

AR TARGET SHEET

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

EDMC#: 0073852

SECTION: 2 OF 2

DOCUMENT #: N/A

TITLE: Administrative Decommissioning
for Wells Starting with A5685 199-
H4-1 Ending with A9551 199-N-9P
with Surveys

WELL ATTRIBUTES REPORT

FIELD ORDER NO
WELL ID A5706
WELL NAME 199-H4-35
HOST WELL ID _____

CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING 152460.202
EASTING 578103.559
ELEVATION 128.38

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

WELL NAME	WELL TYPE	COORDINATES		CASING ELEV	DRILL DEPTH	PERF/SCREEN			COMMENTS		
		L 83	PLANT	WELL DIAM	COMPL DEPTH	-----					
PUMP TYPE	NS/EW	NS/EW	DATE	COMPL	DEPTH	WATER	TYPE	DIAM	TOP	BOT	PREVIOUS WELL NAMES
199-H4-24	AB										SEE UNI-946 REPORT FOR RAD. RESULTS 116-H-1 U
199-H4-25	AB		94917.99								SEE UNI-946 REPORT FOR RAD. RESULTS 116-H-1 V
199-H4-26	AB		95252.60								SEE UNI-946 REPORT FOR RAD. RESULTS 100-H W
199-H4-27	AB		95847.83								SEE UNI-946 REPORT FOR RAD. RESULTS 107-H X
199-H4-28	AB		95541.06								SEE UNI-946 REPORT FOR RAD. RESULTS 107-H Y
199-H4-29	AB		95553.81								SEE UNI-946 REPORT FOR RAD. RESULTS 100-H Z
199-H4-30	AB		95842.12								SEE UNI-946 REPORT FOR RAD. RESULTS 107-H A
199-H4-31	AB		95541.50								SEE UNI-946 REPORT FOR RAD. RESULTS 107-H B
199-H4-32	AB										SEE UNI-946 REPORT FOR RAD. RESULTS 100-H C
199-H4-33	AB										SEE UNI-946 REPORT FOR RAD. RESULTS 107-H D
199-H4-34	AB										SEE UNI-946 REPORT FOR RAD. RESULTS 116-H-1 E
199-H4-35	AB		95052.55								SEE UNI-946 REPORT FOR RAD. RESULTS 116-H-1 F

Hanford Wells

PNL-8800 UC-903

M.A. Chamness & J.K. Merz

August 1993

Prepared for U.S. Dept of Energy under

Contract DE-AC06-76RLO 1830

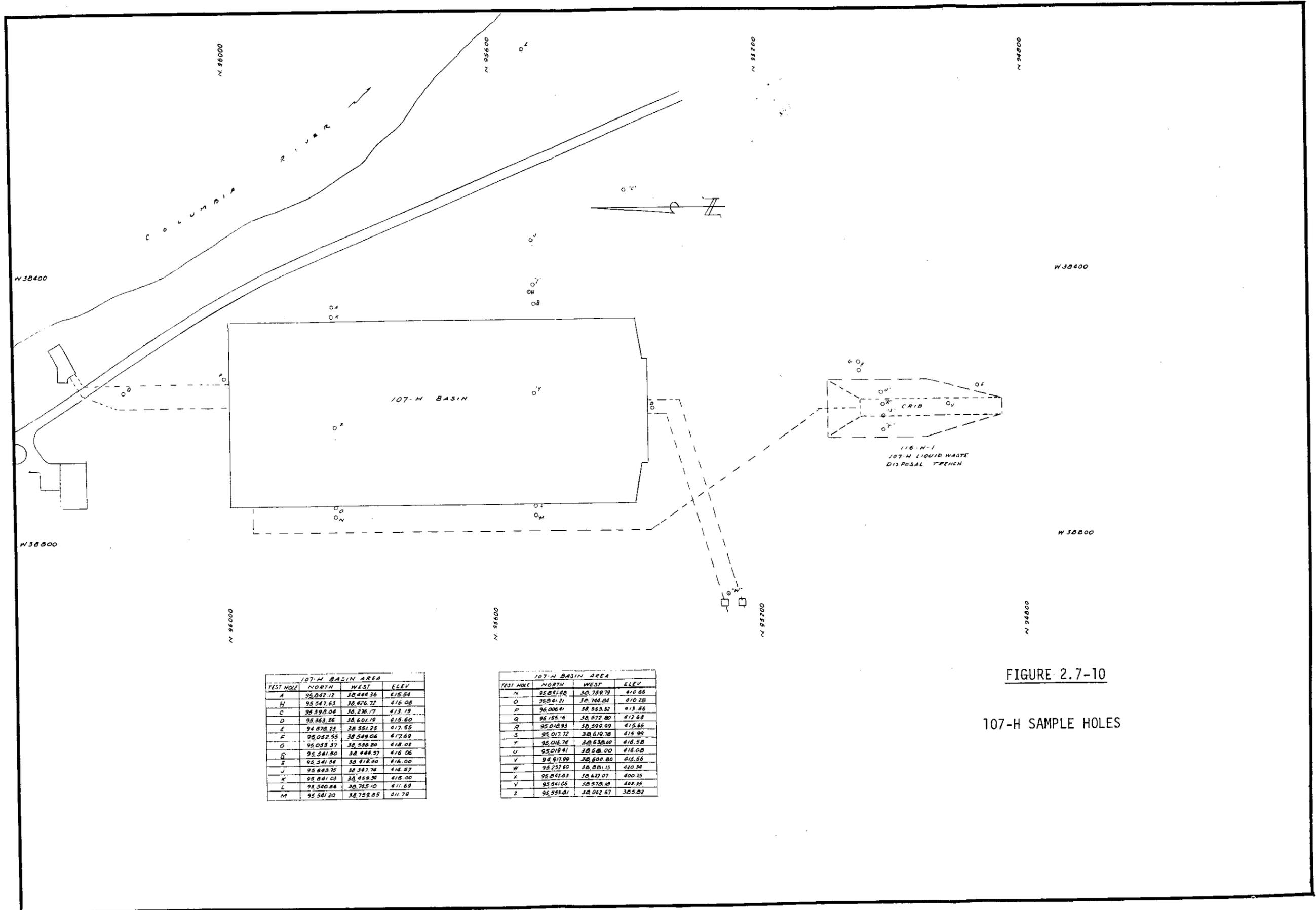
Pacific NW Lab by Battelle Memorial Institute

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A5706	199-H4-35	ABANDONED	07/22/1997	

*only
Cassidy*



107-H BASIN AREA			
TEST HOLE	NORTH	WEST	ELEV
A	95,047.12	38,444.36	415.54
H	95,547.63	38,426.72	416.08
C	95,398.04	38,276.77	413.15
D	95,363.26	38,601.19	415.60
E	94,878.23	38,551.25	417.55
F	95,052.55	38,549.06	417.69
G	95,053.37	38,526.20	418.02
Q	95,541.50	38,444.57	416.06
I	95,541.54	38,418.40	416.00
J	95,543.75	38,347.74	416.57
K	95,841.03	38,459.30	416.00
L	95,540.84	38,745.10	411.69
M	95,541.20	38,759.85	411.79

107-H BASIN AREA			
TEST HOLE	NORTH	WEST	ELEV
N	95,841.98	38,759.79	410.88
O	95,841.77	38,744.84	410.28
P	96,006.47	38,553.81	413.56
Q	96,155.16	38,572.80	412.68
R	95,012.93	38,559.99	415.86
S	95,017.72	38,619.78	415.99
T	95,016.74	38,636.00	416.58
U	95,019.41	38,580.00	416.08
V	94,917.99	38,600.80	415.86
W	95,252.60	38,881.15	420.34
X	95,841.83	38,427.07	400.25
Y	95,541.06	38,578.10	402.35
Z	95,553.01	38,062.67	385.82

FIGURE 2.7-10

107-H SAMPLE HOLES

WELL ATTRIBUTES REPORT

WELL ORDER NO
WELL ID A5707
WELL NAME 199-H4-36
HOST WELL ID

CONST DATE
CONST DEPTH

LAST INSPECTION 1/1/1801
NORTHING 152460.462
EASTING 578107.478
ELEVATION 128.481

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

WELL NAME	WELL TYPE	COORDINATES		CASING ELEV WELL DIAM	DRILL DEPTH COMPL DEPTH	PERF/SCREEN			COMMENTS	
		L 83 NS/EW	PLANT NS/EW			WELL DIAM	DEPTH WATER	TYPE		DIAM
199-H4-36	AB		95053.37 -38536.20							SEE UNI-946 REPORT FOR RAD. RE- SULTS 116-H-1 G
199-H4-37	AB									SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H H
199-H4-38	AB									SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H I
199-H4-39	AB									SEE UNI-946 REPORT FOR RAD. RE- SULTS 100-H J
199-H4-40	AB		95841.03 -38459.34							SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H K
199-H4-41	AB		95540.86 -38745.10							SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H L
199-H4-42	AB		95541.20 -38759.85							SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H M
199-H4-43	AB		95841.48 -38759.79							SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H N
199-H4-44	AB		95841.21 -38744.84							SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H O
199-H4-45	GW	152433.60 578156.56	94975.50 -38374.70	4.0 4/92	54.5 52.8 38.8	S	4.0	32.2	52.8	H1
199-H4-46	GW	152440.06 577884.01	94998.80 -39268.80	4.0 3/92	61.5 59.5 44.9	S	4.0	38.7	59.5	H3
199-H4-47	GW	152553.52 577891.37	95371.01 -39243.80	4.0 3/92	59.9 59.5 44.6	S	4.0	38.8	59.6	H4

Hanford Wells

PNL-8800 UC-903

M. A. Chamness & J. K. Merz

August 1993

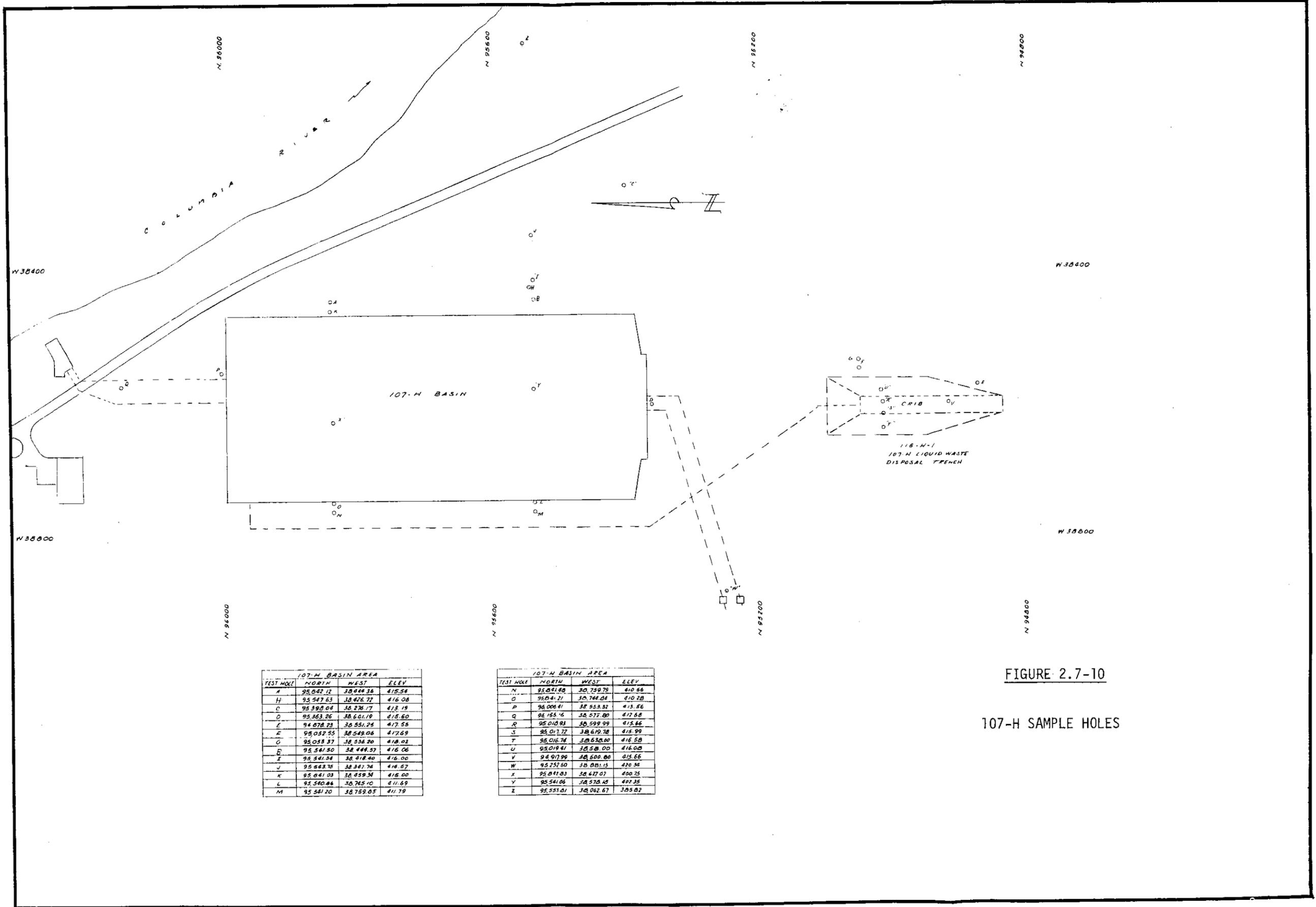
Prepared for U. S. Dept of Energy under
Contract DE-AC06-76RLO 1830
Pacific NW Lab by Battelle Memorial Institute

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A5707	199-H4-36	ABANDONED	07/22/1997	

*only
Covers*



TEST HOLE	107-H BASIN AREA		
	NORTH	WEST	ELEV
A	95,842.12	38,044.36	415.58
H	95,547.63	38,426.77	416.08
C	95,390.08	38,226.17	413.19
D	95,363.26	38,601.19	415.60
E	94,878.73	38,551.25	417.55
F	95,052.55	38,549.06	417.69
G	95,053.37	38,536.20	418.02
B	95,541.50	38,444.57	416.06
I	95,541.54	38,418.40	416.00
J	95,443.75	38,347.74	418.57
K	95,041.03	38,459.54	416.00
L	95,540.84	38,745.10	411.69
M	95,541.20	38,759.05	411.79

TEST HOLE	107-H BASIN AREA		
	NORTH	WEST	ELEV
N	95,841.48	38,759.72	410.88
O	95,841.31	38,744.04	410.28
P	96,006.41	38,553.32	413.86
Q	96,155.16	38,572.80	417.68
R	95,010.93	38,599.99	413.66
S	95,017.72	38,619.78	418.99
T	95,016.74	38,638.00	416.58
U	95,018.47	38,528.00	416.00
V	94,917.99	38,600.00	415.66
W	95,252.60	38,881.13	420.34
X	95,841.83	38,427.07	400.25
Y	95,541.06	38,570.42	407.35
Z	95,551.01	38,062.67	385.82

FIGURE 2.7-10

107-H SAMPLE HOLES

WELL ATTRIBUTES REPORT

WELL ORDER NO _____
WELL ID A5708
WELL NAME 199-H4-37
HOST WELL ID _____

CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING 152611.186
EASTING 578140.475
ELEVATION 127.889

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

WELL NAME	COORDINATES		CASING ELEV WELL DIAM	DRILL DEPTH COMPL DEPTH DEPTH WATER	PERF/SCREEN			COMMENTS		
	WELL TYPE PUMP TYPE	L 83 NS/EW			PLANT NS/EW	DATE COMPL	TYPE		DIAM	TOP
199-H4-36	AB		95053.37 -38536.20						SEE UNI-946 REPORT FOR RAD. RE- SULTS 116-H-1 G	
199-H4-37	AB		95547.63 -38426.72						SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H H	
199-H4-38	AB								SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H I	
199-H4-39	AB								SEE UNI-946 REPORT FOR RAD. RE- SULTS 100-H J	
199-H4-40	AB								SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H K	
199-H4-41	AB		95540.86 -38745.10						SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H L	
199-H4-42	AB		95541.20 -38759.85						SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H M	
199-H4-43	AB		95841.48 -38759.79						SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H N	
199-H4-44	AB		95841.21 -38744.84						SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H O	
199-H4-45	GW	152433.60 578156.56	94975.50 -38374.70	4.0 4/92	54.5 52.8 38.8	S	4.0	32.2	52.8	H1
199-H4-46	GW	152440.06 577884.01	94998.80 -39268.80	4.0 3/92	61.5 59.5 44.9	S	4.0	38.7	59.5	H3
199-H4-47	GW	152553.52 577891.37	95371.01 -39243.80	4.0 3/92	59.9 59.5 44.6	S	4.0	38.8	59.6	H4

Hanford Wells

PNL-8800 UC-903

M. A. Chamness & J. K. Merz

August 1993

Prepared for U. S. Dept of Energy under

Contract DE-AC06-76RLO 1830

Pacific NW Lab by Battelle Memorial Institute

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A5708	199-H4-37	ABANDONED	07/22/1997	

