PNL-3504
UC-11

A Catalog of Borehole Geophysics on the Hanford Site, 1958 to 1980

S. C. Blair
L. S. Law
J. W. Lindberg

March 1981

Prepared for the U.S. Department of Energy
under Contract DE-AC06-76RLO 1830

Pacific Northwest Laboratory
Operated for the U.S. Department of Energy
by Battelle Memorial Institute

Battelle

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PACIFIC NORTHWEST LABORATORY
operated by
BATTELLE
for the
UNITED STATES DEPARTMENT OF ENERGY
Under Contract DE-AC06-76RLO 7830

Printed in the United States of America
Available from
National Technical Information Service
United States Department of Commerce
5285 Port Royal Road
Springfield. Virginia 22151

Price: Printed Copy $_____*; Microfiche $3.00

*Pages	NTIS Selling Price
001-025	$4.00
026-050	$4.50
051-075	$5.25
076-100	$6.00
101-125	$6.50
126-150	$7.25
151-175	$8.00
176-200	$9.00
201-225	$9.25
226-250	$9.50
251-275	$10.75
276-300	$11.00

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SUMMARY

This report catalogs geophysical borehole data acquired between January 1, 1958 and April 8, 1980 for nearly 800 wells on and around the Hanford Site. These data have been placed in a format that can be easily adapted to a computerized data management system. Maps are provided for quick identification of specific wells. Each well is classified according to the amount of geophysical logging data available. A cross reference between common well name and the Hanford grid name is given to eliminate confusion among various sources of data.

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ACKNOWLEDGMENTS

The authors wish to acknowledge the assistance of V. L. McGhan, Pacific Northwest Laboratory, and S. R. Strait, Rockwell Hanford Operations, in preparing this document.

1.0 INTRODUCTION

Borehole geophysics is an important tool for determining properties of the subsurface environment. The diversity and sophistication of logging equipment and techniques presently available make possible many subsurface measurements which are valuable to researchers in geology, geophysics, and, more importantly, geohydrology. For over 20 years, geophysical logging has been continuing on the Hanford Site, but until now a complete list of geophysical logs has not been compiled. This report catalogs much of the geophysical log data collected on the Hanford Site and serves as an index to the type and amount of data available for specific wells on the site.

Approximately 800 wells on the Hanford Site have been logged using geophysical methods. However, not every type of data is available for every well. Furthermore, for a particular well, logs may only be available for certain depth intervals. Due to the large number of logs listed here and the diversity in type and depth interval recorded, the logs are indexed according to both geographic area and the amount of data available for a particular well. This report complements a report entitled Hanford Wells (1979) by V. L. McGhan and D. W. Damschen.

2.0 SOURCES OF DATA

The geophysical well logs cataloged here were compiled from the following sources:

- records of geophysical logging operations conducted by Pacific Northwest Laboratory (PNL) since 1958
- a listing of geophysical logging operations conducted by Atlantic Richfield Hanford Company (ARHCO) and Rockwell Hanford Operations (RHO) since 1958
- Geohydrological Studies for Nuclear Waste Isolation at the Hanford Reservation, a report by Lawrence Berkeley Laboratory (Apps et al. 1979)
- Geophysical Borehole Investigations of the WPPSS Nuclear Project No. 1 (Alternate Site), a report by Washington State University (Crosby et al. 1974).

3.0 DATA CATALOG

This section explains the indexing system.

3.1 INDEX BY GEOGRAPHIC AREA

Wells drilled on the Hanford Site tend to be concentrated in each of the "Areas" defined on the site. Table 1 lists the number of wells that have been logged in each "Area".

Geophysical logging data for the 100, 200E, 200W, and 300 Areas of the Hanford Site are presented in Tables 2 through 5, respectively. Logs for the 600 Area are presented in Tables 6a, 6b, and 6c. Table 7 is an index to borehole geophysical data available for the WPPSS No. 2 construction site. Each of these tables presents the well name, logging tool used, depth interval logged (ft), date completed (or published), and contractor. Maps showing locations of wells for each of the areas are presented in Figures 1 through 6.

3.2 INDEX BY AMOUNT OF DATA PER WELL

Classification of wells according to amount of data available is designed to aid in developing multiparameter analyses of borehole logging data. A discrete lookup table was designed (Table 8) in order to classify each well according to the amount of borehole logging data available for that well. Using this lookup table, wells were classified according to the number of different types of logs available and the length of interval logged. Table 9 lists wells in each classification, and Table 10 lists the number of wells in each classification.

3.3 CROSS REFERENCE

There are several drill holes on the Hanford Site that have been assigned a name independent of the Hanford grid numbering system. These holes, such as ARC-DC-1, are listed in this report according to their Hanford grid number. Table 11 is a cross reference which lists both the independent name and the Hanford grid name for 53 wells on the Hanford Site.

3.4 ADDITIONAL WELLS

As with every cataloging system there are certain wells that cannot be totally incorporated into this system. Such wells are described as follows:

1. New wells not located on Hanford Site map.
2. Wells located too far west to appear on the Hanford Site Map.
3. Old wells that have been abandoned or forgotten.
4. Wells with names assigned but with unknown locations.

Wells and deep holes that fall into these categories are listed in Table 12. Logs for these wells are listed in the appropriate tables; however, the wells are not shown on the maps included here. Geophysical logging conducted at deep holes OC-14 and DC-15 is listed in Table 13.

3.5 WELL NUMBERING SYSTEM

For those unfamiliar with the Hanford wells numbering system, the section entitled "Well Numbering System" Hanford Wells by V. L. McGhan and O. W. Damschen has been reprinted in the Appendix.

4.0 REFERENCES

McGhan, V. L. and D. W. Damschen. 1979. Hanford Wells. PNL-2894, Pacific Northwest Laboratory, Richland, Washington.

Apps, J., et al. 1979. Geohydrological Studies for Nuclear Waste Isolation at the Hanford Reservation. LBL-8764, Lawrence Berkeley Laboratory, Berkeley, California.

Crosby, J. W., et al. 1974. Geophysical Borehole Investigations of the WPPSS Nuclear Project No. 1 (Alternate) Site. No. 74/15-5 Washington State University College of Engineering Research Division, Pullman, Washington.

Lindberg, J. W. and F. W. Bond. 1979. Geohydrology and Ground-Water Quality Beneath the 300 Area, Hanford Site, Washington. PNL-2949, Pacific Northwest Laboratory, Richland, Washington.

