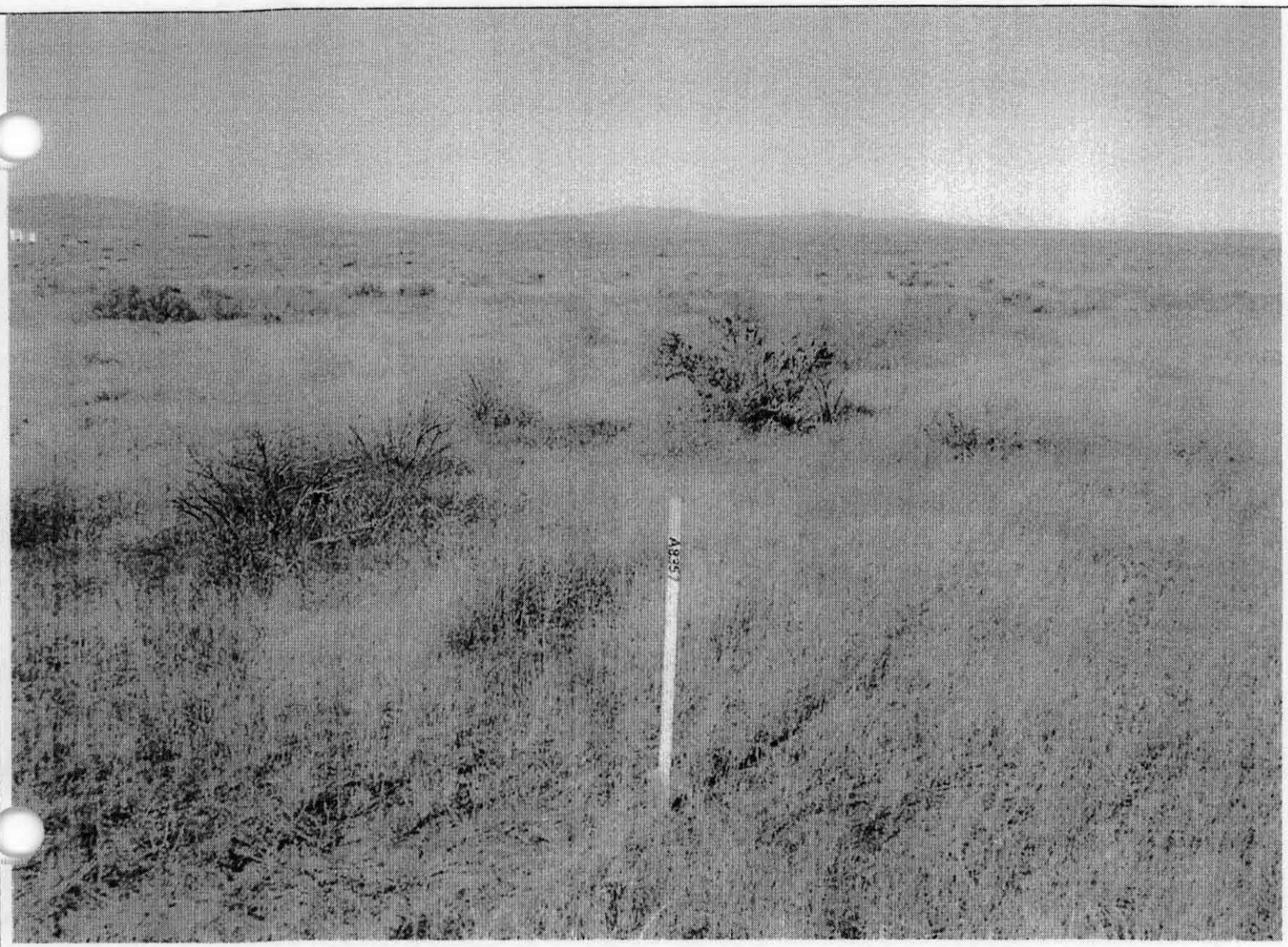
SURVEY RESULTS AND COMMENTS

Name	Northing	Easting	Description
A8357	128657.00	582578.00	No well found. Set hub and lath. Took photo. No signal detected with metal detector.

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

E-NW-246 (09/04)

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



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

SCAN DATA REPORT

Project No.:	Title: Well Decommissioning A8357	Request No.: 081-057
		File No. : 600C-001
Job No.: 65400811.1225400 CA10	Prepared by: Tim Johnson	Date: 11/1/07
		Reviewer:
		Page 1 of 1

DESCRIPTION OF WORK: Perform ground scan using Schonstedt Metal Detector to attempt to locate possible buried well casing. If signal is detected, probe with shovel. If buried casing is found obtain coordinates with GPS. Take photo. Obtain information for WAR Report. If not found withing reasonable depth, obtain coordinates of signal.

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

DATE OF FIELD INVESTIGATION: 10/25/2007

Weather: Temp 60°F Wind 5 MPH

☐ Cloudy ☒ Clear ☐ P. Cloudy ☐ Fog

Soil Conditions: ☐ Rocky ☒ Sandy ☐ Wet ☒ Dry

Depth of Investigation 5 feet

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

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

Documentation Provided:

Limits of Investigation: 20 foot diameter.

EQUIPMENT LIMITATIONS:

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

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

No significant signal was observed.