*Only
Covers*

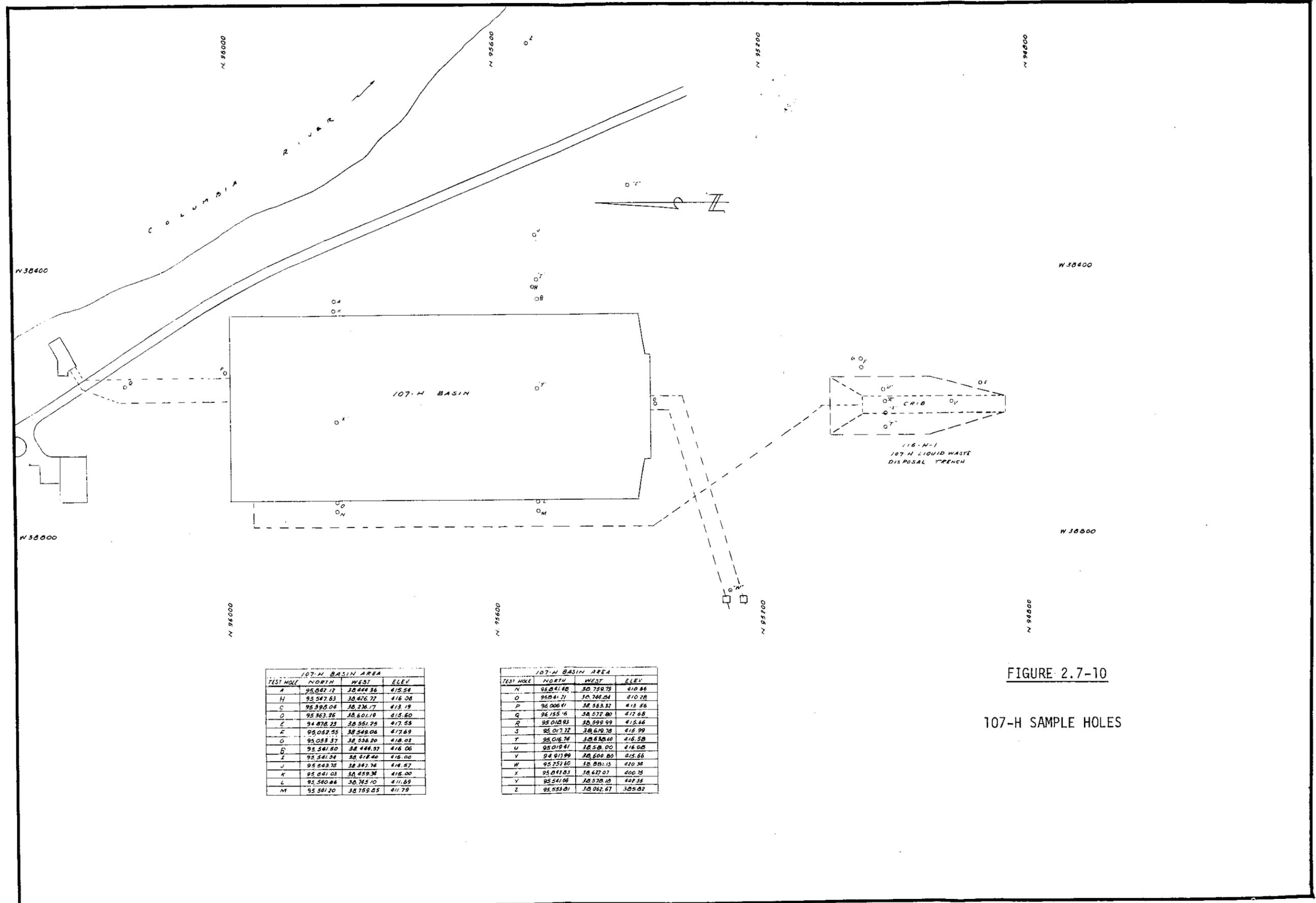


FIGURE 2.7-10

107-H SAMPLE HOLES

WELL ATTRIBUTES REPORT

WELL ORDER NO
WELL ID A5709
WELL NAME 199-H4-38
HOST WELL ID _____

CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING 152609.336
EASTING 578143.016
ELEVATION 127.865

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

WELL NAME	COORDINATES		CASING ELEV WELL DIAM DATE COMPL	DRILL DEPTH COMPL DEPTH DEPTH WATER	PERF/SCREEN			COMMENTS
	WELL TYPE PUMP TYPE	L 83 NS/EW			PLANT NS/EW	TYPE	DIAM	
199-H4-36	AB	95053.37 -38536.20						SEE UNI-946 REPORT FOR RAD. RE- SULTS 116-H-1 G
199-H4-37	AB	95547.63 -38426.72						SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H H
199-H4-38	AB	95541.54 -38418.40						SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H I
199-H4-39	AB							SEE UNI-946 REPORT FOR RAD. RE- SULTS 100-H J
199-H4-40	AB							SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H K
199-H4-41	AB							SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H L
199-H4-42	AB	95541.20 -38759.85						SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H M
199-H4-43	AB	95841.48 -38759.79						SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H N
199-H4-44	AB	95841.21 -38744.84						SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H O
199-H4-45	GW	152433.60 94975.50 578156.56 -38374.70	4.0 4/92	54.5 52.8 38.8	S	4.0	32.2	52.8 H1
199-H4-46	GW	152440.06 94998.80 577884.01 -39268.80	4.0 3/92	61.5 59.5 44.9	S	4.0	38.7	59.5 H3
199-H4-47	GW	152553.52 95371.01 577891.37 -39243.80	4.0 3/92	59.9 59.5 44.6	S	4.0	38.8	59.6 H4

Hanford Wells

PNL-8800 UC-903

M. A. Chamness & J. K. Merz

August 1993

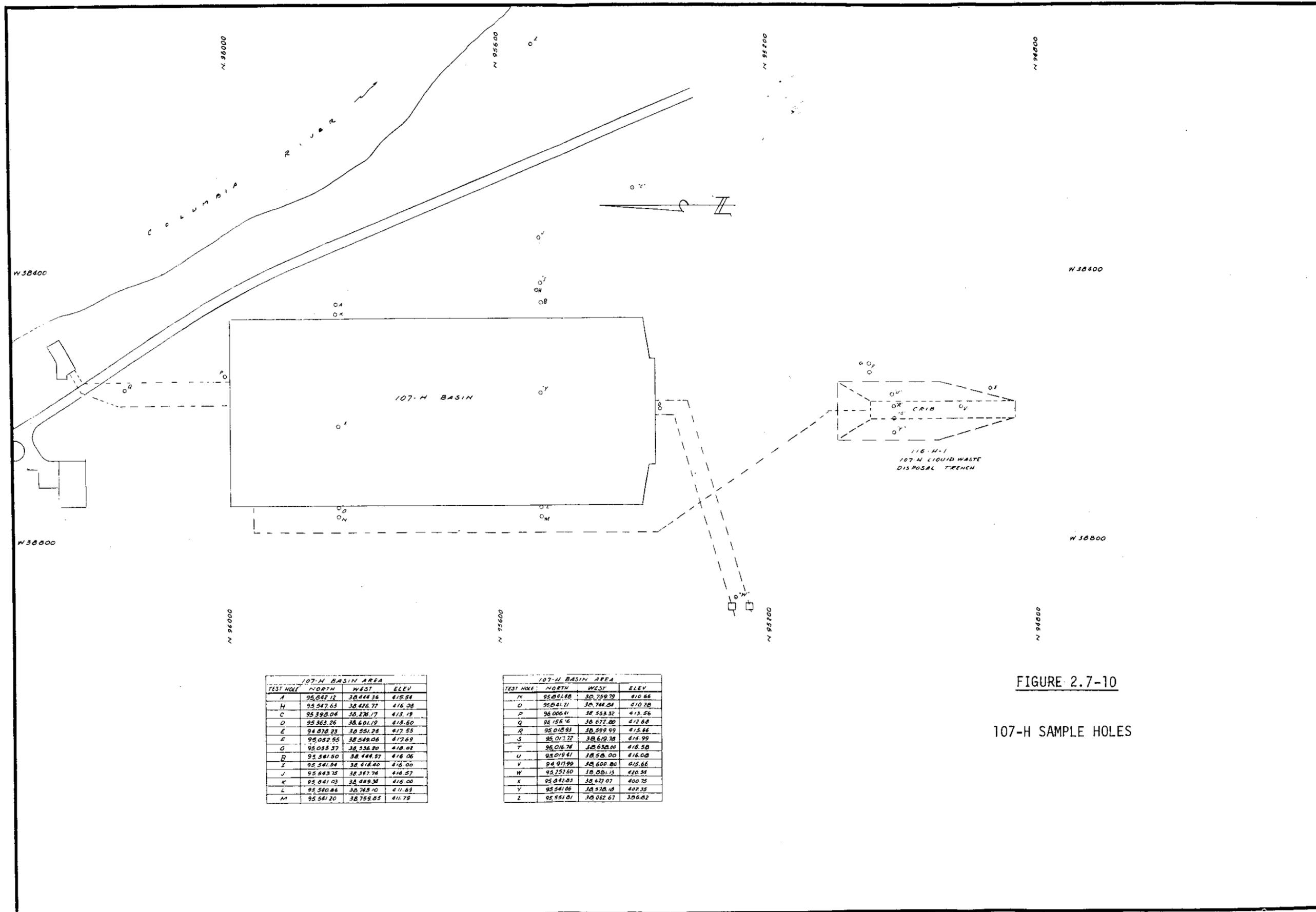
Prepared for U. S. Dept of Energy under
Contract DE-AC06-76RLO 1830
Pacific NW Lab by Battelle Memorial Institute

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A5709	199-H4-38	ABANDONED	07/22/1997	

*only
woods*



107-H BASIN AREA			
TEST HOLE	NORTH	WEST	ELEV
A	95,042.12	38,444.36	415.84
H	95,547.63	38,426.71	416.28
C	95,328.04	38,226.17	413.19
D	95,363.26	38,401.19	415.60
E	94,878.23	38,551.24	417.25
F	95,052.55	38,549.06	417.69
G	95,033.37	38,536.20	418.02
B	95,341.50	38,444.57	416.06
I	95,541.24	38,416.40	416.00
J	95,543.75	38,347.74	416.27
K	95,041.03	38,489.34	416.00
L	95,380.86	38,743.70	411.89
M	95,541.20	38,758.85	411.79

107-H BASIN AREA			
TEST HOLE	NORTH	WEST	ELEV
N	95,041.88	38,759.79	410.86
O	95,041.21	38,744.04	410.28
P	96,006.41	38,533.32	413.56
Q	96,155.16	38,572.80	412.68
R	95,015.91	38,599.09	415.66
S	95,017.22	38,619.38	415.99
T	95,016.74	38,630.00	416.58
U	95,019.41	38,528.00	416.00
V	94,917.99	38,600.80	415.66
W	95,251.60	38,051.13	420.34
X	95,041.03	38,427.07	400.75
Y	95,541.06	38,518.13	407.33
Z	95,551.01	38,062.67	395.02

FIGURE 2.7-10

107-H SAMPLE HOLES

WELL ATTRIBUTES REPORT

WELL ORDER NO _____
WELL ID A5710
WELL NAME 199-H4-39
HOST WELL ID _____

CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING 152610.062
EASTING 578164.55
ELEVATION 127.429

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

WELL NAME	WELL TYPE PUMP TYPE	COORDINATES		CASING ELEV	DRILL DEPTH	PERF/SCREEN			COMMENTS
		L 83 NS/EW	PLANT NS/EW	WELL DIAM DATE_COMPL	COMPL_DEPTH DEPTH_WATER	TYPE	DIAM	TOP	BOT
199-H4-36	AB		95053.37 -38536.20						SEE UNI-946 REPORT FOR RAD. RESULTS 116-H-1 G
199-H4-37	AB		95547.63 -38426.72						SEE UNI-946 REPORT FOR RAD. RESULTS 107-H H
199-H4-38	AB		95541.54 -38418.40						SEE UNI-946 REPORT FOR RAD. RESULTS 107-H I
199-H4-39	AB		95543.75 -38347.74						SEE UNI-946 REPORT FOR RAD. RESULTS 100-H J
199-H4-40	AB								SEE UNI-946 REPORT FOR RAD. RESULTS 107-H K
199-H4-41	AB								SEE UNI-946 REPORT FOR RAD. RESULTS 107-H L
199-H4-42	AB								SEE UNI-946 REPORT FOR RAD. RESULTS 107-H M
199-H4-43	AB		95841.48 -38759.79						SEE UNI-946 REPORT FOR RAD. RESULTS 107-H N
199-H4-44	AB		95841.21 -38744.84						SEE UNI-946 REPORT FOR RAD. RESULTS 107-H O
199-H4-45	GW	152433.60 578156.56	94975.50 -38374.70	4.0 4/92	54.5 52.8 38.8	S	4.0	32.2	52.8 H1
199-H4-46	GW	152440.06 577884.01	94998.80 -39268.80	4.0 3/92	61.5 59.5 44.9	S	4.0	38.7	59.5 H3
199-H4-47	GW	152553.52 577891.37	95371.01 -39243.80	4.0 3/92	59.9 59.5 44.6	S	4.0	38.8	59.6 H4

Hanford Wells

PNL-8800 UC-903

M. A. Chamness & J. K. Merz

August 1993

Prepared for U. S. Dept of Energy under

Contract DE-AC06-76RLO 1830

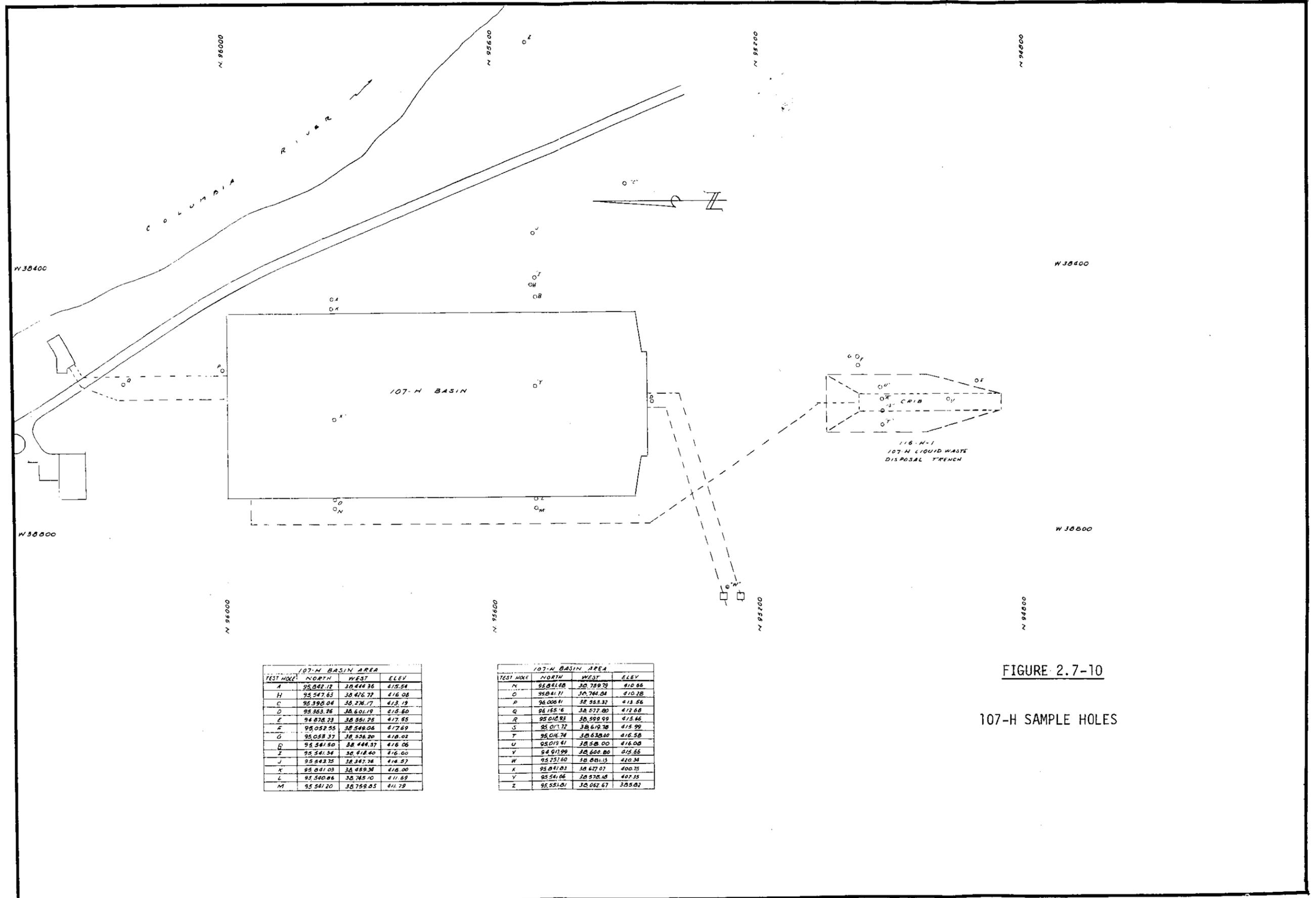
Pacific NW Lab by Battelle Memorial Institute

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A5710	199-H4-39	ABANDONED	07/22/1997	

*only
coords*



107-H BASIN AREA			
TEST HOLE	NORTH	WEST	ELEV
A	95,842.12	38,444.36	415.54
H	95,547.63	38,426.77	416.08
C	95,398.04	38,276.17	413.19
D	95,363.26	38,601.19	415.60
E	94,878.23	38,561.75	417.55
F	95,052.55	38,548.06	417.69
G	95,053.37	38,526.20	418.02
H	95,341.50	38,444.57	416.06
I	95,341.54	38,418.40	416.00
J	95,243.75	38,347.74	414.57
K	95,241.03	38,459.30	418.00
L	95,590.86	38,745.10	411.69
M	95,541.20	38,759.85	411.79