TABLE 1. Number of Wells With Geophysical Logs in Each Hanford Area

Area	No. of Wells
600	302
100	20
200 East	202
200 West	260
300	14
300	17
Total	795

TABLE 2. Geophysical Logs Available for Wells in the 100 Area

Well Name	Date	Logging Company	Gamma Gamma	Neutron Epithermal Neutron	Natural Gamma	Sonic
B3-2	3/63	Battelle				0-768
B4-2	4/80	Battelle	0-80		0-80	0-80
B4-3	4/80	Battelle			0-80	0-80
B5-1	3/63	Battelle				0-124
02-5	5/63	Battelle				0-96
05-12	5/63	Battelle				0-88
4/80	Battelle	0-190		0-190	0-190	
08-3	4/80	Battelle	0-80		0-80	0-80
F5-1	4/80	Battelle	0-60		0-60	0--60
F5-3	5/63	Battelle				0-32
F5-4	5/63	Battelle				0-110
F5-6	5/63	Battelle				0-148
	4/80	Battelle	0-120	0-120	0-120	0-120
F8-1	5/63	Battelle				0-40
H3-1	5/63	Battelle				0-80
H4-2	5/63	Battelle				0-310
	4/80	Battelle	0-370		0-370	0-370
H4-3	5/63	Battelle				0-30
K-11	3/63	Battelle				0-136
K-19	3/63	Battelle				0-20
N-9	2/67	Battelle			0-36	
N-10	4/67	Battelle			0-48	
N-13	3/67	Battelle			0-52	

TABLE 3. Geophysical Logs Available for Wells in the 200 East Area

	Log Type/Internal Logged (ft)						
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
E13-1	6/65	0-331	4/58	0-330	6/76, 11/76	0-340	(0-270)
	2/77	0-340	5/59	0-330			
			5/63	0-348			
			10/65	0-348			
			4/68	0-352			
			4/76	0-350			
E13-2	6/65	0-340	4/58	0-330	6/76, 11/76	0-340	(0-160)
	2/77	0-340	5/59	0-330			
			5/63	0-364			
			4/68	0-340			
			4/76	0-350			
E13-3	6/65	0-330	4/58	0-340	6/76, 11/76	0-340	(0-130)
	10/65	0-340	5/59	0-320			
	2/77	0-360	5/63	0-352			
			10/65	0-364			
			4/76	0-360			
E13-4	6/65	0-340	4/58	0-340	6/76, 11/76	0-340	(0-80)
	2/77	0-360	5/59	0-320			
			5/63	0-364			
			4/68	0-364			
			4/76	0-370			
E13-5	6/65	0-340	4/58	0-340	6/76, 11/76	0-340	(0-90)
	2/77	0-360	5/59	0-320			
			5/63	0-368			
			4/68	0-364			
			4/76	0-370			
E13-6	6/65	0-340	4/58	0-340	6/76, 11/76	0-340	(0-120)
	2/77	0-360	5/59	0-320			
			5/63	0-364			
			4/68	0-364			
			2/76	0-360			

TABLE 3. (Contd)

	Log Type/Internal Logged (ft)						
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
i13-7	6/65	0-330	5/59	0-320	6/76, 11/76	0-340	(0-120)
	2/77	0-340	5/63	0-364			
			4/68	0-364			
			4/76	0-360			
E13-8	6/65	0-330	4/58	0-320	6/76	0-340	
	2/77	0-360	5/59	0-320			
E13-8			5/63	0-364			
			4/68	0-364			
			2/76	0-360			
E13-9	6/65	0-330	4/58	0-340	6/76	0-340	
	2/77	0-360	5/59	0-820			
			5/63	0-364			
			4/68	0-360			
			4/76	0-360			
E13-10	11/65	0-100	5/58	00320	6/76	0-340	
	2/77	0-340	5/59	0-310			
			5/63	0-348			
			4/68	0-344			
			4/76	0-340			
E13-11	6/65	0-330	4/58	0-330	6/76	0-340	
	2/77	0-350	5/59	0-240			
			5/63	0-352			
			4/68	0-352			
			4/76	0-350			
E13-12	6/65	10-320	4/58	0-330	2/76, 11/76	0-340	(0-40)
	10/65	0-320	5/59	0-320			
			4/68	0-348			
			5/68	0-364			
E13-13	6/65	0-320	5/59	0-300			
			5/63	0-352			
			5/76	0-280			

TABLE 3. (Contd)

		Log Type/Internal Logged (ft)					
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
E13-14	11/65	0-100	5/59	0-320	6/76	0-340	
	2/77	0-340	5/63	0-344			
			4/68	0-352			
E13-15	6/65	0-330	5/59	0-320	6/76	0-340	
	10/65	0-320	5/63	0-360			
	2/77	0-360	4/68	0-360			
			5/76	0-360			
E13-16	6/65	0-330	5/63	0-340	6/76	0-340	
	10/65	0-300	5/59	0-320			
	2/77	0-350	5/63	0-340			
			4/68	0-360			
			4/76	0-360			
E13-17	6/65	0-320	5/58	0-320	6/76	0-340	
	10/65	0-320	5/59	0-310			
	2/77	0-340	5/63	0-344			
			4/68	0-344			
			5/76	0-340			
E13-18	2/77	0-380	5/58	0-380	6/76	0-320	
			5/59	0-310			
			5/63	0-328			
			4/68	0-332			
			5/76	0-330			
E13-19	2/77	0-360	4/58	0-330	6/76	0-360	
			5/59	0-310			
			6/63	0-360			
			4/68	0-360			
			12/76	0-360			
E13-20			5/59	0-340			
			5/63	0-560			
E13-21	7/66	0-340	7/66	0-336	6/76	0-340	
	2/77	0-340	2/67	0-340			
			4/68	0-336			
			5/76	0-340			

TABLE 3. (Contd)

Well Number	Date	Log Type/Internal Logged (ft) Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
E-13-51	7/66	0-100	7/66	0-96			
			2/67	0-96			
			4/68	0-96			
E13-52	7/66	0-90	7/66	0-92			
	2/67	0-90	4/68	0-92			
E16-2	6/65	0-270	5/63	0-332	6/76, 11/76	0-330	(0-20)
	1/77	0-330	4/68	0-336			
			4/76	0-340			
E17-1	6/65	0-310	3/58	0-310	6/77, 11/76	0-330	(0-300)
	2/77	0-330	5/59	0-300			
			5/63	0-336			
			4/68	0-336			
			4/70	0-332			
			4/76	0-332			
			4/79	0-330			
E17-2	6/65	0-310	5/63	0-400	6/76, 11/76	0-390	(0-110)
	2/77	0-400	4/68	0-396			
			4/70	0-396			
			2/76	0-390			
			4/79	0-400			
E17-3	6/65	0-310	5/63	0-400	6/76, 11/76	0-400	(0-330)
	2/77	0-400	4/68	0-408			
			4/70	0-312			
			4/76	0-410			
			4/79	0-400			
E17-4	10/65	0-310	10/65	0-392	6/76, 11/76	0-380	(0-320)
	4/68	0-310	4/68	0-388			
	2/77	0-380	4/70	0-384			
			2/76	0-390			
			3/79	0-380			
			5/79	0-380			