107-H BASIN AREA			
TEST HOLE	NORTH	WEST	ELEV
N	95,841.08	38,759.79	410.66
O	95,841.77	38,744.34	410.28
P	95,006.91	38,563.32	413.56
Q	95,155.16	38,577.80	412.68
R	95,016.83	38,599.99	415.66
S	95,017.72	38,619.76	415.99
T	95,016.74	38,638.00	416.58
U	95,015.41	38,588.00	416.08
V	94,917.99	38,608.80	415.66
W	95,257.60	38,881.13	420.34
X	95,847.83	38,427.07	400.75
Y	95,541.06	38,578.48	407.35
Z	95,553.01	38,062.67	385.82

FIGURE 2.7-10

107-H SAMPLE HOLES

199-H4-40

WELL ATTRIBUTES REPORT

WELL ORDER NO
WELL ID A5711
WELL NAME 199-H4-40
HOST WELL ID

CONST DATE
CONST DEPTH

LAST INSPECTION 1/1/1801
NORTHING 152700.585
EASTING 578130.313
ELEVATION 127.56

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

WELL NAME	WELL TYPE PUMP TYPE	COORDINATES		CASING ELEV	DRILL DEPTH	PERF/SCREEN			COMMENTS
		L 83 NS/EW	PLANT NS/EW	WELL DIAM DATE COMPL	COMPL DEPTH DEPTH WATER	TYPE	DIAM	TOP	BOT
199-H4-36	AB		95053.37 -38536.20						SEE UNI-946 REPORT FOR RAD. RE- SULTS 116-H-1 G
199-H4-37	AB		95547.63 -38426.72						SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H H
199-H4-38	AB		95541.54 -38418.40						SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H I
199-H4-39	AB		95543.75 -38347.74						SEE UNI-946 REPORT FOR RAD. RE- SULTS 100-H J
199-H4-40	AB		95841.03 -38459.34						SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H K
199-H4-41	AB								SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H L
199-H4-42	AB								SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H M
199-H4-43	AB								SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H N
199-H4-44	AB		95841.21 -38744.84						SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H O
199-H4-45	GW	152433.60 578156.56	94975.50 -38374.70	4.0 4/92	54.5 52.8 38.8	S	4.0	32.2	52.8 H1
199-H4-46	GW	152440.06 577884.01	94998.80 -39268.80	4.0 3/92	61.5 59.5 44.9	S	4.0	38.7	59.5 H3
199-H4-47	GW	152553.52 577891.37	95371.01 -39243.80	4.0 3/92	59.9 59.5 44.6	S	4.0	38.8	59.6 H4

Hanford Wells

PNL-8800 UC-903

M. A. Chamness & J. K. Merz

August 1993

Prepared for U. S. Dept of Energy under

Contract DE-AC06-76RLO 1830

Pacific NW Lab by Battelle Memorial Institute

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A5711	199-H4-40	ABANDONED	07/22/1997	

*only
coords*

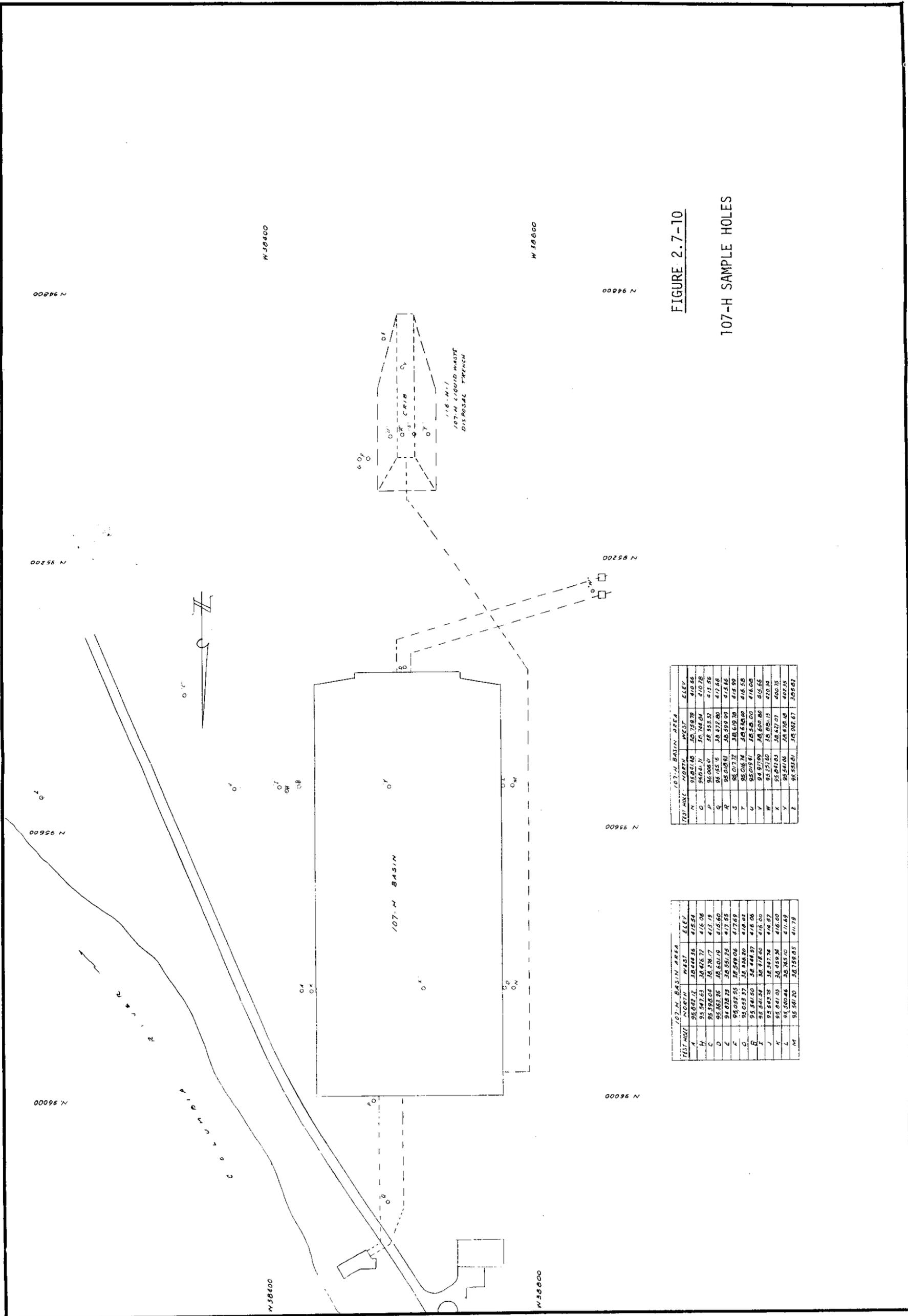


FIGURE 2.7-10

107-H SAMPLE HOLES

107-H BASIN AREA			
TEST HOLE	NORTH	WEST	ELEV.
N	95821.85	38,759.78	410.88
O	95821.71	38,744.04	410.28
P	95,806.71	38,553.32	413.56
Q	95,555.16	38,572.80	412.68
R	95,028.83	38,599.99	415.46
S	95,077.72	38,619.78	418.99
T	95,016.74	38,634.00	416.69
U	95,033.81	38,538.00	416.08
V	94,917.90	38,600.86	416.65
W	94,753.60	38,891.13	420.38
X	94,841.83	38,837.07	400.35
Y	94,951.18	38,916.18	414.93
Z	94,928.87	38,922.87	389.81

107-H BASIN AREA			
TEST HOLE	NORTH	WEST	ELEV.
A	95,822.12	38,648.38	415.54
B	94,947.63	38,476.72	416.06
C	94,928.04	38,328.17	413.19
D	94,963.26	38,601.18	416.60
E	94,878.78	38,561.26	417.55
F	94,015.15	38,529.00	417.69
G	94,023.22	38,444.39	416.92
H	94,941.86	38,444.39	416.06
I	94,941.86	38,444.39	416.06
J	94,941.86	38,444.39	416.06
K	94,941.86	38,444.39	416.06
L	94,941.86	38,444.39	416.06
M	94,941.86	38,444.39	416.06

WELL ATTRIBUTES REPORT

WELL ORDER NO
WELL ID A5712
WELL NAME 199-H4-41
HOST WELL ID _____

CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING 152608.885
EASTING 578043.443
ELEVATION 126.551

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

WELL NAME	COORDINATES		CASING ELEV	DRILL DEPTH	PERF/SCREEN			COMMENTS		
	WELL TYPE	L 83	PLANT	WELL DIAM	COMPL DEPTH	-----	-----	PREVIOUS WELL NAMES		
PUMP TYPE	NS/EW	NS/EW	DATE COMPL	DEPTH WATER	TYPE	DIAM	TOP	BOT		
199-H4-36	AB		95053.37 -38536.20						SEE UNI-946 REPORT FOR RAD. RESULTS 116-H-1 G	
199-H4-37	AB		95547.63 -38426.72						SEE UNI-946 REPORT FOR RAD. RESULTS 107-H H	
199-H4-38	AB		95541.54 -38418.40						SEE UNI-946 REPORT FOR RAD. RESULTS 107-H I	
199-H4-39	AB		95543.75 -38347.74						SEE UNI-946 REPORT FOR RAD. RESULTS 100-H J	
199-H4-40	AB		95841.03 -38459.34						SEE UNI-946 REPORT FOR RAD. RESULTS 107-H K	
199-H4-41	AB		95540.86 -38745.10						SEE UNI-946 REPORT FOR RAD. RESULTS 107-H L	
199-H4-42	AB								SEE UNI-946 REPORT FOR RAD. RESULTS 107-H M	
199-H4-43	AB								SEE UNI-946 REPORT FOR RAD. RESULTS 107-H N	
199-H4-44	AB								SEE UNI-946 REPORT FOR RAD. RESULTS 107-H O	
199-H4-45	GW	152433.60 578156.56	94975.50 -38374.70	4.0 4/92	54.5 52.8 38.8	S	4.0	32.2	52.8	H1
199-H4-46	GW	152440.06 577884.01	94998.80 -39268.80	4.0 3/92	61.5 59.5 44.9	S	4.0	38.7	59.5	H3
199-H4-47	GW	152553.52 577891.37	95371.01 -39243.80	4.0 3/92	59.9 59.5 44.6	S	4.0	38.8	59.6	H4

Hanford Wells

PNL-8800 UC-903

M. A. Chamness & J. K. Merz

August 1993

Prepared for U. S. Dept of Energy under

Contract DE-AC06-76RLO 1830

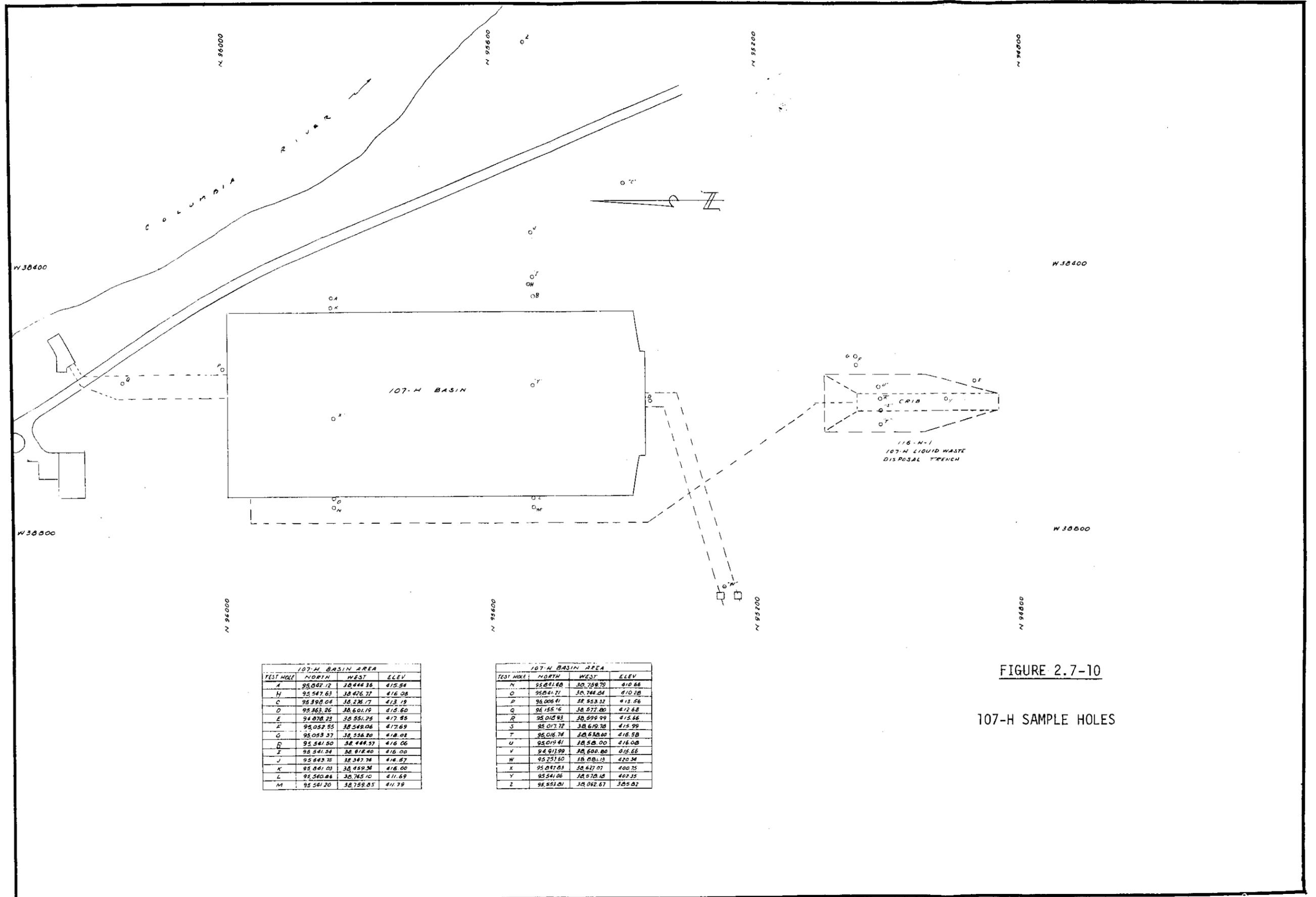
Pacific NW Lab by Battelle Memorial Institute

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A5712	199-H4-41	ABANDONED	07/22/1997	

*only
Covers*



TEST HOLE	107-H BASIN AREA		
	NORTH	WEST	ELEV
A	95,047.12	38,444.36	415.54
H	95,547.63	38,476.77	416.08
C	95,390.04	38,276.77	413.13
D	95,363.26	38,601.19	415.60
E	94,078.23	38,551.29	417.95
F	95,057.55	38,549.06	417.69
G	95,053.37	38,538.80	418.02
B	95,541.50	38,444.37	416.06
I	95,541.54	38,474.40	416.00
J	95,643.75	38,347.74	416.57
K	95,861.03	38,459.34	416.00
L	95,340.86	38,745.10	411.69
M	95,581.20	38,759.85	411.79

TEST HOLE	107-N BASIN AREA		
	NORTH	WEST	ELEV
N	95,821.48	38,758.70	410.68
O	95,841.71	38,744.04	410.28
P	95,008.41	38,553.31	413.56
Q	95,155.16	38,572.80	412.68
R	95,018.83	38,599.99	415.66
S	95,017.72	38,619.78	415.99
T	95,016.74	38,630.80	416.58
U	95,014.41	38,585.00	416.08
V	94,911.99	38,600.80	415.66
W	95,251.60	38,881.13	420.34
X	95,047.83	38,627.07	400.75
Y	95,541.06	38,870.18	407.35
Z	95,533.01	38,062.67	385.82

FIGURE 2.7-10

107-H SAMPLE HOLES

WELL ATTRIBUTES REPORT

WELL ORDER NO _____
WELL ID A5713
WELL NAME 199-H4-42
HOST WELL ID _____

CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING 152608.978
EASTING 578038.947
ELEVATION 126.582

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

WELL NAME	WELL TYPE PUMP TYPE	COORDINATES		CASING ELEV	DRILL DEPTH	PERF/SCREEN			COMMENTS	
		L 83 NS/EW	PLANT NS/EW	WELL DIAM DATE_COMPL	COMPL DEPTH DEPTH_WATER	TYPE	DIAM	TOP	BOT	PREVIOUS WELL NAMES
199-H4-36	AB		95053.37 -38536.20						SEE UNI-946 REPORT FOR RAD. RE- SULTS 116-H-1 G	
199-H4-37	AB		95547.63 -38426.72						SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H H	
199-H4-38	AB		95541.54 -38418.40						SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H I	
199-H4-39	AB		95543.75 -38347.74						SEE UNI-946 REPORT FOR RAD. RE- SULTS 100-H J	
199-H4-40	AB		95841.03 -38459.34						SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H K	
199-H4-41	AB		95540.86 -38745.10						SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H L	
199-H4-42	AB		95541.20 -38759.85						SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H M	
199-H4-43	AB								SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H N	
199-H4-44	AB								SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H O	
199-H4-45	GW	1 5					4.0	32.2	52.8	
					4/92		38.8			H1
199-H4-46	GW		152440.06 94998.80 577884.01 -39268.80				4.0	38.7	59.5	
					3/92		44.9			H3
199-H4-47	GW		152553.52 95371.01 577891.37 -39243.80				4.0	38.8	59.6	
					3/92		44.6			H4