TABLE 3. (Contd)

		Log Type/Internal Logged (ft)					
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
E17-5	10/65	0-310	1065	0-322			
			4/68	0-332			
			4/70	0-332			
			2/76	0-340			
			3/79	0-330			
			5/79	0-330			
E17-6	6/65	0-310	7/65	0-496	6/76	0-500	
	7/65	0-310	4/68	0-488			
	9/65	0-310	4/70	0-492			
	10/65	0-310	4/76	0-500			
	12/76	0-500	4/79	0-490			
	2/77	0-500	5/79	0-490			
E17-7	2/77	0-390	3/67	0-336	6/76, 11/76	0-380	(0-130)
			4/68	0-380			
			4/70	0-388			
			4/76	0-390			
			3/79	0-380			
			5/79	0-380			
E17-8	2/77	0-360	4/68	0-368	6/76	0-360	
			4/70	0-364			
			4/76	0-370			
E17-9	4/65	0-130	4/68	0-128	6/76	0-320	
	2/77	0-320	4/70	0-324			
			4/76	0-320			
E19-1	6/65	0-330	5/59	0-340	5/75	0-360*	
	5/75	0-360	5/63	0-360			
			5/75	0-360*			
E23-1	6/65	0-310	5/58	0-180			
			5/29	0-310			
			5/63	0-336			
E23-2			5/63	0-440			

TABLE 3. (Contd)

	Log Type/Internal Logged (ft)						
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
	6/65	0-310	3/58	0-300	6/76	0-340	
	9/65	0-310	5/590	0-320			
	2/77	0-340	5/63	0-344			
			9/65	0-344			
			4/68	0-340			
			4/70	0-340			
			2/76	0-340			
			4/76	0-340			
			11/76	0-340			
			4/79	0-340			
E24-2	6/65	0-310	5/59	0-310	6/76, 11/76	0-340	0-100
	2/77	0-340	5/63	0-348			
			4/68	0-352			
			4/70	0-348			
			2/76	0-350			
			4/79	0-340			
E24-3	6/65	0-290	5/59	0-300	6/76	0-326	
	2/77	0-260	5/63	0-296			
			4/68	0-260			
			2/76	0-260			
E24-4	6/65	0-290	5/59	0-300	5/75	0-323*	
	5/75	0-323*	4/68	0-324			
	2/77	0-320	5/63	0-332			
			5/75	0-323*			
			4/76	0-330			
E24-5	6/65	0-290	5/59	0-280	6/76	0-320	
	2/77	0-320	5/63	0-328			
			4/76	0-330			
E24-6	6/75	0-50	5/59	0-45			
			5/63	0-52			
E24/7	6/65	0-310	5/59	0-320			
			5/63	0-426			

TABLE 3. (Contd)

Well Number	Log Type/Internal Logged (ft)						
	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	Density (W/O Source)
E24-8	2/77	0-320	5/59	0-290	6/76	0-320	
			5/63	0-376	11/76	0-320)	
			4/68	0-320			
			5/76	0-330			
E24-9	7/65	0-310	5/63	0-360			
	2/77	0-360	10/64	0-220	6/76	0-360	
			4/68	0-364			
			2/76	0-370			
			4/79	0-360			
E24-10	10/65	0-310	10/65	0-320			
			3/67	0-320			
			4/68	0-320			
			4/70	0-320			
			4/79	0-320			
E24-11	2/77	0-360	3/78	0-364	6/76	0-360	
			4/70	0-364			
			2/76	0-360			
E24-12	2/77	0-320	4/70	0-324	6/76	0-320	
			4/76	0-320			
E24-53	2/77	0-40	5/63	0-52	6/76, 11/76	0-50	(0-50)
			4/76	0-50			
E24-54			5/63	0-44			
E24-56	9/65	0-150	5/59	0-140	6/76, 1176	0-140	(0-140)
			5/63	0-148			
	2/77	0-40	4/76	0-150			
E24-57	9/65	0-150	5/59	0-135	6/76, 11/76	0-150	(0-140)
	2/77	0-140	5/63	0-144			
			4/76	0-150			
E24-58	9/65	0-150	5/59	0-140	6/76, 11/76	0-150	(0-150)
	2/77	0-150	5/63	0-152			
			4/76	0-150			

TABLE 3. (Contd)

	Log Type/Internal Logged (ft)						
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
E24-9	7/65	0-310	5/63	0-360			
	2/77	0-360	10/64	0-220	6/76	0-360	
			4/68	0-364			
			2/76	0-370			
			4/79	0-360			
E24-10	10/65	0-310	10/65	0-320			
			3/67	0-320			
			4/68	0-320			
			4/70	0-320			
			4/79	0-320			
E24-11	2/77	0-360	3/78	0-364	6/76	0-360	
			4/70	0-364			
			2/76	0-360			
E24-3	6/65	0-290	5/59	0-300	6/76	0-326	
	2/77	0-260	5/63	0-296			
			4/68	0-260			
			2/76	0-260			
E24-4	6/65	0-290	5/59	0-300	5/75	0-323*	
	5/75	0-323*	4/68	0-324			
	2/77	0-320	5/63	0-332			
			5/75	0-323*			
			4/76	0-330			
E24-5	6/65	0-290	5/59	0-280	6/76	0-320	
	2/77	0-320	5/63	0-328			
			4/76	0-330			
E24-6	6/75	0-50	5/59	0-45			
			5/63	0-52			
E24/7	6/65	0-310	5/59	0-320			
			5/63	0-426			
E24-8	2/77	0-320	5/59	0-290	6/76	0-320	
			5/63	0-376	11/76		
			4/68	0-320			
			5/76	0-330			

TABLE 3. (Contd)

	Log Type/Internal Logged (ft)						
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
E24-59			5/59	0-140			
			5/63	0-152			
			4/68	0-148			
			4/76	0-150			
E24-60			5/59	0-140			
			5/63	0-152			
			4/68	0-152			
			4/76	0-150			
E24-63	2/77	0-40	4/68	0-52	6/76	0-50	
			4/76	0-50			
E25-1			5/59	0-220			
E25-2	7/65	0-270	5/59	0-270	6/76	0-360	
	2/77	0-360	5/63	0-364			
			4/68	0-364			
			2/76	0-360			
E24-12	2/77	0-320	4/70	0-324	6/76	0-320	
			4/76	0-320			
E24-53	2/77	0-40	5/63	0-52	6/76, 11/76	0-50	(0-50)
			4/76	0-50			
E24-54			5/63	0-44			
E24-56	9/65	0-150	5/59	0-140	6/76, 1176	0-140	(0-140)
			5/63	0-148			
	2/77	0-40	4/76	0-150			
E24-57	9/65	0-150	5/59	0-135	6/76, 11/76	0-150	(0-140)
	2/77	0-140	5/63	0-144			
			4/76	0-150			
E24-58	9/65	0-150	5/59	0-140	6/76, 11/76	0-150	(0-150)
	2/77	0-150	5/63	0-152			
			4/76	0-150			

TABLE 3. (Contd)

		Log Type/Internal Logged (ft)					
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
E25-3	7/65	0-280	5/58		0-290	6/76	0-310
	2/77	0-310	5/59	0-270			
			5/63	0-312			
			4/68	0-312			
			2/76	0-310			
E25-4	6/65	0-250	2/58	0-230	6/76	0-260	
	1/77	0-260	11/58	0-170			
			6/59	0-240			
			5/63	0-256			
			2/76	0-260			
E25-5	7/65	0-250	2/58	0-240	6/76, 11/76	0-280	(0-60)
	2/77	0-270	11/58	0-160			
			6/59	0-240			
			5/63	0-240			
			5/63	0-292			
			4/76	0-280			
E25-6							
E25-7	7/65	0-250	2/58	0-240	6/76	0-260	
	2/77	0-260	11/58	0-170			
			12/58	0-260			
			6/59	0-240			
			5/63	0-284			
			4/68	0-292			
			4/76	0-260			
E25-8	7/65	0-250	2/58	0-240	6/76	0-260	
	2/77	0-260	11/58	0-240			
			6/59	0-240			
			5/63	0-276			
			4/68	0-272			
			4/76	0-270			

TABLE 3. (Contd)

Well Number	Date	Log Type/Internal Logged (ft) Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
E25-9	7/65	0-250	2/58	0-230	6/76	0-260	
	2/77	0-260	11/58	0-250			
			6/59	0-240			
			5/63	0-276			
			4/68	0-272			
			2/76	0-260			
E25-10	7/65	0-250	12/58	0-260			
			6/59	0-230			
			5/63	0-288			
			12/76	0-280			
E25-11	6/65	0-270	5/63	0-340	6/76	0-300	
	1/77	0-310	6/68	0-308			
			2/76	0-310			
E25-12	6/65	0-270	5/63	0-344	6/76	0-330	
	1/77	0-310	4/68	0-336			
			4/76	0-350			
E25-14	2/67	0-200	2/67	0-204	6/76, 212/76	0-330	(0-130)
	2/77	0-200	4/76	0-210			
E25-17	1/77	0-290	12/76	0-290			
	2/77	0-290					
	2/77	0-290					
	3/77	0-290					
E25-18	1/77	0-290	12/76	0-290			
	2/77	0-290					
	2/77	0-290					
	3/77	0-290					

TABLE 3. (Contd)

Well Number	Log Type/Internal Logged (ft)						
	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
E25-19	1/77	0-280	12/76	0-290			
	2/77	0-280					
	2/77	0-280					
	3/77	0-280					
E25-20	1/77	0-290	12/76	0-290			
	2/77	0-290					
	2/77	0-290					
	3/77	0-290					
E25-53			5/76	0-160			
E25-54			12/76	0-150			
E25-98	2/67	0-80	2/76	0-83			
	2/77	0-80					
E26-1	6/65	0-210	5/59	0-220			
			5/63	0-240			
			11/76	0-240			
E26-2	1/65	0-250	4/58	0-90			
	7/65	0-230	12/58	0-230			
	2/77	0-260	12/58	0-240			
			6/59	0-220			
			5/63	0-260			
			4/76	0-260			
E26-3	1/65	0-240	4/58	0-170			
	7/65	0-230	12/58	0-230			
	2/77	0-260	12/58	0-240			
			6/59	0-220			
			5/63	0-264			
			4/76	0-270			
			4/76	0-270			

TABLE 3. (Contd)

		Log Type/Internal Logged (ft)					
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
E26-4	1/65	0-260	12/58	0-256	11/76		0-100
	7/65	0-240	12/58	0-240			
	2/77	0-280	6/59	0-220			
			5/63	0-280			
			4/76	0-280			
E26-5	1/65	0-290	4/58	0-230			
	7/65	0-240	5/58	0-180			
	2/77	0-280	6/58	0-170			
			6/58	0-180			
			12/58	0-250			
			12/58	0-250			
			6/59	0-230			
			5/63	0-284			
			6/68	0-280			
			2/76	0-280			
E26-7	2/67	0-240	2/67	0-240	11/76		0-140
	2/77	0-210	4/76	0-240			
E27-1	6/65	0-270	4/76	0-240			
			5/63	0-320			
E27-3			5/59	0-280			
			5/63	0-360			
E27-5	6/65	0-270	4/68	0-336			
	2/77	0-330	5/63	0-340			
	3/77	0-320	5/76	0-340			
E27-51			5/63	0-80			
			11/64	0-72			
E27-52			5/63	0-148			
E27-54			5/63	0-136			
E27-55			5/63	0-132			
E27-56			5/63	0-152			
			11/64	0-152			

TABLE 3. (Contd)

	Log Type/Internal Logged (ft)						
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
E27-57			5/63	0-60			
E28-i	6/65	0-280	5/59	0-280	6/76	0-320	
			5/63	0-300			
			5/76	0-320			
E28-2	6/65	0-270	6/58	0-280			
			5/63	0-300			
			7/79	0-310			
E28-3	6/65	0-280	5/59	0-290			
			5/63	0-324			
			7/79	0-320			
E28-4	6/65	0-270	5/59	0-290			
			5/63	0-316			
			7/79	0-300			
E28-5	6/65	0-260	8/59	0-260	6/76	0-320	
			5/63	0-320			
			5/76	0-330			
E28-6	5/65	0-290	5/59	0-290			
			5/63	0-300			
			5/63	0-340			
E28-7	6/65	0-280	8/59	0-270	6/76	0-300	
			5/63	0-316			
			4/68	0-312			
			5/76	0-320			
E28-8	6/65	0-260	5/59	0-260			
			5/63	0-316			
			7/79	0-310			

TABLE 3. (Contd)