Hanford Wells

PNL-8800 UC-903

M. A. Chamness & J. K. Merz

August 1993

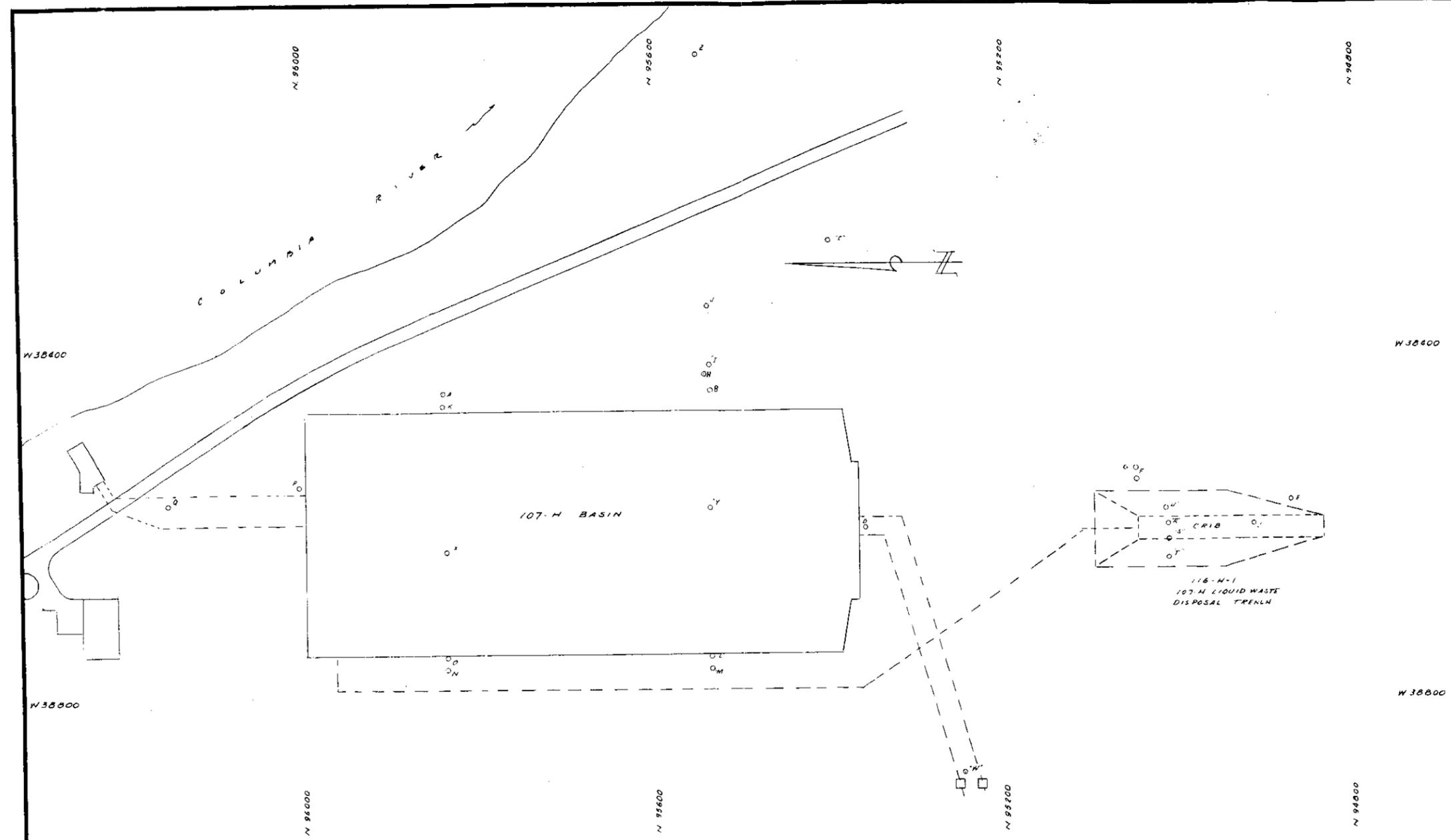
Prepared for U. S. Dept of Energy under

Contract DE-AC06-76RLO 1830

Pacific NW Lab by Battelle Memorial Institute

HWIS Interface - Well History Information - Drilling

ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE	DATE
A5713	199-H4-42	01/01/1801						



107-H BASIN AREA			
TEST HOLE	NORTH	WEST	ELEV
A	95,842.12	38,448.36	415.54
H	95,547.63	38,476.77	416.08
C	95,398.04	38,276.77	413.19
D	95,363.26	38,601.19	415.60
E	94,878.23	38,351.25	417.55
F	95,057.55	38,549.06	417.69
G	95,053.37	38,336.20	418.02
B	95,341.50	38,448.37	416.06
I	95,247.34	38,412.80	416.00
J	95,243.25	38,347.74	414.57
K	95,241.03	38,459.30	415.00
L	95,240.86	38,745.10	411.63
M	95,541.20	38,759.65	411.79

107-H BASIN AREA			
TEST HOLE	NORTH	WEST	ELEV
N	95,841.48	38,759.79	410.66
O	95,841.21	38,744.04	410.28
P	95,006.11	38,563.32	413.56
Q	95,155.9	38,572.80	412.88
R	95,018.81	38,599.99	413.46
S	95,017.32	38,619.78	413.99
T	95,016.74	38,630.60	416.58
U	95,019.41	38,508.00	416.08
V	94,911.99	38,600.80	415.65
W	95,257.60	38,081.13	420.30
X	95,841.33	38,627.07	400.75
Y	95,541.56	38,870.40	407.35
Z	95,550.01	38,082.67	385.87

FIGURE 2.7-10

107-H SAMPLE HOLES

WELL ATTRIBUTES REPORT

FIELD ORDER NO
WELL ID A5714
WELL NAME 199-H4-43
HOST WELL ID _____

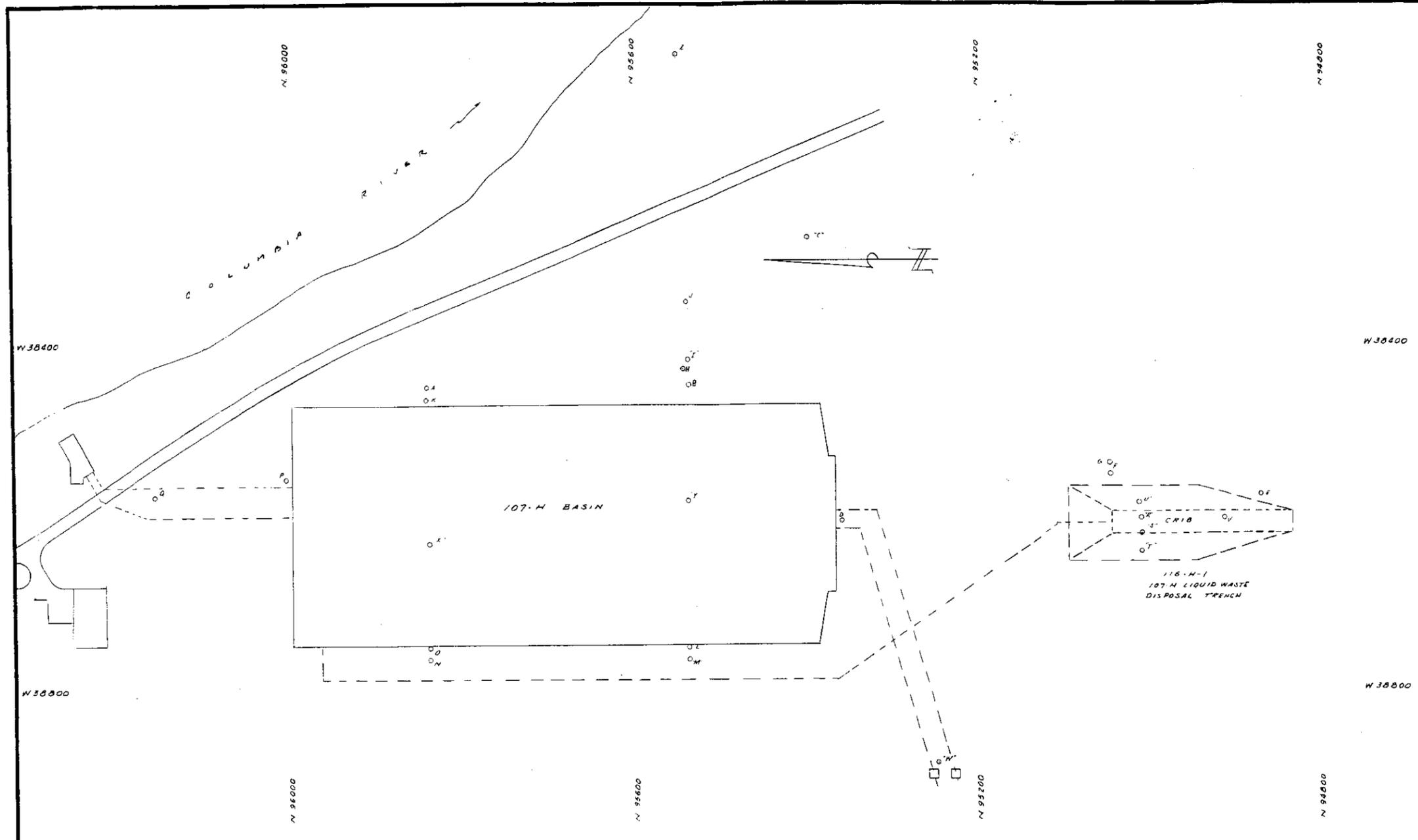
CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING 152700.499
EASTING 578038.74
ELEVATION 126.237

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

WELL NAME	WELL TYPE	COORDINATES		CASING ELEV	DRILL DEPTH	PERF/SCREEN			COMMENTS
		L 83	PLANT	WELL DIAM	COMPL DEPTH	TYPE	DIAM	TOP	BOT
PUMP TYPE	NS/EW	NS/EW	DATE COMPL	DEPTH WATER					
199-H4-36	AB		95053.37						SEE UNI-946 REPORT FOR RAD. RESULTS 116-H-1 G
199-H4-37	AB		95547.63						SEE UNI-946 REPORT FOR RAD. RESULTS 107-H H
199-H4-38	AB		95541.54						SEE UNI-946 REPORT FOR RAD. RESULTS 107-H I
199-H4-39	AB		95543.75						SEE UNI-946 REPORT FOR RAD. RESULTS 100-H J
199-H4-40	AB		95841.03						SEE UNI-946 REPORT FOR RAD. RESULTS 107-H K
199-H4-41	AB		95540.86						SEE UNI-946 REPORT FOR RAD. RESULTS 107-H L
199-H4-42	AB		95541.20						SEE UNI-946 REPORT FOR RAD. RESULTS 107-H M
199-H4-43	AB		95841.48						SEE UNI-946 REPORT FOR RAD. RESULTS 107-H N
199-H4-44	AB								SEE UNI-946 REPORT FOR RAD. RESULTS 107-H O
Hanford Wells									
PNL-8800 UC-903									
199-H4-45	GW	152433 578156		M. A. Chamness & J. K. Merz			32.2	52.8	
August 1993									
Prepared for U. S. Dept of Energy under									
Contract DE-AC06-76RLO 1830									
199-H4-46	GW	152440 577884		Pacific NW Lab by Battelle Memorial Institute			38.7	59.5	H1

199-H4-47	GW	152553.52 577891.37	95371.01 -39243.80				4.0 3/92	59.9 59.5 44.6	S 4.0 38.8 59.6 H4



107-H BASIN AREA			
TEST HOLE	NORTH	WEST	ELEV.
A	95,842.12	38,444.36	415.54
H	95,547.63	38,426.77	416.08
C	95,396.04	38,276.77	413.19
D	95,363.26	38,601.79	416.60
E	94,878.23	38,351.25	417.53
F	95,032.55	38,548.06	417.69
G	95,033.37	38,336.20	418.02
B	95,541.50	38,444.57	416.06
I	95,541.34	38,418.40	416.00
J	95,543.75	38,347.74	416.57
K	95,841.03	38,459.34	416.00
L	95,580.86	38,745.10	411.69
M	95,541.20	38,759.83	411.79

107-H BASIN AREA			
TEST HOLE	NORTH	WEST	ELEV.
N	95,811.48	38,759.29	410.66
O	95,841.71	38,764.84	410.28
P	96,006.41	38,553.82	413.56
Q	96,155.6	38,577.80	412.68
R	95,018.81	38,599.99	415.66
S	95,017.77	38,619.78	416.99
T	95,016.74	38,638.00	416.58
U	95,019.41	38,528.00	416.08
V	94,911.99	38,600.80	415.66
W	95,751.60	38,881.13	420.34
X	95,891.93	38,627.07	400.75
Y	95,541.06	38,378.18	408.35
Z	95,593.01	38,062.67	385.87

FIGURE 2.7-10

107-H SAMPLE HOLES

WELL ATTRIBUTES REPORT

WELL ORDER NO
WELL ID A5715
WELL NAME 199-H4-44
HOST WELL ID _____

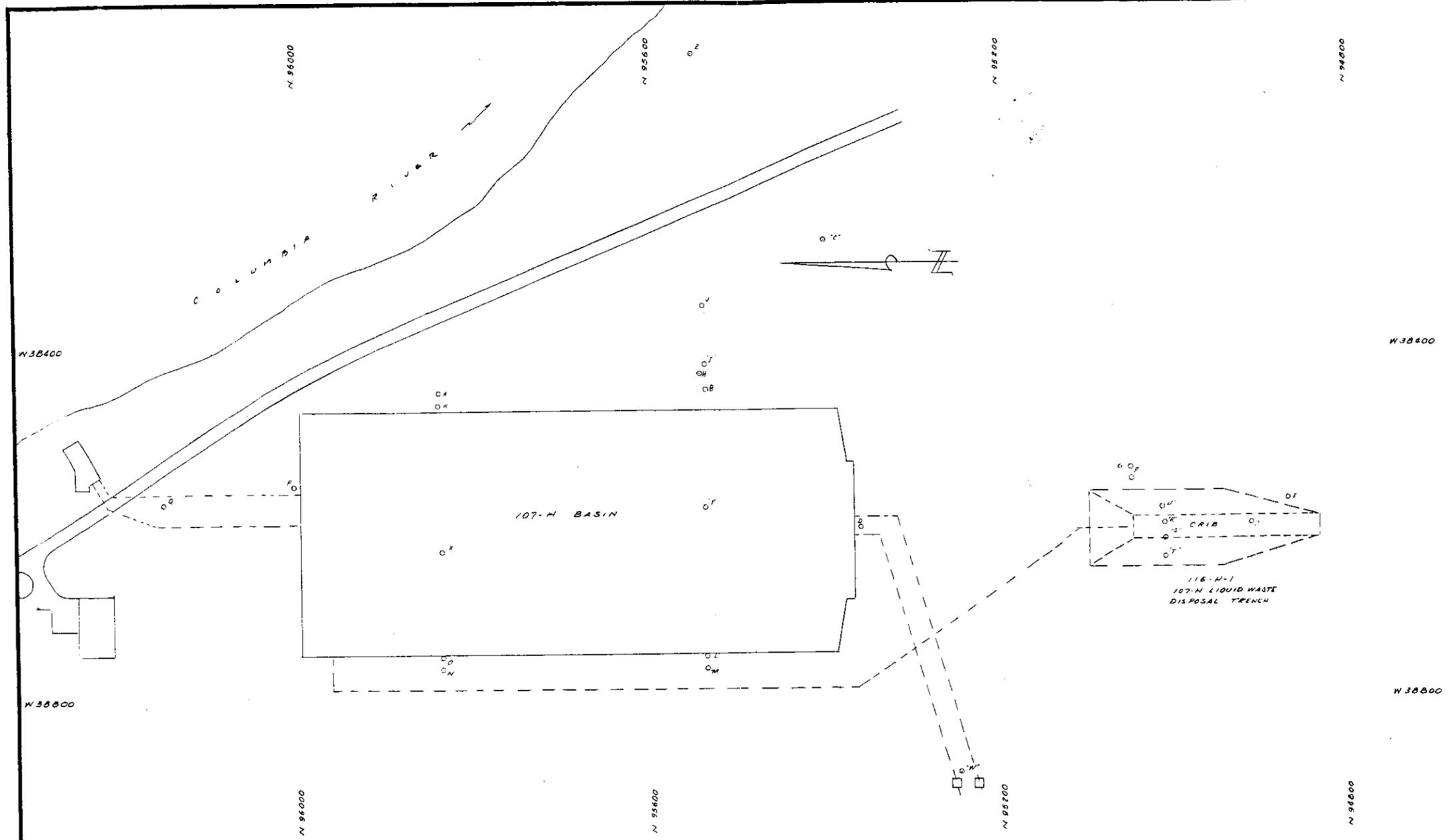
CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING 152700.427
EASTING 578043.297
ELEVATION 126.121

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

WELL NAME	COORDINATES		CASING ELEV WELL DIAM DATE COMPL	DRILL DEPTH COMPL DEPTH DEPTH WATER	PERF/SCREEN			COMMENTS
	WELL TYPE	L 83 NS/EW			PLANT NS/EW	TYPE	DIAM	
199-H4-36	AB		95053.37 -38536.20					SEE UNI-946 REPORT FOR RAD. RE- SULTS 116-H-1 G
199-H4-37	AB		95547.63 -38426.72					SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H H
199-H4-38	AB		95541.54 -38418.40					SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H I
199-H4-39	AB		95543.75 -38347.74					SEE UNI-946 REPORT FOR RAD. RE- SULTS 100-H J
199-H4-40	AB		95841.03 -38459.34					SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H K
199-H4-41	AB		95540.86 -38745.10					SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H L
199-H4-42	AB		95541.20 -38759.85					SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H M
199-H4-43	AB		95841.48 -38759.79					SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H N
199-H4-44	AB		95841.21 -38744.84					SEE UNI-946 REPORT FOR RAD. RE- SULTS 107-H O
199-H4-45	GW	152433.60 578156.56	94975. -38374.					9 H1
199-H4-46	GW	152440.06 577884.01	94998. -39268.					5 H3
199-H4-47	GW	152553.52 577891.37	95371. -39243.					5 H4