		Log Type/Internal Logged (ft)					
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
E28-9	6/65	0-290	5/59	0-300	6/76	0-340	
	2/77	0-340	5/63	0-344			
			9/67	0-304			
			4.68	0-344			
			8/68	0-296			
			11/68	0-340			
			4/70	0-340			
			5/76	0-350			
E28-10	6/65	0-270	5/63	0-332			
			7/79	0-320			
E28-12	2/77	0-340	4/68	0-348	6/76	0-340	
			4/70	0-348			
			2/76	0-350			
E28-13	2/77	0-370	4/68	0-376	6/76	0-360	
			4/70	0-372			
			5/76	0-370			
E28-14	2/77	0-350	4/68	0-372	6/76, 11/76	0-330	(0-360)
			5/76	0-360			
			7/79	0-350			
E28-15			4/68	0-340			
E28-16	11/68	0-290	11/68	0-320	6/76	0-310	
	2/77	0-320	4/70	0-320	11/76		0-120
			5/76	0-320			
E28-17	2/77	0-350	4/70	0-352	6/76	0-350	
			5/76	0-360			
E28-18	2/77	0-310	4/70	0-324	6/76, 11/76	0-300	(0-110)
			2/76	0-310			
			5/76	0-310			

TABLE 3. (Contd)

		Log Type/Internal Logged (ft)					
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
E28-19	2/77	0-310	4/70	0-332	6/76	0-300	
			5/76	0-310			
E28-20	2/77	0-290	4/70	0-328	6/76	0-290	
			5/76	0-300			
E28-21	2/77	0-310	4/70	0-332	6/76	0-310	
			5/76	0-320			
E28-53			5/63	0-24			
			5/76	0-20			
E28-54	2/77	0-140	5/63	0-148	6/76, 11/76	0-230	(0-60)
			5/76	0-150			
E28-55			5/63	0-148			
			5/76	0-160			
E28-56	2/77	0-150	5/63	0-152			
			5/76	0-150			
E28-57	2/77	0-140	5/63	0-148	11/76		0-60
			5/76	0-150			
E28-58			5/63	0-148			
			5/76	0-150			
E28-58			5/63	0-148			
			5/76	0-160			
E28-59			5/63	0-144			
			5/76	0-150			
E28-60	2/77	0-140	5/63	0-148	11/76		0-80
E28-61	2/77	0-150	5/63	0-148	11/76		0-40
			5/76	0-150			
E28-64			9/67	0-20			
			5/76	0-40			
E28-65	9/68	0-80	8/68	0-76			
			9/68	0-80			
			5/76	0-80			

TABLE 3. (Contd)

	Log Type/Internal Logged (ft)						
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
E28-66	9/68	0-80	8/68	0-76	11/76		0-80
	2/77	0-80	9/68	0-76			
			5/76	0-80			
E28-69	9/68	0-120	9/68	0-120			
E28-70	9/68	0-100	9/68	0-84			
E28-71	9/68	0-100	9/68	0-100			
E32-1	6/65	0-250	5/59	0-260			
			5/63	0-280			
E33-1	7/65	0-220	1/59	0-220	11/76		0-240
	2/77	0-230	5/63	0-240			
			7/65	0-236			
			8/65	0-240			
			4/68	0-236			
			4/70	0-236			
			5/76	0-240			
			2/79	0-230			
			5/79	0-230			
E33-2	7/65	0-220	5/59	0-210	6/76	0-230	
	2/77	0-220	5/63	0-232	11/76		0-240
			7/65	0-228			
			8/65	0-220			
			4/68	0-236			
			4/70	0-236			
			5/76	0-240			
E33-3	7/65	0-220	1/59	0-220	6/76, 11/76	0-230	(0-240)
	2/77	0-230	5/63	0-232			
			7/65	0-236			
			8/65	0-236			
			4/68	0-236			
			4/70	0-236			
			5/76	0-240			
			2/79	0-230			
			5/79	0-230			

TABLE 3. (Contd)

	Log Type/Internal Logged (ft)							
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
E34-4	7/65	0-220	1/59	0-220	6/76, 11/76	0-230	(0-280)
	2/77	0-230	5/63	0-232			
			7/65	0-238			
			9/65	0-228			
			4/68	0-228			
			2/76	0-240			
E33-5	7/65	0-220	5/59	0-210	6/76, 11/76	0-230	(0-240)
	2/77	0-240	5/63	0-240			
			7/65	0-236			
			4/68	0-240			
			4/70	-=240			
			5/76	0-240			
E33-6	7/65	0-220	5/59	0-210	6/76, 11/76	0-220	(0-220)
	2/77	0-220	5/63	0-240			
			765	0-220			
			4/68	0-232			
			4/70	0-232			
			5/76	0-220			
E33-7	7/65	0-220	1/59	0-210	6/76, 11/76	0-230	(0-230)
	2/77	0-220	5/63	0-232			
			7/65	0-232			
			4/68	0-312			
			4/70	0-312			
			2/76	0-230			
E33-8	2/77	0-250	5/59	0-230	6/76, 11/76	0-240	(0-80)
			5/63	0-260			
			4/68	0-260			
			4/70	0-260			
			2/76	0-260			
E33-9			5/59	0-250			
			5/63	0-268			

TABLE 3. (Contd)

		Log Type/Internal Logged (ft)					
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
E33-10	6/665	0-260	5/59	0-270			
			5/63	0-272			
			4/68	0-308			
			4/70	0-292			
			12/76	0-290			
E33-11	6/65	0-210	5/59	0-210	6/76, 11/76	0-230	(0-230)
	2/77	0-220	5/63	0-228			
			4/70	0-228			
			5/76	0-220			
E33-12	6/65	0-220	5/59	0-210	6/76, 11/76	0-400	(0-410)
	2/77	0-410	5/63	0-408			
			4/68	0-404			
			5/76	0-420			
E33-13	2/77	0-230	5/59	0-220	6/76	0-230	
			5/63	0-236			
			4/68	0-236			
			4/70	0-236			
			5/76	0-240			
E33-14	6/65	0-220	5/59	0-210	6/76	0-220	
	2/77	0-220	5/63	0-228			
			4/70	0-228			
			5/76	0-230			
E33-15	7/65	0-220	5/59	0-220	6/76, 11/76	0-240	(0-240)
	2/77	0-250	5/63	0-252			
			4/68	0-252			
			4/70	0-252			
			5/76	0-250			
E33-16	2/77	0-260	5/59	0-240	6/76, 11/76	0-250	(0-260)
			5/63	0-256			
			4/68	0-256			
			4/70	0-236			
			2/76	0-260			

TABLE 3. (Contd)