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



107-H BASIN AREA			
TEST HOLE	NORTH	WEST	ELEV
A	95,847.12	38,444.36	415.54
H	95,547.83	38,476.77	416.08
C	95,398.04	38,276.77	413.19
D	95,363.26	38,691.19	415.80
Z	94,878.23	38,551.75	417.55
E	95,057.55	38,549.06	417.69
G	95,053.37	38,326.20	418.02
B	95,541.50	38,444.37	416.06
I	95,541.54	38,476.77	416.00
J	95,543.75	38,347.74	416.57
K	95,641.03	38,459.34	415.00
L	95,540.86	38,745.10	411.85
M	95,541.20	38,759.85	411.79

107-H BASIN AREA			
TEST HOLE	NORTH	WEST	ELEV
N	95,841.08	38,759.78	410.86
O	96,041.71	38,744.04	410.28
P	96,006.41	38,563.52	413.56
Q	96,155.6	38,577.80	412.68
R	95,016.81	38,599.99	415.46
S	95,017.72	38,619.78	416.99
T	95,016.74	38,638.00	416.58
U	95,019.91	38,528.00	416.08
V	94,917.99	38,600.80	415.66
W	95,257.60	38,881.13	410.54
X	95,841.03	38,427.07	400.25
Y	95,541.76	38,578.48	407.35
Z	95,553.01	38,062.67	385.87

FIGURE 2.7-10

107-H SAMPLE HOLES

WELL ATTRIBUTES REPORT

FIELD ORDER NO
WELL ID A9532
WELL NAME 199-N-10
HOST WELL ID A5813

CONST DATE 10/31/1964
CONST DEPTH 60

LAST INSPECTION 1/1/1801
NORTHING 149732.495
EASTING 571391.65
ELEVATION 140.158

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

ND* - Not Documented

7/18/2005

WELL ATTRIBUTES REPORT

WELL ORDER NO
WELL ID A9527
WELL NAME 199-N-10P
HOST WELL ID A5823

CONST DATE 2/28/1967
CONST DEPTH 75

LAST INSPECTION 1/1/1801
NORTHING 149924.578
EASTING 571544.176
ELEVATION 140.435

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

WELL NAME	WELL TYPE PUMP TYPE	COORDINATES		CASING ELEV WELL DIAM DATE COMPL	DRILL DEPTH COMPL DEPTH DEPTH WATER	PERF/SCREEN			COMMENTS PREVIOUS WELL NAMES	
		L 83 NS/EW	PLANT NS/EW			TYPE	DIAM	TOP		BOT
199-N-8R	GW B	86810.00 -60776.00		404.09 1.5 6/66	50.0 36.0 16.0	P	1.5	37.0	47.0	
199-N-8S	GW B	86798.00 -60789.00		404.57 1.5 6/66	40.0 37.0 16.0	P	1.5	28.0	38.0	
199-N-8T	GW S	86784.00 -60803.00		404.61 1.5 6/66	30.0 30.0 14.0	P	1.5	20.0	30.0	CONTINUOUS SAMPLE PUMP.
199-N-8U	GW	86816.00 -60770.00		404.59 1.5 5/66	20.0 19.0 14.0	P	1.5	18.0	20.0	PLUGGED
199-N-8V	GW	86776.00 -60811.00		404.61 1.5 6/66	15.0 10.0	P	1.5	5.0	10.0	BENT OVER
199-N-9	AB	86235.00 -60229.00		447.63 12/66						CASING REMOVED
199-N-90	AB	86235.00 -60229.00		447.88 1.5 2/67	36.0					REMOVED
199-N-9P	AB									REMOVED
199-N-10	AB									CASING REMOVED
199-N-100	AB							52.0	54.0	REMOVED
199-N-10P	AB	86786.00 -60091.00		457.28 1.5 2/67	75.0 66.0 54.0	P	1.5	65.0	67.0	REMOVED
199-N-12	AB	86218.00 -60374.00		456.71 6.0 12/66	74.0 64.0 53.0					CASING REMOVED

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

WELL ATTRIBUTES REPORT

FIELD ORDER NO _____
 WELL ID A5830
 WELL NAME 199-N-38
 HOST WELL ID _____

CONST DATE _____
 CONST DEPTH _____

LAST INSPECTION 1/1/1801
 NORTHING 149760.866
 EASTING 572082.654
 ELEVATION 140.167

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

ND* - Not Documented

WELL NAME	WELL TYPE PUMP TYPE	COORDINATES		CASING ELEV	DRILL DEPTH	PERF/SCREEN			COMMENTS	
		L 83 NS/EW	PLANT NS/EW	WELL DIAM DATE COMPL	COMPL DEPTH DEPTH WATER	TYPE	DIAM	TOP	BOT	PREVIOUS WELL NAMES
199-N-33	GW H			459.87 8.0 8/83	75.0 75.0 55.0					SCREEN 38-75, GROUTED
199-N-34	GW S			459.63 8.0 9/83	78.0 58.0					SCREEN 34-78
199-N-35	GW			449.38 6.0 4/84	64.0 64.0 45.0					SCREEN 44-64, GROUTED
199-N-36	GW S			458.97 6.0 4/84	75.0 74.0 55.0					SCREEN 54-74 FT.
199-N-37	GW S			456.12 6.0 4/84	75.0 75.0 54.0	S	5.0	55.0	75.0	
199-N-38	AB			456.40 6.0 4/84	75.0 71.0					CASING PULLED, HOLE GROUTED
199-N-39	GW S								67.0	
199-N-40	GW									SCREEN 53-73 FT.
199-N-41	GW S									SCREEN 53-73 FT.
199-N-42	GW S			455.14 6.0 4/84	80.0 73.0 59.0	S	5.0	53.0	73.0	
199-N-43	GW			449.01 6.0 4/84	78.0 79.0 63.0					SCREEN 51-71 FT.
199-N-44	GW S			460.70 6.0 4/84	83.0 82.0					

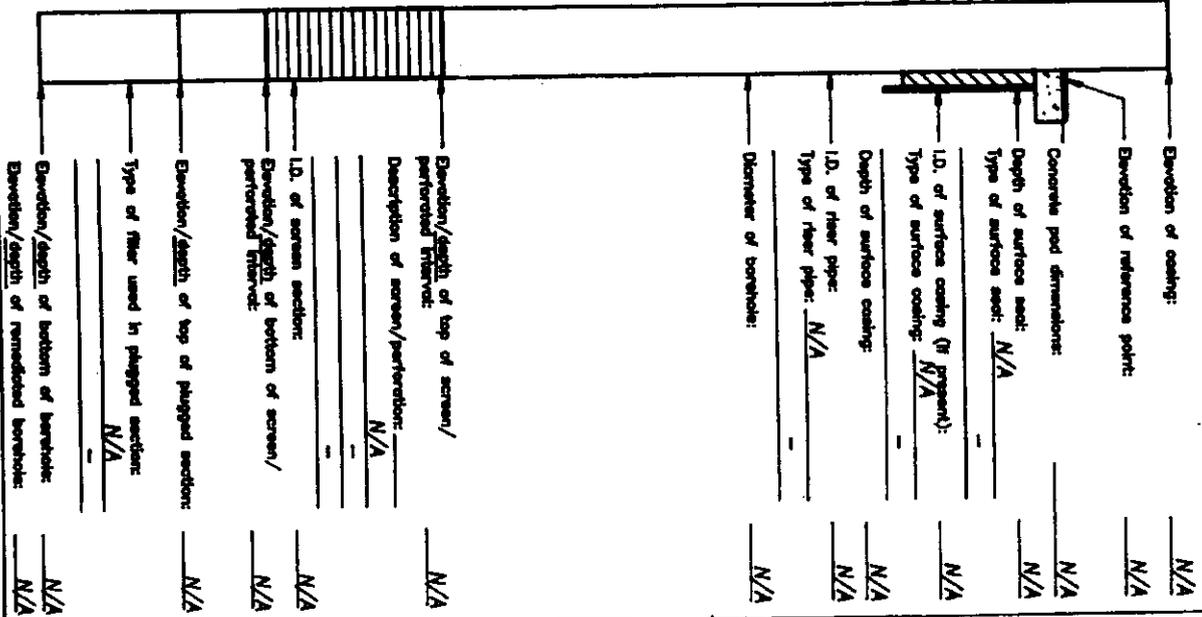
Hanford Wells
PNL-8800 UC-903
M. A. Chamness & J. K. Merz
August 1993
Prepared for U. S. Dept of Energy under
Contract DE-AC06-76RLO 1830
Pacific NW Lab by Battelle Memorial Institute

WELL CONSTRUCTION AND COMPLETION SUMMARY AS-BUILT

Drilling Method: <u>Cable Tool</u> Drilling Fluid Used: <u>INF</u> Driller's Name: <u>Keith and Doug</u> Drilling Company: <u>Ponderosa</u> Date Started: <u>04/11/84</u>	Sample Method: <u>INF</u> Analytical Method: <u>INF</u> VA State Lic. No.: <u>INF</u> Company Name: <u>INF</u> Location: _____ Date Completed: <u>04/12/84</u>
Well Number: <u>199-N-38</u> Horizontal Coordinates: <u>N/S</u> <u>E/W</u> State Coordinates: <u>N</u> <u>E</u> Start Card #: _____ T _____ R _____ S _____ Elevation Ground Surface (ft): _____	Topography: _____ Well No.: _____ Elevation of reference point: _____ Concrete pad dimensions: _____ Depth of surface seal: <u>N/A</u> Type of surface seal: _____ ID. of surface casing (if present): _____ Type of surface casing: <u>N/A</u> Depth of surface casing: _____ ID. of riser pipe: <u>N/A</u> Type of riser pipe: _____ Diameter of borehole: _____

GENERALIZED STRATIGRAPHY Data source: Geologist's Log

- 0 - 10: fine brown SAND, broken CHIPS of BASALT
- 10 - 15: fine brown SAND, broken COBBLES and ROCK BOULDERS
- 15 - 20: broken ROCKS and COBBLES, BOULDERS, fine-medium SAND
- 20 - 25: broken ROCK & COBBLES, BOULDERS quite a bit of very fine to some medium SAND
- 25 - 30: fine to coarse SAND, PEBBLES, and a few broken COBBLES
- 30 - 40: medium-very coarse SAND, GRAVULES, PEBBLES and broken COBBLES
- 40 - 45: broken COBBLES, PEBBLES, some fine SAND
- 45 - 55: broken COBBLES, PEBBLES, SAND (Ringold)
- 55 - 60: SAND, PEBBLES, and a few broken COBBLES
- 60 - 65: SAND, few PEBBLES, broken COBBLES
- 65 - 70: broken COBBLES and PEBBLES and a little SAND
- 70 - 75: broken PEBBLES, COBBLES, very little coarse SAND
- 75 : SAND, broken COBBLES & PEBBLES



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

BR31752\1A38



WELL NAME	WELL TYPE	COORDINATES		CASING ELEV	DRILL DEPTH	PERF/SCREEN			COMMENTS	
		L 83	PLANT	WELL DIAM	COMPL DEPTH	-----	-----	-----	PREVIOUS WELL NAMES	
PUMP TYPE	NS/EW	NS/EW	DATE	COMPL	DEPTH	TYPE	DIAM	TOP	BOT	
199-K-98	AB									SEE UNI-946 REPORT FOR RAD. RESULTS 116-KW H
199-K-99	AB									SEE UNI-946 REPORT FOR RAD. RESULTS 116-KW I
199-K-100	AB									SEE UNI-946 REPORT FOR RAD. RESULTS 116-KW J
199-K-101	AB									SEE UNI-946 REPORT FOR RAD. RESULTS 116-KW K
199-K-102	AB									SEE UNI-946 REPORT FOR RAD. RESULTS 116-KW L
199-K-103	AB									SEE UNI-946 REPORT FOR RAD. RESULTS 116-KW M
199-K-104	AB									SEE UNI-946 REPORT FOR RAD. RESULTS 116-KW N
199-K-105	AB									SEE UNI-946 REPORT FOR RAD. RESULTS 116-KW O
199-N-1	GW			86157.00 -60593.00	456.10 8.0 5/64	100.0 62.0 54.0	P	8.0	34.0	95.0
199-N-10	GW			86157.00 -60593.00	456.37 1.5 10/64	60.0	P	1.5	40.0	60.0
199-N-1P	GW								38.0	98.0
199-N-1Q	GW								2.0	74.0

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HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE	DATE_OF_SOURCE
A9532	199-N-10	05/22/1964		100	ft			

No O in front of well 199-N-10

HWIS Interface - Survey Information - Horizontal & Vertical

WELL_ID	WELL_NAME	HORIZONTAL DATA												VERTICAL DATA										
		HORZ_SURVEY_CONTRACTOR	HORIZONTA_L_DATUM_TYPE	HORZ_SURVEY_DATE	HORZ_MEASUREMENT_METHOD	NORTHING	EASTING	HORZ_SURVEY_UNITS	HORZ_QUALIFIER	CONVERSION_METHOD	HORZ_SURVEY_POINT_ID	HORZ_SURVEY_PRECISION	DISC_X	DISC_Y	ELEV_SURVEY_CONTRACTOR	VERTICAL_DATUM_TYPE	ELEV_SURVEY_DATE	ELEV_MEASUREMENT_METHOD	ELEVATION	ELEV_SURVEY_UNITS	ELEV_QUALIFIER	ELEV_CONVERSION_METHOD	ELEV_SURVEY_POINT_ID	ELEV_SURVEY_PRECISION
A9532	199-N-10	UNKNOWN	NAD83	01/01/1801	CONVERTED	149732.495	571391.65	m		TRANS98	CENTER OF CASIN G (ASSUMED)	0	Nov	Nov	HEIS	NAVD88	10/31/1964	CONVERTED	140.158	m		CORP SCON	REFERENCE ELEVATION	0

WELL ATTRIBUTES REPORT

FIELD ORDER NO
WELL ID A5823
WELL NAME 199-N-10
HOST WELL ID _____

CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING 149924.578
EASTING 571544.176
ELEVATION 140.353

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

WELL ATTRIBUTES REPORT

LD ORDER NO			LAST INSPECTION	1/1/1801
WELL ID	A5823		NORTHING	149924.578
WELL NAME	199-N-10	CONST DATE	EASTING	571544.176
HOST WELL ID		CONST DEPTH	ELEVATION	140.353

PIEZOMETER O:

PIEZOMETER INFORMATION

THE PIEZOMETER IS	<input type="checkbox"/> PRESENT	<input type="checkbox"/> MISSING
	<input type="checkbox"/> LABELED	<input type="checkbox"/> NOT LABELED

CHANGES

PERFORATION INFORMATION

CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND

CASING INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS

SCREEN INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE

PIEZOMETER P:

PIEZOMETER INFORMATION

THE PIEZOMETER IS	<input type="checkbox"/> PRESENT	<input type="checkbox"/> MISSING
	<input type="checkbox"/> LABELED	<input type="checkbox"/> NOT LABELED

CHANGES

PERFORATION INFORMATION

CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND

CASING INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS

SCREEN INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE

WELL NAME	WELL TYPE PUMP TYPE	COORDINATES		CASING ELEV WELL DIAM DATE COMPL	DRILL DEPTH COMPL DEPTH DEPTH WATER	PERF/SCREEN			COMMENTS PREVIOUS WELL NAMES	
		L 83 NS/EW	PLANT NS/EW			TYPE	DIAM	TOP		BOT
199-N-8R	GW B	86810.00 -60776.00	404.09	50.0 1.5 6/66	36.0 16.0	P	1.5	37.0	47.0	
199-N-8S	GW B	86798.00 -60789.00	404.57	40.0 1.5 6/66	37.0 16.0	P	1.5	28.0	38.0	
199-N-8T	GW S	86784.00 -60803.00	404.61	30.0 1.5 6/66	30.0 14.0	P	1.5	20.0	30.0	CONTINUOUS SAMPLE PUMP.
199-N-8U	GW	86816.00 -60770.00	404.59	20.0 1.5 5/66	19.0 14.0	P	1.5	18.0	20.0	PLUGGED
199-N-8V	GW	86776.00 -60811.00	404.61	15.0 1.5 6/66	10.0	P	1.5	5.0	10.0	BENT OVER
199-N-9	AB	86235.00 -60229.00	447.63	12/66						CASING REMOVED
199-N-9O	AB	86235.00 -60229.00	447.88	1.5 2/67	36.0					REMOVED
199-N-9P	AB	86235.00 -60229.00	447.93	1.5 2/67	18.0					REMOVED
199-N-10	AB	86786.00 -60091.00	457.01	6.0 12/66	0					CASING REMOVED
199-N-100	AB							2.0	54.0	REMOVED
199-N-10P	AB							5.0	67.0	REMOVED
199-N-12	AB									CASING REMOVED

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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WELL ATTRIBUTES REPORT

FIELD ORDER NO
WELL ID A9526
WELL NAME 199-N-100
HOST WELL ID A5823

CONST DATE 2/28/1967
CONST DEPTH 54

LAST INSPECTION 1/1/1801
NORTHING 149924.578
EASTING 571544.176
ELEVATION 140.429

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

WELL NAME	WELL TYPE PUMP TYPE	COORDINATES		CASING ELEV WELL DIAM DATE COMPL	DRILL DEPTH COMPL DEPTH DEPTH WATER	PERF/SCREEN			COMMENTS PREVIOUS WELL NAMES	
		L 83 NS/EW	PLANT NS/EW			TYPE	DIAM	TOP		BOT
199-N-8R	GW B		86810.00 -60776.00	404.09 1.5 6/66	50.0 36.0 16.0	P	1.5	37.0	47.0	
199-N-8S	GW B		86798.00 -60789.00	404.57 1.5 6/66	40.0 37.0 16.0	P	1.5	28.0	38.0	
199-N-8T	GW S		86784.00 -60803.00	404.61 1.5 6/66	30.0 30.0 14.0	P	1.5	20.0	30.0	CONTINUOUS SAMPLE PUMP.
199-N-8U	GW		86816.00 -60770.00	404.59 1.5 5/66	20.0 19.0 14.0	P	1.5	18.0	20.0	PLUGGED
199-N-8V	GW		86776.00 -60811.00	404.61 1.5 6/66	15.0 10.0	P	1.5	5.0	10.0	BENT OVER
199-N-9	AB		86235.00 -60229.00	447.63 12/66						CASING REMOVED
199-N-9O	AB		86235.00 -60229.00	447.88 1.5 2/67	36.0					REMOVED
199-N-9P	AB		86235.00 -60229.00	447.93 1.5 2/67	18.0					REMOVED
199-N-10	AB		86786.00 -60091.00	457.01 6.0 12/66	75.0 .0					CASING REMOVED
199-N-10O	AB		86786.00 -60091.00	457.26 1.5 2/67	54.0 48.0	P	1.5	52.0	54.0	REMOVED
199-N-10P	AB							65.0	67.0	REMOVED
199-N-12	AB									CASING REMOVED

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

WELL CONSTRUCTION AND COMPLETION SUMMARY

Drilling Method: Cable tool Sample Method: WTD tool (run)
 Drilling Fluid Used: Not documented Additives: ---
 Driller's Kath and Don J Used: Not documented
 Drilling Oil and Gas I Lic Nr: Not documented
 Company: Paragon Location: Not documented
 Date: _____ Date: _____
 Streets: 116th St Completer: JZherka

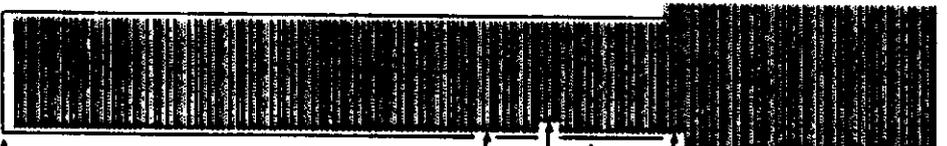
WELL NUMBER: 199-9-38 TEMPORARY WELL NO: _____
 Manford # Area _____
 Coordinates: N/S N 8.071 E/W W 4.152
 State _____
 Coordinates: Not documented Not documented
 Start _____
 Card #: Not documented 1 2 3
 Elevation _____
 Ground surface (ft): 556.3 Estimated

Depth to water: 55-ft North
(Ground surface)

GENERALIZED geologist's STRATIGRAPHY Log

- 0-10: fine brown sand, broken BASALT chips
- 10-15: fine brown sand, broken CONCRETES and ROCK, BOLDERS
- 15-20: broken ROCKS and CONCRETES, BOLDERS, fine-medium SAND
- 20-25: broken ROCK & PEBBLES, BOLDERS, quite a bit of very fine to some medium SAND
- 25-30: fine to coarse SAND, PEBBLES and a few broken CONCRETES
- 30-40: medium-very coarse SAND, GRAVELS, PEBBLES and broken CONCRETES
- 40-45: broken CONCRETES, PEBBLES, some fine SAND
- 45-55: broken CONCRETES, PEBBLES, SAND (Rimmed)
- 55-60: SAND, PEBBLES, and a few broken CONCRETES
- 60-65: SAND, few PEBBLES, broken CONCRETES
- 65-70: broken CONCRETES and PEBBLES and a LITTLE sand
- 70-75: broken PEBBLES, CONCRETES, very little coarse SAND
- 75 : SAND, broken CONCRETES & PEBBLES

ADDENDUM:
 05-07-2005 by L. Bultena
 Pulled 8-in casing and filled hole with cement and 5% bentonite grout



Elevation of reference point: (556.50-ft)
 (top of casing before removal)
 Height of reference point above ground surface (10)

Depth of surface seal: (10)
 Type of surface seal: Not documented
 I.D. of surface casing (Pulled back): (10-in)

I.D. of riser pipe: (None)
 Type of riser pipe: SHIML PULLED
 Diameter of borehole: (9-in nominal)

Type of filler: Cement grout
 Elevation/depth top of seal: _____
 Type of seal: Not documented

No screen documented

Depth bottom of borehole (75-ft)

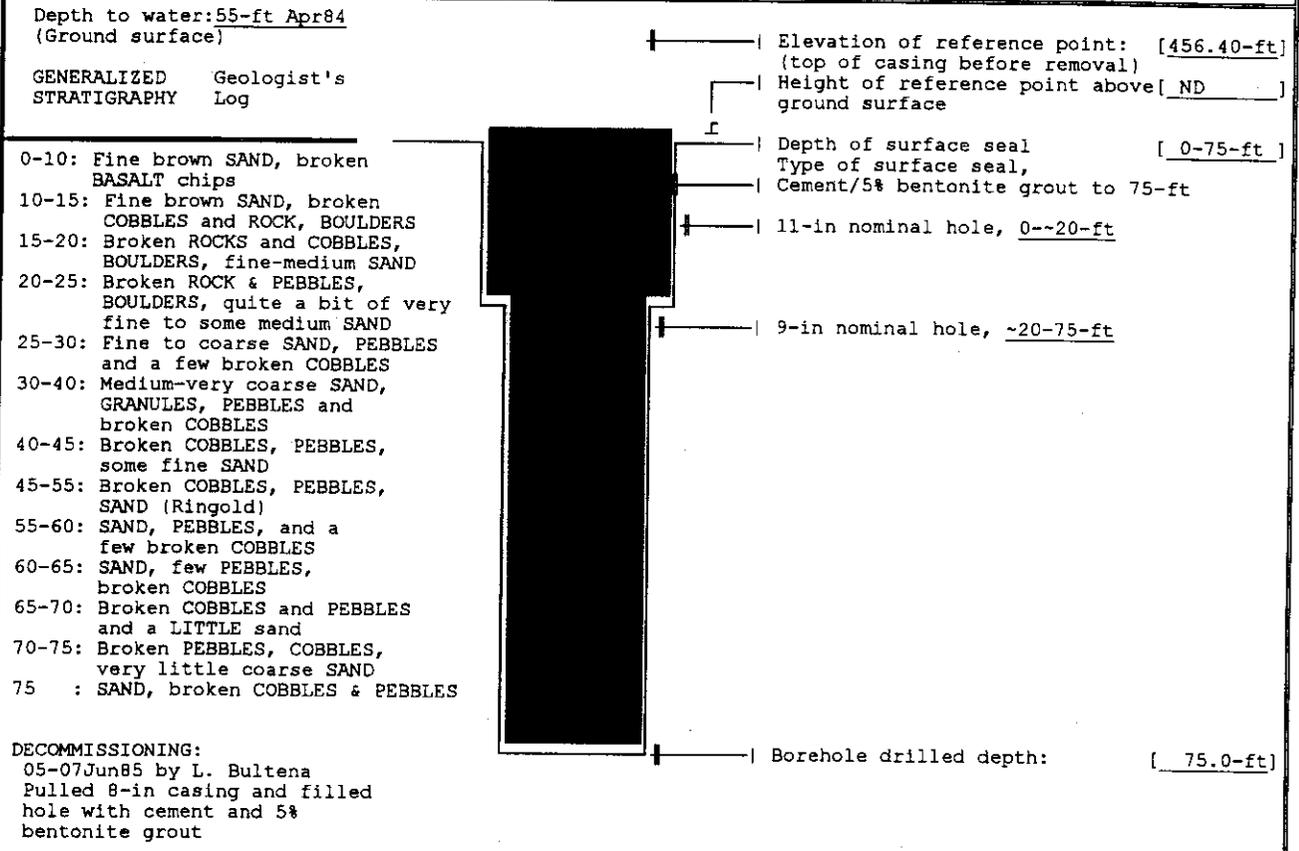
Drawing By: ENL/100-20,ASB Date: _____
 Reference: MANFORD WELLS

SUMMARY OF CONSTRUCTION DATA AND FIELD OBSERVATIONS
RESOURCE PROTECTION WELL - 199-N-38

WELL DESIGNATION : 199-N-38
CERCLA UNIT : 100-Aggregate Area
RCRA FACILITY : NA
MANFORD COORDINATES : N-Area N 8,071 M 4,142
LAMBERT COORDINATES : N ND E ND
DATE DRILLED : Apr84
DEPTH DRILLED (GS) : 75.0-ft
MEASURED DEPTH (GS) : ND
DEPTH TO WATER (GS) : 55-ft, Apr84
CASING DIAMETER : 8-in carbon steel, pulled
ELEV TOP CASING : 456.40-ft (Before removal)
ELEV GROUND SURFACE : ND
PERFORATED INTERVAL : NA
SCREENED INTERVAL : None documented
COMMENTS : FIELD INSPECTION, none
AVAILABLE LOGS : Geologist
TV SCAN COMMENTS : NA.
DATE EVALUATED : NA
EVAL RECOMMENDATION : NA
LISTED USE : None
PUMP TYPE : None
MAINTENANCE : ND

WELL CONSTRUCTION AND COMPLETION SUMMARY

Drilling Method: Cable tool	Sample Method: Hard tool (nom)	WELL NUMBER: 199-N-38	TEMPORARY A5830	WELL NO: _____
Drilling Fluid Used: Not documented	Additives Used: Not documented	Hanford N-Area		
Driller's: Keith and Doug ?	WA State Lic Nr: Not documented	Coordinates: N/S N 8,071 E/W W 4,142		
Drilling Company: Ponderosa	Company Location: Not documented	State Coordinates: N Not documented E Not documented		
Date Started: 11Apr84	Date Complete: 12Apr84	Card #: Not documented T _____ R _____ S _____		
		Elevation Ground surface (ft): 456.3 Estimated		



Drawing By: RKL/1-N-38.ASB
Date : 14Dec94
Reference : HANFORD WELLS

SUMMARY OF CONSTRUCTION DATA AND FIELD OBSERVATIONS
RESOURCE PROTECTION WELL - 199-N-38

WELL DESIGNATION : 199-N-38
CERCLA UNIT : 100-Aggregate Area
RCRA FACILITY : Not applicable
HANFORD COORDINATES : N-Area N 8,071 W 4,142
LAMBERT COORDINATES : N ND E ND
DATE DRILLED : Apr84
DEPTH DRILLED (GS) : 75.0-ft
MEASURED DEPTH (GS) : Not documented
DEPTH TO WATER (GS) : 55-ft, Apr84
CASING DIAMETER : 8-in carbon steel, pulled
ELEV TOP CASING : 456.40-ft (Before removal)
ELEV GROUND SURFACE : Not documented
PERFORATED INTERVAL : Not applicable
SCREENED INTERVAL : None documented
COMMENTS : FIELD INSPECTION, none
AVAILABLE LOGS : Geologist
TV SCAN COMMENTS : Not applicable
DATE EVALUATED : Not applicable
EVAL RECOMMENDATION : Not applicable
LISTED USE : None
CURRENT USER : None - well has been decommissioned
PUMP TYPE : None
MAINTENANCE : Not documented

DRILLING LOG

PROJECT NUM

RIG NUMBER

Ponderosa

WELL NUMBER

N-38

DATE

4/11/84, 4/12/84

DRILLER

Keith Doug

LOGGERS

K.R. Oster

SHIFT

DEPTH BEGINNING OF SHIFT

DEPTH COMPLETION OF SHIFT

DRILLING		CORING		SAMPLE TYPE - SOIL INTERVAL	OTHER DELAYS	
TIME	DEPTH	TIME	DEPTH		TIME	EXPLANATION
14:10	5'			5'		1340: set up log. Fine brown sand, broken chips of basalt mostly coarse.
14:35	10'			10'		Fine brown sand, broken cobble sized rock; boulders
4/11/84 0840						Set ~10' casing } Quite a bit of trouble getting the Casing in that way they cut it half. Seemed like the most probl came between 15 and 20'. mostly coarse.
0850						
0945	15'			15'		Broken rocks and cobbles; boulders fine to medium sand
0950	20'			20'		Broken rocks and cobbles; boulders quite a bit of very fine to some medium sand. Considering the problem setting the casing from 15-20' and the v. fine Sand found here: This is possibly a compacted zone. Mostly Basalt, some quartz
11:10	25'			25'		fine to coarse black sand, pebbles and a few broken cobbles
11:15	30'			30'		Mostly Basalt, grt increasing. med to coarse black sand, granules, pebbles and a few broken
11:20	35'			35'		med to coarse black sand and granules, a few pebbles and broken cobbles. Mostly basalt, grt increasing

REMARKS



DRILLING LOG

RIG NUMBER: Ponderosa
 DRILLER: Keitha Doug
 FOREMAN: K.R. OSTER
 WELL NUMBER: N-38
 DATE: 4/12/84
 SHIFT:
 DEPTH BEGINNING OF SHIFT:
 DEPTH COMPLETION OF SHIFT:
 PROJECT NUM:
 OTHER DELAYS:
 EXPLANATION:
 TIME:
 COILING:
 SAMPLE INTERVAL:
 TIME:
 DEPTH:
 TIME:
 DRILLING:
 KEITHA DOUG

TIME	DEPTH	TIME	DEPTH	EXPLANATION
11:25	40'	40'	40'	Broken cobbles, pebbles, some sand.
12:00				Set 20' casing.
1:30				Broke check valve on head vent to get new one. The drillers came next and finished the hole, inverted till dark.
4:5'	45'	45'	45'	Broken cobbles, pebbles, black + white sand.
5:0'	50'	50'	50'	Black + white sand, broken shells, pebbles.
5:5'	55'	55'	55'	Black + white sand, pebbles, and a few broken cobbles.
6:00	60'	60'	60'	Black + white sand and a few pebbles and broken cobbles.
6:05	65'	65'	65'	Broken shells and pebbles and a little black quartz so.
7:0'	70'	70'	70'	Broken shells, pebbles, very little coarse black + white.
7:5'	75'	75'	75'	Black + white sand, broken cobbles, pebbles.

REMARKS

Quite a bit of sand at this hole.
 If some drilling needs to be done, it may need a screen to prevent running in.
 Depth marker = 55'
 Depth hole = 75'
 Length casing = 47'

DRILL LOG	BY L. Bultena	RIG 22W	WELL NUMBER N-38	COMPUTER NUMBER	PROJECT OR WORK ORDER NO.
	DATE 6/5/85		DEPTH 10		SUBCONTRACT NO. JAJ-1762

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION % EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.	TIME	DRILLING COMMENTS
						1
				MOVED RIG & SET UP		
				STRUNG UP TOOLS TO PULL CASING		
				RUN IN CASING SPEAR AND HOOKED CASING - PULLED 2 FT		
				ITEM - 13 - 2 FT		
					8 hrs	

REMARKS:



BY K. B. ALT		DATE 6-6-85		WELL NUMBER N-38		COMPUTER NUMBER		PROJECT OR MON. SER. NO.	
a2m		DEPTH		SUBCONTRACT NO. JNT-1762					