		Log Type/Internal Logged (ft)					
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
E33-17	**6/65**	0-220	5/59	0-220	6/76	0-240	
	2/77	0-240	5/63	0-248			
			4/68	0-244			
			4/70	0-244			
			5/76	0-250			
E33-18	7/65	0-240	5/59	0-220	6/76	0-260	
	2/77	0-260	5/63	0-276			
			4/68	0-264			
			4/70	0-264			
			5/76	0-260			
E33-19	2/77	0-240	5/59	0-240	6/76	0-240	
			5/63	0-252			
			4/68	0-240			
				4/70	0-236		
			2/76	0-260			
			5/76	0-240			
E33-20	2/77	0-250	15/59	0-240	6/76, 11/76	0-240	(0-250)
			5/63	0-232			
			4/68	0-252			
			4/70	0-248			
			2/76	0-250			
E33-21	2/77	0-280	5/59	0-270	6/76, 11/76	0-280	(0-280)
			5/63	0-232			
			4/68	0-288			
			4/70	0-284			
			5/76	0-280			
E33-22	9/65	0-220	9/65	0-220	6/76	0-230	
	2/77	0-230	4/68	0-232			
			4/70	0-232			
			5/76	0-240			

TABLE 3. (Contd)

		Log Type/Internal Logged (ft)					
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
E33-23	9/65	0-220	9/65	0-228			
	2/77	0-220	4/68	0-228			
			4/70	0-228			
			5/76	0-230			
E33-24	2/77	0-250	4/68	0-256	6/76, 11/76	0-250	(0-260)
			4/70	0-246			
			5/76	0-250			
E33-25	2/77	0-240	4/70	0-240	6/76	0-240	
			2/76	0-240			
E33-26	0-240	4/70	0-240	6/76	0-240		
			5/76	0-240			
E33-27	8/70	0-250	8/70	0-232			
E33-51			5/63	0-148			
E33-52			5/63	0-152			
E33-53			5/63	0-108			
E33-54			5/63	0-116			
E33-55			5/63	0-160			
E33-56			5/65	0-84			
E33-57			5/63	0-140			
E33-58	2/77	0-140	5/63	0-148	6/76, 11/76	0-150	(0-80)
			5/76	0-150			
E33-59	2/77	0-150	5/63	0-148	6/76, 11/76	0-150	(0-50)
			5/76	0-150			
E33-60	2/77	0-140	5/63	0-148	6/76, 11/76	0-140	(0-100)
			5/76	0-160			
E33-61			5/63	0-152			
E33-62			5/63	0-144			
E33-63			5/63	0-148			
E33-64			5/63	0-144			
E33-65			5/63	0-144			
E33-66			5/63	0-144			
			5/76	0-140			

TABLE 3. (Contd)

	Log Type/Internal Logged (ft)						
Well Number	Date	Neutron Epith-Neutron	Date	Natural tiamma	Date	Gamma Gamma	(W/O Source)
E33-67			5/63	0-152			
			5/76	0-150			
E33-68			5/63	0-144			
			5/76	0-150			
E33-69	2/77	0-140	5/63	0-148	6/76, 11/76	0-140	(0-120)
			5/76	0-150			
E33-70			5/63	0-148			
			5/76	0-150			
E33-71	2/77	0-140	5/63	0-144	6/76, 11/76	0-140	(0-120)
			5/76	0-140			
E33-72	2/77	0-140	5/63	0-148	6/76	0-140	
			5/76	0-150			
E33-73	2/77	0-140	5/63	0-148	6/76, 11/76	0-140	(0-60)
			5/76	0-150			
E33-74	2/77	0-140	5/63	0-144	6/76	0-140	
			5/76	0-150			
E33-75	2/77	0-140	5/63	0-144	6/76, 11/76	0-140	(0-50)
			5/76	0-140			
E33-76	2/77	0-140	5/63	0-144	6/76, 11/76	0-140	(0-60)
			5/76	0-140			
E33-77			5/63	0-92			
E33-78			5/63	0-152			
E33-84			5/63	0-148			
E33-85			5/63	0-144			
E33-86			5/63	0-148			
E33-87			5/63	0-148			
E33-88			5/63	0-148			
E33-89			5/63	0-144			
			5/76	0-150			

TABLE 3. (Contd)

Well Number	Date	Log Type/Internal Logged (ft) Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
E33-90	9/65	0-140	9/65	0-144	6/76	0-140	
			4/68	0-144			
E33-91			8/65	0-148			
E33-132	8/70	0-150	8/70	0-152			
E33-133	5/70	0-150	8/70	0-1450			
E33-134	8/70	0-150	8/70	0-140			
E33-135	8/70	0-100	8/70	0-100			
E33-136	8/70	0-20	8/70	0-10			
E33-137	8/70	0-20	8/70	0-10			
E33-141	8/70	0-100	8/70	0-100			
E33-142	8/70	0-100	8/70	0-100			
E33-143	8/70	0-100	8/70	0-100			
E33-145	8/70	0-100	8/70	0-100			
E33-146	8/70	0-150	8/70	0-148			
E34-1	6/65	0-220	5/63	0-248	11/76	0-250	

***Logged by WSU**
Additional Logs by WSU

	Date	Caliper	Neutron Gamma
E19-1	5/75	0-360	0-360
E24-4	5/75	0-323	0-323

TABLE 4. **Geophysical Logs** Available for **Wells** in **the 200 West** Area

		200 West Area Log Type/Internal Logged (ft)						
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date		Gamma Gamma	(W/O Source)
W6-1	1/64	0-240	4/58	0-240				
	2/64	0-250	6/59	0-240				
	2/64	0-250	4/63	0-320				
W10-1	6/65	0-210	6/59	0-200	6/76,	1/76	0-300	(0-160)
	3/77	0-300	5/63	0-308				
			4/68	0-304				
			4/70	0-308				
			2/76	0-300				
W10-2	2/77	0-220	2/76	0-220	6/76,	11/76	0-200	(0-120)
W10-3	6/65	0-210	6/59	0-200	6/76,	11/76	0-220	(0-100)
	3/77	0-230	5/63	0-216				
			4/70	0-232				
			2/76	0-230				
W10-4	6/65	0-210	4/58	0-200	6/76		0-230	
	3/77	0-240	6/59	0-210				
			4/63	0-240				
			4/68	0-240				
			5/76	0-240				
W10-5	6/65	0-210	4/58	0-200				
			7/59	0-200				
			5/63	0-240				
W10-51			4/63	0-140				
W10-52			4/63	0-148				
W10-53			4/63	0-144				
W10-54			4/63	0-48	6/76		0-140	
W10-56			5/63	0-148				
			5/76	0-150				
W10-57	3/77	0-140	5/63	0-148	6/76		0-140	
			5/76	0-150				
W10-58	3/77	0-140	5/63	0-140	6/76,	11/76	0-140	(0-140)
			5/76	0-140				
W10-59	3/77	0-140	5/63	0-140				
			12/76	0-140				
W10-60			5/63	0-140				
			12/76	0-140				