TOTAL CASING	DEPTH	DRILL METHOD	WET/DRY SAMPLE	LITHOLOGIC DESCRIPTION <small>2 EACH GRAIN SIZE, COLOR, ROUNDNESS, CALICHE, ETC.</small>	TIME	DRILLING COMMENTS
--------------	-------	--------------	----------------	---	------	-------------------

waited for change in cement
 procedure on abandoned holes for 2 hrs
 Evaluation drill 1 1/2 hrs

pulled 45' of 8" casing and
 filled hole with cement and
 5% Bentonite slurry

Item - 13 - 45 ft
 14 - 54 ft

3 1/2 hrs stand by for procedure + drill

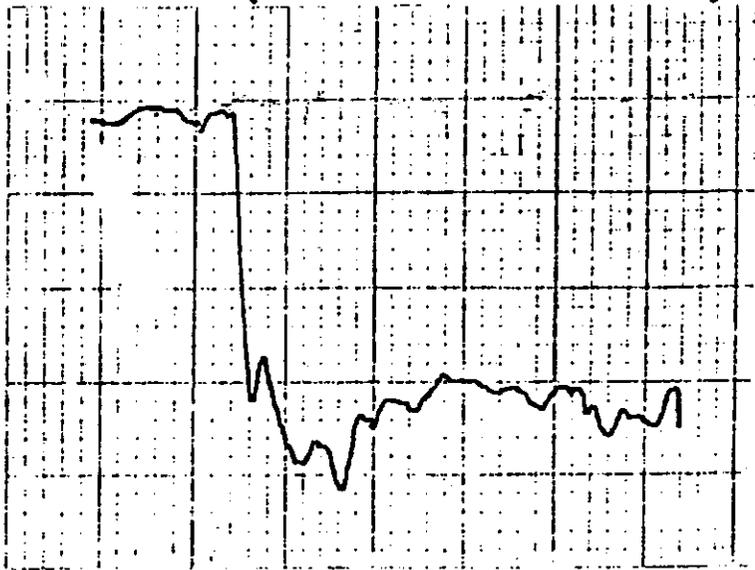
9 1/2 hrs



REMARKS

3

NEUTRON



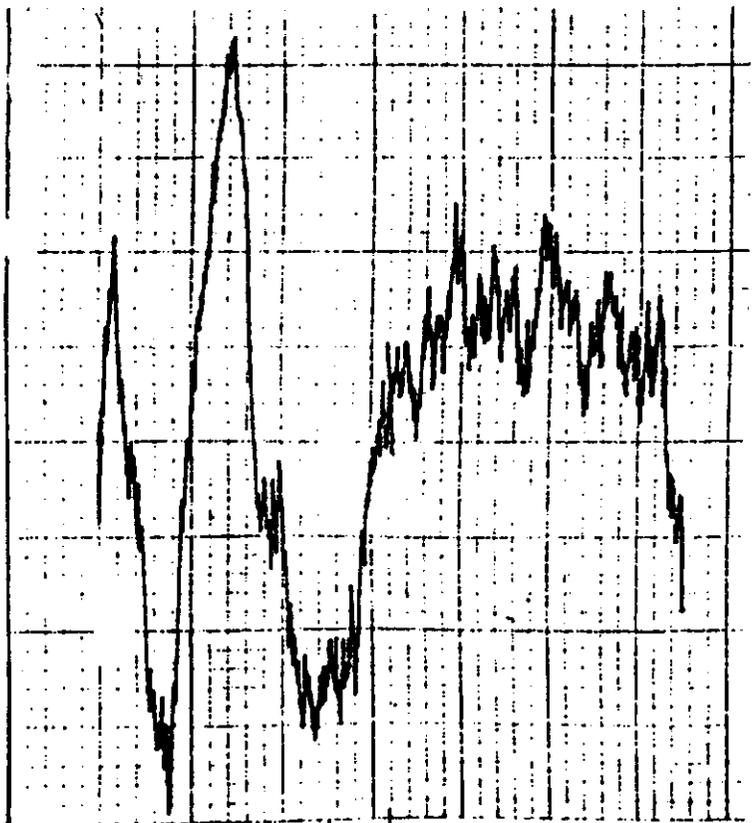
COUNTS / SECOND

0 250 500 750 1000 1250 1500

INCREASING SATURATED POROSITY



NATURAL GAMMA



COUNTS / SECOND

40 50 60 70 80

INCREASING CLAY CONTENT
(OR CONTAMINATION)



DRILLER'S LOG

- COBBLES AND BOULDER
- FINE BROWN SAND
- COARSE BLACK SAND GRANULES, PEBBLES AND COBBLES
- RINGOLD
- WATER TABLE
- PEBBLES AND COBBLE
- BLACK AND WHITE SAND

10'

N S



RESOURCE PROTECTION GROUND WATER WELL STRUCTURE
FITNESS FOR USE CHECKLIST

WELL NR:199-N-38
Pg. 1 of 6

HAS A NEED FOR USE OF THE WELL BEEN IDENTIFIED AND DOCUMENTED ()

Piezometer (); Observation (); Geotechnical Test ();

RCRA/CERCLA Monitoring Well () Other: No documented use

Reference: PNL borehole summary files, V. McGhan/WHC appendix

HAS A TARGET SPECIES BEEN IDENTIFIED ()

Insufficient data

IS WELL PRESENTLY IN USE? ()

No documented use (abandoned well)

IF NOT IN USE, IS WELL CAPPED IAW WAC 173-160-085? ()

IS CASING SEALED IAW WAC 173-160-075? ()

Natural barriers preserved: _____

Aquifers/strata penetrated permanently sealed: _____

Annulus sealed to prevent surface/ground water movement into
or within annular space: _____

Grouting performed by tremming the mixture: _____

Casing overlap more than 8 ft.; packed and grouted: _____

DESIGN/CONSTRUCTION IAW WAC 173-160-500 ()

Saturated formations/aquifers not connected: _____



RESOURCE PROTECTION GROUND WATER WELL STRUCTURE
FITNESS FOR USE CHECKLIST

WELL NR:199-N-38
Pg. 2 of 6

Cuttings/development water handled IAW WAC 173-303: _____

Insufficient data

Well properly identified: _____

Field inspection required

SURFACE PROTECTION IAW WAC 173-160-510? (_____)

Well capped and protected: _____

Posts, pad or cover installed: _____

Protection waived or variance obtained: _____

Existing protection damaged: _____

Field inspection required

CASING MATERIALS IAW WAC 173-160-520? (_____)

Casing nonreactive & does not affect/interfere with chemical,
physical, radiological or biological constituents of interests:

Casing conforms to ASTM Standards, or at least 304 or 316
stainless steel, PTFE, or Schedule 40 PVC. Joints are not
glued: _____

DRILL RIG, DRILLING EQUIPMENT CLEANED IAW WAC 173-160-530? (_____)

Drill rig/equipment casing/screen cleaned before drilling or
installation: _____



RESOURCE PROTECTION GROUND WATER WELL STRUCTURE
FITNESS FOR USE CHECKLIST

WELL NR:199-N-38
Pg. 3 of 6

Filter pack cleaned before installation, material compatible:

IS ELEVATION OF DRILLING DEPTH AND DEPTH TO WATER MEASURED FROM
GROUND SURFACE? (_____)

RCRA/CERCLA MONITORING WELL

DOES WATER SAMPLE FROM VERTICAL SCREENED INTERVAL REPRESENT
HORIZONTAL STRATIGRAPHY (_____)

Screened interval documented: _____

Lithology documented: _____

DESIGN & CONSTRUCTION IAW WAC 173-160-540 & WAC 173-16-550? (_____)

Screen commercially fabricated of material nonreactive to
subsurface conditions: _____

If filter pack installed, extends from bottom of screen to at
least 3 ft. above screen: _____

Well has been developed to assure continuity: _____



RESOURCE PROTECTION GROUND WATER WELL STRUCTURE
FITNESS FOR USE CHECKLIST

WELL NR:199-N-38
Pg. 4 of 6

Annulus grouted with bentonite or bentonite/cement mixture:_____

Potable water used to hydrate sealant:_____

DOES WATER SAMPLE MEET ESTABLISHED ACCEPTANCE CRITERIA? (_____)

Sample is less than 5 NTU and sand free:_____

IS PUMP LOCATION DOCUMENTED? (_____)

DATA SOURCES USED:

DRILLER'S LOG By:_____ Dates Covered_____

Drilling Contractor: Ponderosa

GEOLOGIC LOG By: KR Oster Dates Covered 4/11-4/12/84

Well Abandonment: L. Bultena Dates Covered 6/5-6/7/85

PUBLICATIONS:

Title, Author, Date:_____

GEOPHYSICAL AND BOREHOLE TELEVISION LOGS:

Type:_____ By:_____ Span:_____ Date:_____

Type:_____ By:_____ Span:_____ Date:_____

Type:_____ By:_____ Span:_____ Date:_____

Type:_____ By:_____ Span:_____ Date:_____



CHEMICAL/RADIONUCLIDE WATER SAMPLE ANALYSES REPORTS:

Title, Author, Date: _____

Title, Author, Date: _____

GROUND WATER WELL SAMPLING AND MEASUREMENT SCHEDULES:

Title, Author, Date: _____

Title, Author, Date: _____

FIELD CHECK:

By: To be done by Westinghouse Date: _____

OTHER:

Pulled 45' of 8" casing and filled hole with cement and 5% Bentonite
Grout, topped up hole with grout-as documented by L. Bultena on
6/6-6/7/85.

STATUS DETERMINATION:

Well is acceptable for intended use (_____)

Well is acceptable for intended use if variance granted (_____)

Maintenance required to continue intended use (_____)

Remediation required to achieve intended use (indicator only) (_____)

Decommission, well is unneeded, or cannot be remediated (Yes*)

Other _____

* It is documented that this well has been abandoned using the procedure noted above (see OTHER). It must be assured that decommissioning procedures were adequate. The initial well was drilled to a depth of 75', yet abandonment documentation notes pulling only 45' of 8" casing.



RESOURCE PROTECTION GROUND WATER WELL STRUCTURE
FITNESS FOR USE CHECKLIST

WELL NR:199-N-38
Pg. 6 of 6

STATUS DETERMINATION MADE BY:

Name: John V. Wozniewicz Title: Hydrologist Date: 9/07/89

DETERMINATION REVIEWED BY:

Name: Pamela S. Innis Title: Engineer Date: 10/9/89
[Signature] Senior Project Manager 11/1/89

DETERMINATION ACCEPTED BY USER:

Name: _____ Title: _____ Date: _____

Name: _____ Title: _____ Date: _____





Job No. 22192
Written Response Required:
Due Date:
Action:
Close CCN
OU:
TSD:
ERA:
Subject Code: 8850

072818

SEP 28 1999

U.S. Department of Energy
Richland Operations Office
Sharon Ruehl, Chairperson
Labor Standards Board
P.O. Box 550, MSIN A6-36
Richland, Washington 99352

Subject: Contract No. DE-AC06-93RL12367
**TRANSMITTAL OF PLANT FORCE WORK REVIEWS FOR
DETERMINATION BY THE BOARD:
8850-033-99**

Dear Ms. Ruehl:

Attached for your review are the originals of the subject Plant Forces Work Reviews. Copies have been delivered to the members of the Labor Standards Board. Any questions you have should be directed to me on 372-9120, or via cc:Mail. Your attention to this matter is appreciated.

Sincerely,

A handwritten signature in black ink, appearing to be "W. B. Shoaf", written over a horizontal line.

W. B. Shoaf
Field Support

WBS:cac

Original PFWR(s) (other copies delivered to LSB members)

RL-F-3710.1
(02/98)

U.S. DEPARTMENT OF ENERGY
RICHLAND OPERATIONS OFFICE
RICHLAND, WASHINGTON

RL LABOR STANDARDS BOARD ACTION REPORT

Contractor Bechtel Hanford, Inc.	Date Submitted 09/27/99	Date Of Board Action 09/30/99
-------------------------------------	----------------------------	----------------------------------

IDENTIFICATION OF WORK OR ACTIVITY REVIEWED

Plant Forces Work Request No. 8850-033-99	Work Order No.	Project Proposal No.	Other
--	----------------	----------------------	-------

Brief Description (Title, Area, Building No., Etc.):

Well Decommissioning (1301/1325 cribs)

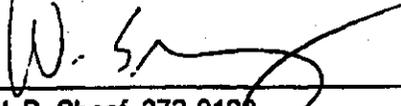
BOARD FINDINGS BASED ON APPLICATION OF DOE ACQUISITION GUIDE, CH. 22 AND DEAR 970.22

- I Not Covered By Davis-Bacon Act
- Individual Work Item Or Contract Estimated To Cost Less Than \$2,000.
 - Furnishing Supplies Or Equipment Including Installation Requiring Only An Incidental Amount Of Work Defined In Section 922.470 (c)(2).
 - Demolition Not Indispensable Or Preliminary To Scheduled New Construction.
 - Work And Services Which Are A Part Of Operational Or Maintenance Activities.
 - Work And Services Involving A Material Risk To Continuity Of Operations, To Life Or Property, Or To RL Operating Requirements.
 - Routine Or Recurring Work And Services To Keep Facilities Functionally Useful.
 - Assembly, Modification, Set-Up, Installation, Etc. Which Is Not A Logical Part Of A Construction Contract Or Does Not Involve More Than An Incidental Amount Of Construction-Type Activity.
 - Experimental Development Of Equipment, Processes And Devices, Including Assembly, Fitting, Installation, Testing, Reworking And Disassembly.
 - Experimental Work In Connection With Peaceful Uses Of Nuclear Energy Including Assembly, Setting In Place, Or Interconnecting Equipment, Processes, And Devices To Conduct A Test Or Experiment.
 - Emergency Work To Combat Effects Of Fire, Flood, Etc. And To Restart Operational Activity.
 - Decontamination.
 - Burial Of Contaminated Solid Waste Or Contained Liquid Excluding Initial Preparatory Work Readying Burial Ground For Use.
 - Other.
- II Covered By Davis-Bacon Act
- Construction, Alteration, And Repair, Including Painting Or Decorating Estimated To Cost \$2,000 Or More.
 - Installation, Movement Of Machinery Or Equipment, And Plant-Rearrangement Involving More Than An Incidental Amount Of Work Defined In DOE Acquisition Guide, Ch. 22.
 - Site Preparation Preliminary To Scheduled New Construction.
 - Assembly, Modification, Set-Up, Etc. Of Machinery Or Equipment Which Is A Part Of Or Would Be A Logical Part Of A Contract For Construction Of A Facility Or Involves More Than An Incidental Amount Of Construction-Type Activity.
 - Preparatory Work To Ready A Burial Ground For Use.
 - Rebuilding Or Replacement Of Structure Or Structural Components Or Equipment To Repair Effects Of Fire, Flood, Etc.
 - Rehabilitation Of All Or A Significant Portion Of A Non-Operable Facility.
 - Installation, Arrangement, Calibration, Etc. Of Equipment During Construction Of A New Facility.
 - Other.

III <input type="checkbox"/> Returned Because Of Incomplete Information	IV <input type="checkbox"/> Referred To RL Manager For Approval
---	---

Chairman	Member	Member
Member	Member	

Remarks

B H I	Bechtel Hanford, Inc. 3350 George Washington Way, Richland, WA 99352 PLANT FORCES WORK REVIEW		Plant Forces Work Review No. 8850-033-99	Date 9/27/99	Page 1 of 2
	Title Decommissioning of 17 wells at 100-N Crib (1301/1325) and 8 wells on various other sites.		Job Control No.	Area All	Bldg No. N/A
R E Q U E S T E R	<u>Estimated Cost of Work</u>				
	*1. Procured Equipment				\$26250.00
	*2. Materials or Equipment Purchased for Shop Fabrication				\$0.00
	*3. Job-Site Material				\$43750.00
	4. Shop Labor				\$0.00
	5. Job-Site Labor				\$105000.00
	6. Other Costs (design, field inspection, and contingency allowance)				\$0.00
7. General Overhead				\$0.00	
<u>*Include estimated fair value of material or equipment acquired onsite</u>				Total Job	\$175000.00
Requester Name <u>J. M. Jimenez</u>		Phone No. <u>373-9210</u>	Date: <u>9/27/99</u>		
B H I	Reviewed by: 		Date: <u>9/27/99</u>		
Signature: _____ PFWR Coordinator: <u>W. B. Shoaf 372-9120</u>					
D O E	The following determination has been made regarding applicability of the Davis-Bacon Act, as amended, to the work described above:				
	Applicable <input type="checkbox"/>	Not Applicable <input type="checkbox"/>	Chairman RL-Labor Standards Board _____		

"Description of Work"

Briefly state the reason for this work activity:

Decommissioning of wells on Hanford Site. Seventeen wells are located in and around the 1301N and 1325N Crib. The wells must be decommissioned prior to the start up of the D&D work at the cribs. There are other wells outside the crib area that are included in this PFWR for decommissioning.

Job Summary:

Perform well decommissioning activities on approximately 25 wells, 17 of which are located in high radiological crib areas. The other 8 are located in radiologically clean areas. The well decommissioning will be performed by a Washington State Licensed Well Driller. The decommissioning will be performed to the WAC Code 173-160, pertaining to well standards for construction and maintenance of wells.

Bechtel Hanford, Inc. 3350 George Washington Way, Richland, WA 99352 PLANT FORCES WORK REVIEW - Continued	Plant Forces Work Review No. 8850-033-99	Page 2 of 2
--	---	----------------

Discuss all programmatic or physically associated work planned, underway, or recently completed in the work area:

Certain wells will require preparation to get a drill rig onto the well location, such as placement of 1" steel plate to allow drilling equipment to drive across distribution duct at 1325N Crib.

Describe entire work scope. Fully describe complete job scope using a stepped work flow format. Describe and estimate the cost of labor and material on foundations, structures, utility systems, or other construction type activity. **Provide sketches or measurements for all work:**

Each well will be decommissioned using the following steps:

1. Mobilize decommissioning equipment (drill rig)
2. Set up (rig up equipment) for decommissioning activities.
3. Perforate well casings.
4. Mix and pump cement and/or bentonite grouts.
5. Cut casings and remove casings, when appropriate.
6. Rig down equipment.
7. Demobilize from site.