TABLE 4. (Contd)

	200 West Area Log Type/Internal Logged (ft)						
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
W10-6			3/63	0-112			
			12/76	0-120			
W10-62	3/77	0-140	5/63	0-140	6/76, 11/76	0-140	(0-140)
			12/76	0-130			
W10-63	3/77	0-130	4/63	0-140			
			12/76	0-140			
W10-64	3/77	0-60	5/63	0-68			
			5/76	0-70			
W10-65	3/77	0-140	5/63	0-76			
	3/77	0-80	5/76	0-80			
W10-66	3/77	0-100	4/63	0-104			
			12/76	0-100			
W10-67			5/63	0-144	6/76, 11/76	0-140	(0-140)
			12/76	0-140			
W10-68	5/63	0-136					
			12/76	0-140			
W10-69	3/77	0-140	5/63	0-144	6/76	0-140	
			5/76	0-140			
W10-70	3/77	0-140	5/63	0-140	6/76	0-140	
			5/76	0-140			
W10-71	3/77	0-140	5/63	0-140	6/76	0-140	
			5/76	0-140			
W10-72	3/77	0-130	5/63	0-140			
			5/76	0-140			
W10-73			5/63	0-64			
			5/76	0-70			
W10-74	3/77	0-40	4/63	0-48			
			5/76	0-40			
W10-75	3/77	0-60	5/63	0-68	6/76	0-60	
			5/76	0-20			
W10-76			5/63	0-72			
W10-77			5/63	0-24			
			5/76	0-20			
W10-78			5/63	0-24			
W10-79			5/63	0-24			
W10-80			5/63	0-104			
			5/76	0-110			

TABLE 4. (Contd)

	200 West Area Log Type/Internal Logged (ft)						
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
W10-81	12/76	0-20	5/63	0-24			
			5/76	0-30			
			5/63	0-148			
W10-82			5/63	0-148			
W10-83			6/59	0-240			
			5/63	0-148			
W11-1	6/65	0-240	2/58	0-220	6/76, 11/76	0-270	(0-270)
	12/76	0-280	2/68	0-272			
			5/76	0-280			
W11-2			2/58	0-250			
			6/59	0-250			
W11-3	6/65	0-260	3/58	0-240			
			6/59	0-250			
			4/63	0-320			
W11-4	6/65	0-250	2/58	0-250			
			6/59	0-240			
			4/63	0-320			
			2/70	0-240			
W11-5	6/65	0-260	2/58	0-280			
			4/59	0-270			
			4/63	0-312			
W11-6	6/65	0-260	2/58	0-250			
			6/59	0-250			
			4/63	0-304			
W11-7	6/65	0-250	2/58	0-250	6/76, 11/76	0-300	(0-170)
	12/76	0-310	6/59	0-240			
			4/63	0-320			
			4/68	0-320			
			2/70	0-312			
			2/76	0-310			
W11-8	6/65	0-260	2/58	0-260			
			6/59	0-270			
			4/63	0-316			
W11-9	6/65	0-270	3/58	0-250			
			6/59	0-240			
			4/63	0-284			

TABLE 4. (Contd)

Well Number	Date	200 West Area Log Type/Internal Logged (ft) Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
W11-10	6/65	0-270	3/58	250			
			6/59	260			
			4/63	0-308			
W11-11	6/65	0-210	3/58	0-195	6/76, 11/76	0-310	(0-100)
	2/77	0-240	6/59	0-260			
			4/63	0-244			
			2/70	0-244			
			2/76	0-250			
W11-12	6/65	0-210	3/58	0-210			
			6/59	0-210			
			4/63	0-248			
			4/68	0-248			
W11-13			4/63	0-476			
W11-14	6/64	0-260	4/63	0-312			
	12/76	0-310	2/68	0-312			
			5/76	0-310			
W11-15	12/76	0-260	2/68	0-260	6/76	0-360	
			2/70	0-260			
			5/76	0-260			
W11-16	12/76	0-360	2/68	0-364			
			2/70	0-360			
			5/76	0-360			
W11-17	12/76	0-250	2/67	0-300	6/76	0-300	
			2/68	0-300			
			2.70	0-252			
			5/76	0-260			
W11-18	3/67	0-240	3/67	0-300	11/76		(0-120)
	12/76	0-300	2/68	0-300			
			2/70	0-300			
			2/76	0-300			
W11-19	12/76	0-380	2/70	0-380	6/76	0-380	
	12/76	0-380	5/76	0-390			
W11-20	12/76	0-260	2/70	0-260	6/76	0-260	
			5/76	0-260			
W11-21	12/76	0-260	2/70	0-264	6/76	0-260	
			5/76	0-270			

TABLE 4. (Contd)

		200 West Area Log Type/Internal Logged (ft)					
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
Wll-26	8/76	0-403*	8/76	0-402*	8/76	0-408*	
	12/76	0-400	11/76	0-400			
Wll-51			4/63	0-148			
Wll-53	3/77	0-140	2/58	0-130			
			4/63	0-148			
			5/76	0-160			
W11-55	3/77	0-150	2/58	0-140	6/76, 11/76	0-140	(0-160)
			4/63	0-148			
			5/76	0-160			
W11-56	3/77	0-140	2/58	0-80	6/76, 11/76	0-140	(0-140)
			4/63	0-136			
			5/76	0-140			
W11-57			2/58	0-80			
			4/63	0-92			
			5/76	0-150			
W11-58	3/77	0-170	2/58	0-70	6/76	0-150	
			4/63	0-72	11/76		(0-70)
			5/76	0-80			
W11-59			2/58	0-70			
			4/63	0-88			
			5/76	0-90			
W11-60	3/77	0-150	2/58	0-140	6/76	0-150	
			4/63	0-152			
			5/76	0-150			
W11-61			2/58	0-70			
			4/63	0-80			
			5/76	0-80			
W11-62			2/58	0-60			
			4/63	0-96			
			5/76	0-100			
W11-63	3/77	0-150	2/58	0-140	6/76	0-150	
			4/63	0-156			
			5/76	0-160			
W11-64			2/58	0-60			
			4/63	0-72			
			5/76	0-80			

TABLE 4. (Contd)