Wells to be Decommissioned

199-N-35	199-N-108A	199-N-59
199-N-38	199-N-5	199-N-60
199-N-45	199-N-17	199-N-61
199-N-109A	199-N-20	199-N-73
199-N-4	199-N-23	199-N-88
199-N-65	199-N-54	199-N-89
199-N-9	199-N-55	699-E-1000
199-N-12	199-N-86	
199-N-107A	199-N-58	

CCN # 072818

Customer To Complete:

- Please call me for pick up/hand delivery _____
- This meets a Milestone or PBCI
- This closes CCN _____
- This has action

Any Special Directions (i.e., added distribution, reproduction instructions, colored items, extra attachments) Please add name / telephone # for DIS questions:

28 SEP 99 9:47

*Original being hand carried
per CL Collins*

DIS TO COMPLETE:

RECORD TYPE LTR
 DATA ENTRY BY mc
 REPRO BY file
 SCANNED/# PGS mc/5
 DOCSOPEN # _____

WELL ATTRIBUTES REPORT

WELL ORDER NO _____
WELL ID A5822
WELL NAME 199-N-9
HOST WELL ID _____

CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING 149756.542
EASTING 571502.531
ELEVATION 137.494

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

WELL ATTRIBUTES REPORT

OLD ORDER NO _____
 WELL ID A5822
 WELL NAME 199-N-9
 HOST WELL ID _____

CONST DATE _____
 CONST DEPTH _____

LAST INSPECTION 1/1/1801
 NORTHING 149756.542
 EASTING 571502.531
 ELEVATION 137.494

PIEZOMETER O:

PIEZOMETER INFORMATION

THE PIEZOMETER IS	<input type="checkbox"/> PRESENT	<input type="checkbox"/> MISSING
	<input type="checkbox"/> LABELED	<input type="checkbox"/> NOT LABELED

CHANGES

PERFORATION INFORMATION

CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND

CASING INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS

SCREEN INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE

PIEZOMETER P:

PIEZOMETER INFORMATION

THE PIEZOMETER IS	<input type="checkbox"/> PRESENT	<input type="checkbox"/> MISSING
	<input type="checkbox"/> LABELED	<input type="checkbox"/> NOT LABELED

CHANGES

PERFORATION INFORMATION

CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND

CASING INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS

SCREEN INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE

WELL NAME	WELL TYPE PUMP TYPE	COORDINATES		CASING ELEV WELL DIAM DATE COMPL	DRILL DEPTH COMPL DEPTH DEPTH WATER	PERF/SCREEN			COMMENTS	
		L 83 NS/EW	PLANT NS/EW			TYPE	DIAM	TOP		BOT
199-N-8R	GW B		86810.00 -60776.00	404.09 1.5 6/66	50.0 36.0 16.0	P	1.5	37.0	47.0	
199-N-8S	GW B		86798.00 -60789.00	404.57 1.5 6/66	40.0 37.0 16.0	P	1.5	28.0	38.0	
199-N-8T	GW S		86784.00 -60803.00	404.61 1.5 6/66	30.0 30.0 14.0	P	1.5	20.0	30.0	CONTINUOUS SAMPLE PUMP.
199-N-8U	GW		86816.00 -60770.00	404.59 1.5 5/66	20.0 19.0 14.0	P	1.5	18.0	20.0	PLUGGED
199-N-8V	GW		86776.00 -60811.00	404.61 1.5 6/66	15.0 10.0	P	1.5	5.0	10.0	BENT OVER
199-N-9	AB		86235.00 -60229.00	447.63 12/66						CASING REMOVED
199-N-90	AB									REMOVED
199-N-9P	AB									REMOVED
199-N-10	AB									CASING REMOVED
199-N-100	AB		86786.00 -60091.00	457.26 1.5 2/67	54.0 48.0	P	1.5	52.0	54.0	REMOVED
199-N-10P	AB		86786.00 -60091.00	457.28 1.5 2/67	75.0 66.0 54.0	P	1.5	65.0	67.0	REMOVED
199-N-12	AB		86218.00 -60374.00	456.71 6.0 12/66	74.0 64.0 53.0					CASING REMOVED

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



Job No. 22192
Written Response Required:
Due Date:
Actionee:
Close CCN:
OU:
TSD:
ERA:
Subject Code: 8850

072818

SEP 28 1999

U.S. Department of Energy
Richland Operations Office
Sharon Ruehl, Chairperson
Labor Standards Board
P.O. Box 550, MSIN A6-36
Richland, Washington 99352

Subject: Contract No. DE-AC06-93RL12367
**TRANSMITTAL OF PLANT FORCE WORK REVIEWS FOR
DETERMINATION BY THE BOARD:
8850-033-99**

Dear Ms. Ruehl:

Attached for your review are the originals of the subject Plant Forces Work Reviews. Copies have been delivered to the members of the Labor Standards Board. Any questions you have should be directed to me on 372-9120, or via cc:Mail. Your attention to this matter is appreciated.

Sincerely,

W. B. Shoaf
Field Support

WBS:cac

Original PFWR(s) (other copies delivered to LSB members)

RL-F-3710.1
(02/98)

U.S. DEPARTMENT OF ENERGY
RICHLAND OPERATIONS OFFICE
RICHLAND, WASHINGTON

RL LABOR STANDARDS BOARD ACTION REPORT

Contractor Bechtel Hanford, Inc.	Date Submitted 09/27/99	Date Of Board Action 09/30/99
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IDENTIFICATION OF WORK OR ACTIVITY REVIEWED

Plant Forces Work Request No. 8850-033-99	Work Order No.	Project Proposal No.	Other
--	----------------	----------------------	-------

Brief Description (Title, Area, Building No., Etc.):

Well Decommissioning (1301/1325 cribs)

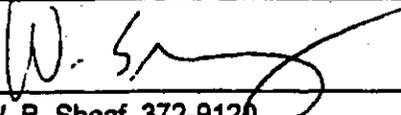
BOARD FINDINGS BASED ON APPLICATION OF DOE ACQUISITION GUIDE, CH. 22 AND DEAR 970.22

- I Not Covered By Davis-Bacon Act:
- Individual Work Item Or Contract Estimated To Cost Less Than \$2,000.
 - Furnishing Supplies Or Equipment Including Installation Requiring Only An Incidental Amount Of Work Defined In Section 922.470 (c)(2).
 - Demolition Not Indispensable Or Preliminary To Scheduled New Construction.
 - Work And Services Which Are A Part Of Operational Or Maintenance Activities.
 - Work And Services Involving A Material Risk To Continuity Of Operations, To Life Or Property, Or To RL Operating Requirements.
 - Routine Or Recurring Work And Services To Keep Facilities Functionally Useful.
 - Assembly, Modification, Set-Up, Installation, Etc. Which Is Not A Logical Part Of A Construction Contract Or Does Not Involve More Than An Incidental Amount Of Construction-Type Activity.
 - Experimental Development Of Equipment, Processes And Devices, Including Assembly, Fitting, Installation, Testing, Reworking And Disassembly.
 - Experimental Work In Connection With Peaceful Uses Of Nuclear Energy Including Assembly, Setting In Place, Or Interconnecting Equipment, Processes, And Devices To Conduct A Test Or Experiment.
 - Emergency Work To Combat Effects Of Fire, Flood, Etc. And To Restart Operational Activity.
 - Decontamination.
 - Burial Of Contaminated Solid Waste Or Contained Liquid Excluding Initial Preparatory Work Readyng Burial Ground For Use.
 - Other.
- II Covered By Davis-Bacon Act:
- Construction, Alteration, And Repair, Including Painting Or Decorating Estimated To Cost \$2,000 Or More.
 - Installation, Movement Of Machinery Or Equipment, And Plant-Rearrangement Involving More Than An Incidental Amount Of Work Defined In DOE Acquisition Guide, Ch. 22.
 - Site Preparation Preliminary To Scheduled New Construction.
 - Assembly, Modification, Set-Up, Etc. Of Machinery Or Equipment Which Is A Part Of Or Would Be A Logical Part Of A Contract For Construction Of A Facility Or Involves More Than An Incidental Amount Of Construction-Type Activity.
 - Preparatory Work To Ready A Burial Ground For Use.
 - Rebuilding Or Replacement Of Structure Or Structural Components Or Equipment To Repair Effects Of Fire, Flood, Etc.
 - Rehabilitation Of All Or A Significant Portion Of A Non-Operable Facility.
 - Installation, Arrangement, Calibration, Etc. Of Equipment During Construction Of A New Facility.
 - Other.

III <input type="checkbox"/> Returned Because Of Incomplete Information	IV <input type="checkbox"/> Referred To RL Manager For Approval
---	---

Chairman	Member	Member
Member	Member	

Remarks

B H I	Bechtel Hanford, Inc. 3350 George Washington Way, Richland, WA 99352 PLANT FORCES WORK REVIEW		Plant Forces Work Review No. 8850-033-99	Date 9/27/99	Page 1 of 2
	Title Decommissioning of 17 wells at 100-N Crib (1301/1325) and 8 wells on various other sites.		Job Control No.	Area All	Bldg No. N/A
R E Q U E S T E R	<u>Estimated Cost of Work</u>				
	*1. Procured Equipment				\$26250.00
	*2. Materials or Equipment Purchased for Shop Fabrication				\$0.00
	*3. Job-Site Material				\$43750.00
	4. Shop Labor				\$0.00
	5. Job-Site Labor				\$105000.00
	6. Other Costs (design, field inspection, and contingency allowance)				\$0.00
7. General Overhead				\$0.00	
*Include estimated fair value of material or equipment acquired onsite				Total Job	\$175000.00
Requester Name		J. M. Jimenez	Phone No.	373-9210	Date: 9/27/99
B H I	Reviewed by: 				Date: 9/27/99
	Signature:		W. B. Shoaf 372-9120		
D O E	The following determination has been made regarding applicability of the Davis-Bacon Act, as amended, to the work described above:				
	Applicable	Not Applicable	Chairman	Date	
	<input type="checkbox"/>	<input type="checkbox"/>	RL-Labor Standards Board		

"Description of Work"

Briefly state the reason for this work activity:

Decommissioning of wells on Hanford Site. Seventeen wells are located in and around the 1301N and 1325N Crib. The wells must be decommissioned prior to the start up of the D&D work at the cribs. There are other wells outside the crib area that are included in this PFWR for decommissioning.

Job Summary:

Perform well decommissioning activities on approximately 25 wells, 17 of which are located in high radiological crib areas. The other 8 are located in radiologically clean areas. The well decommissioning will be performed by a Washington State Licensed Well Driller. The decommissioning will be performed to the WAC Code 173-160, pertaining to well standards for construction and maintenance of wells.

Bechtel Hanford, Inc. 3350 George Washington Way, Richland, WA 99352 PLANT FORCES WORK REVIEW - Continued	Plant Forces Work Review No. 8850-033-99	Page 2 of 2
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Discuss all programmatic or physically associated work planned, underway, or recently completed in the work area:

Certain wells will require preparation to get a drill rig onto the well location, such as placement of 1" steel plate to allow drilling equipment to drive across distribution duct at 1325N Crib.

Describe entire work scope. Fully describe complete job scope using a stepped work flow format. Describe and estimate the cost of labor and material on foundations, structures, utility systems, or other construction type activity. **Provide sketches or measurements for all work:**

Each well will be decommissioned using the following steps:

1. Mobilize decommissioning equipment (drill rig)
2. Set up (rig up equipment) for decommissioning activities.
3. Perforate well casings.
4. Mix and pump cement and/or bentonite grouts.
5. Cut casings and remove casings, when appropriate.
6. Rig down equipment.
7. Demobilize from site.

Wells to be Decommissioned

199-N-35
 199-N-38
 199-N-45
 199-N-109A
 199-N-4
 199-N-65
 199-N-9
 199-N-12
 199-N-107A

199-N-108A
 199-N-5
 199-N-17
 199-N-20
 199-N-23
 199-N-54
 199-N-55
 199-N-86
 199-N-58

199-N-59
 199-N-60
 199-N-61
 199-N-73
 199-N-88
 199-N-89
 699-E-1000

CCN # 072818

Customer To Complete:

- Please call me for pick up/hand delivery _____
- This meets a Milestone or PBCI
- This closes CCN _____
- This has action

Any Special Directions (i.e., added distribution, reproduction instructions, colored items, extra attachments) Please add name / telephone # for DIS questions:

28 SEP 99 9:47

*Original being hand carried
per CL Collins*

DIS TO COMPLETE:

RECORD TYPE LTR

DATA ENTRY BY dmc

REPRO BY file

SCANNED/# PGS mc/s

DOCSOPEN # _____

DRILLING LOG

PROJECT NO.

329

RIS NO. 12

WELL NO. 199-N-9

DATE 2/6/67

DEPTH BEGINNING OF SHIFT 0

DRILLER Rishon

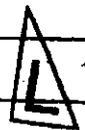
FOREMAN Hatch

SHIFT

DEPTH COMPLETION OF SHIFT 4

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
TIME	DEPTH	TIME	DEPTH		TIME	EXPLANATION
					0800	Moving equipment back from 200 W
					1000	checked in DAT office got self reading pencil
					1100	started setting up had trouble starting rig
1430		1430		sand gravel cobbles	1430	sample at 2' Boulder at 2 1/2' had to move rig about back 6"
					1600	Rig maintenance

REMARKS



DRILLING LOG

PROJECT NO.

329

RIG NO. 119	WELL NO. 199-19	DATE 2/9/67	DEPTH BEGINNING OF SHIFT 4
DRILLER Bigham	FOREMAN Hatch	SHIFT	DEPTH COMPLETION OF SHIFT 16

DRILLING		CORING		TYPE SOIL	OTHER DELAYS	
TIME	DEPTH	TIME	DEPTH		TIME	EXPLANATION
					0800	RIG MAINTENANCE
1030		1030				
		1100	5'	FINE GRAVEL / MEDIUM SAND		SAMPLE
		1150	7'	SAND / SAND		SAMPLE
					1215 to 1330	stopped by AC RAY OR MASK TO WELD WITH
					1330	added 6' 10" casing total 13'
		1400	8'	COARSE SAND		into LARGE GRAVEL
		1415	9'	SAND		
		1425	10'	SAND		
		1440	11'	SAND		
		1450	12'	SAND		

REMARKS

		1500	13'	SAND		
		1510	14'	SAND		
		1520	15'	SAND		
					1530	added 5' 10" casing total 19'-8"
			16'	SAND		



DRILLING LOG

PROJECT NO. 329

WELL NO. 109
 FOREMAN H. H. L.
 DATE 2/13/67
 SHIFT

DEPTH BEGINNING OF SHIFT 13
 DEPTH COMPLETION OF SHIFT
 OTHER DELAYS
 EXPLANATION

DRILLING TIME	DEPTH	CORING		TYPE SOIL	TIME	EXPLANATION
		DEPTH	TIME			
					0800	TRUCK HANDLING OUT
						ON RISE
						WITH 7-1/2" DIAMETER
						NEW DESIGN

REMARKS



WELL ATTRIBUTES REPORT

WELL ORDER NO _____
WELL ID A9452
WELL NAME 199-N-90
HOST WELL ID A5822

CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING 149756.542
EASTING 571502.531
ELEVATION 137.57

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

WELL NAME	WELL TYPE PUMP TYPE	COORDINATES		CASING ELEV	DRILL DEPTH	PERF/SCREEN			COMMENTS	
		L 83 NS/EW	PLANT NS/EW	WELL DIAM DATE COMPL	COMPL DEPTH DEPTH WATER	TYPE	DIAM	TOP	BOT	PREVIOUS WELL NAMES
199-N-8R	GW B		86810.00 -60776.00	404.09 1.5 6/66	50.0 36.0 16.0	P	1.5	37.0	47.0	
199-N-8S	GW B		86798.00 -60789.00	404.57 1.5 6/66	40.0 37.0 16.0	P	1.5	28.0	38.0	
199-N-8T	GW S		86784.00 -60803.00	404.61 1.5 6/66	30.0 30.0 14.0	P	1.5	20.0	30.0	CONTINUOUS SAMPLE PUMP.
199-N-8U	GW		86816.00 -60770.00	404.59 1.5 5/66	20.0 19.0 14.0	P	1.5	18.0	20.0	PLUGGED
199-N-8V	GW		86776.00 -60811.00	404.61 1.5 6/66	15.0 10.0	P	1.5	5.0	10.0	BENT OVER
199-N-9	AB		86235.00 -60229.00	447.63 12/66						CASING REMOVED
199-N-9O	AB		86235.00 -60229.00	447.88 1.5 2/67	36.0					REMOVED
199-N-9P	AB									REMOVED
199-N-10	AB									CASING REMOVED
199-N-10O	AB						1.5	52.0	54.0	REMOVED
199-N-10P	AB		86786.00 -60091.00	457.28 1.5 2/67	75.0 66.0 54.0	P	1.5	65.0	67.0	REMOVED
199-N-12	AB		86218.00 -60374.00	456.71 6.0 12/66	74.0 64.0 53.0					CASING REMOVED

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

WELL ATTRIBUTES REPORT

WELL ORDER NO
WELL ID A9551
WELL NAME 199-N-9P
HOST WELL ID A5822

CONST DATE
CONST DEPTH

LAST INSPECTION 1/1/1801
NORTHING 149756.542
EASTING 571502.531
ELEVATION 137.585

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

WELL NAME	WELL TYPE PUMP TYPE	COORDINATES		CASING ELEV WELL DIAM DATE COMPL	DRILL DEPTH COMPL DEPTH DEPTH WATER	PERF/SCREEN			COMMENTS	
		L 83 NS/EW	PLANT NS/EW			TYPE	DIAM	TOP		BOT
199-N-8R	GW B		86810.00 -60776.00	404.09 1.5 6/66	50.0 36.0 16.0	P	1.5	37.0	47.0	
199-N-8S	GW B		86798.00 -60789.00	404.57 1.5 6/66	40.0 37.0 16.0	P	1.5	28.0	38.0	
199-N-8T	GW S		86784.00 -60803.00	404.61 1.5 6/66	30.0 30.0 14.0	P	1.5	20.0	30.0	CONTINUOUS SAMPLE PUMP.
199-N-8U	GW		86816.00 -60770.00	404.59 1.5 5/66	20.0 19.0 14.0	P	1.5	18.0	20.0	PLUGGED
199-N-8V	GW		86776.00 -60811.00	404.61 1.5 6/66	15.0 10.0	P	1.5	5.0	10.0	BENT OVER
199-N-9	AB		86235.00 -60229.00	447.63 12/66						CASING REMOVED
199-N-90	AB		86235.00 -60229.00	447.88 1.5 2/67	36.0					REMOVED
199-N-9P	AB		86235.00 -60229.00	447.93 1.5 2/67	18.0					REMOVED
199-N-10	AB									CASING REMOVED
199-N-100	AB						.5	52.0	54.0	REMOVED
199-N-10P	AB						.5	65.0	67.0	REMOVED
199-N-12	AB		86218.00 -60374.00	456.71 6.0 12/66	74.0 64.0 53.0					CASING REMOVED

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