Well Number	Date	200 West Area Log Type/Internal Logged (ft) Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
W11-65			2/58	0-140			
			4/63	0-156			
			5/76	0-160			
W11-66	3/77	0-70	2/58	0-70	6/76	0-70	
			4/63	0-76			
			5/76	0-80			
W11-67			2/58	0-70			
			4/63	0-76			
			5/76	0-80			
W11-68	3/77	0-100	5/58	0-90	6/76	0-110	
			4/63	0-104			
			5/76	0-110			
W11-69	3/77	0-100	5/58	0-100	6/76	0-100	
			4/63	0-104			
			5/76	0-110			
W11-70	2/77	0-100	7/59	0-90	6/76, 11/76	0-100	(0-100)
			8/60	0-100			
			4/63	0-100			
			9/65	0-104			
			5/76	0-110			
W12-1	6/65	0-280	5/58	0-260			
	1/71	0-270	6/59	0-260			
			4/63	0-308			
W14-1	6/65	0-200	4/58	0-170	6/76, 11/76	0-220	(0-220)
	2/77	0-220	6/59	0-200			
			8/60	0-200			
			4/63	0-236			
			2/68	0-224			
			5/76	0-220			
W14-2	6/65	0-200	4/58	0-200	11/76		(0-220)
	2/77	0-220	6/59	0-200			
			8/60	0-200			
			4/63	0-220			
			9/65	0-200			
			2/68	0-220			
			4/70	0-220			
			2/76	0-220			

TABLE 4. (Contd)

	200 West Area Log Type/Internal Logged (ft)						
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
W14-3	2/77	0-230	4/63	0-264	6/76, 11/76	0-230	(0-240)
			5/76	0-240			
W14-4	2/67	0-200	2/67	0-204	11/76		(0-220)
	2/77	0-200	5/76	0-210			
W14-51	6/68	0-20	8/63	0-24			
			6/68	0-24			
			5/76	0-30			
W14-52	6/68	0-30	8/63	0-24			
			6/68	0-24			
			5/76	0-20			
W14-53	2/77	0-100	7/59	0-100	11/76		(0-100)
			8/60	0-100			
			4/63	0-104			
			9/65	0-104			
			4/70	0-104			
			5/76	0-110			
W15-1	6/65	0-200	12/59	0-210			
			5/63	0-296			
W15-2	6/65	0-220	4/58	0-210			
	2/77	0-260	7/59	0-230			
			5/63	0-260			
			11/75	0-260			
W15-3			8/59	0-200			
			8/59	0-200			
			5/63	0-244			
			4/70	0-244			
W15-4	6/65	0-180	4/58	0-180	6/76, 11/76	0-200	(0-220)
	6/65	0-190	7/59	0-220			
	2/77	0-210	5/63	0-262			
			2/68	0-212			
			6/68	0-212			
			2/70	0-210			
			2/76	0-210			
W15-5	2/64	0-210	4/58	0-220			
			7/59	0-210			
			5/63	0-524			

TABLE 4. (Contd)

	200 West Area Log Type/Internal Logged (ft)						
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
W15-6	6/65	0-190	7/59	0-220	6/76	0-360	
	1/70	0-180	5/63	0-320			
	4/73	0-190	2/68	0-348	6/76, 11/76	0-320	(0-320)
	2/77	0-320	5/76	0-380			
W15-7	4/73	0-190	4/66	0-348	6/76, 11/76	0-320	(0-320)
	2/77	0-320	2/68	0-328			
			2/70	0-328			
			5/76	0-330			
W15-8	10/68	0-180	10/68	0-204			
	1/70	0-190	2/70	0-204			
	4/73	0-190	4/73	0-204			
W15-9	2/67	0-180	2/67	0-196	6/76	0-190	
	1/70	0-180	2/70	0-200			
	4/73	0-180	4/73	0-192			
	2/77	0-180	4/76	0-200			
W15-10	3/68	0-200	2/68	0-296	6/76	0-300	
	4/73	0-200	2/70	0-296			
	2/77	0-300	5/76	0-300			
W15-11	3/68	0-200	3/68	0-300	6/76	0-300	
	4/63	0-200	2/70	0-300			
	2/77	0-300	5/76	0-300			
W15-62	2/77	0-140	5/76	0-140	6/76, 11/76	0-140	(0-140)
W15-63	2/77	0-150	5/76	0-160	6/76, 11/76	0-150	(0-160)
W15-64	2/77	0-150	5/76	0-150	6/76	0-140	
W15-65	6/68	0-20	8/63	0-24			
	2/77	0-20	6/68	0-24	6/76	0-20	
			5/76	0-30			
W15-66	6/68	0-20	8/63	0-24	6/76	0-20	
	2/77	0-20	6/68	0-24			
			5/76	0-20			
W15-67			5/63	0-156			
W15-68			5/63	0-148			
W15-69			5/63	0-148			
W15-72			5/63	0-148			
W15-73			5/63	0-148			

TABLE 4. **(Contd)**

	200 West Area Log Type/Internal Logged (ft)						
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
W15-74			5/63	0-148			
W15-75			5/63	0-148			
W15-76	2/77	0-100	5/76	0-110	6/76, 11/76	0-100	(0-100)
W15-77	2/77	0-80	5/76	0-80	2/76	0-70	
W15-78	2/77	0-80	5/76	0-80	6/76, 11/76	0-70	(0-80)
			5/76	0-20			
W15-79			8/59	0-140			
			8/59	0-100			
			5/63	0-148			
			5/76	0-30			
W15-80			5/63	0-116			
			12/76	0-120			
W15-81			5/63	0-112			
			12/76	0-110			
W15-82	1/70	0-100	5/63	0-100	6/76	0-100	
	2/77	0-100	5/76	0-100			
W15-83			5/63	0-108			
W15-84	1/70	0-100	4/63	0-108	6/76	0-100	
	4/73	0-100	4/73	0-108			
	2/77	0-100	5/76	0-110			
W15-85	/70	0-100	5/63	0-108	6/76	0-100	
	4/73	0-100	43/73	0-108			
	2/77	0-100	5/76	0-110			
W15-86	1/70	0-140	5/63	0-144			
	4/73	0-140	4/73	0-144			
W15-92	4/73	0-100	4/63	0-100			
W15-94			5/63	0-100			
W15-95	1/70	0-100	5/63	0-100	6/76	0-100	
	4/73	0-100	4/73	0-100			
	2/77	0-100	5/76	0-100			
W15-96			5/63	0-68			
W15-101	2/67	0-50	2/67	0-52			
	1/70	0-50	4/73	0-52			
	4/73	0-50					
W15-102	1/70	0-140	4/73	0-148			
	4/73	0-150					

TABLE 4. (Contd)

	200 West Area Log Type/Internal Logged (ft)						
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
W18-1	6/65	0-200	7/59	0-200			
	4/73	0-200	5/63	0-224			
			2/68	0-408			
			4/73	0-408			
W18-2	6/65	0-210	7/59	0-200	6/76	0-240	
	4/73	0-210	5/63	0-208			
	2/77	0-240	2/68	0-248			
			5/73	0-248			
			5/76	0-250			
W18-3	6/65	0-200	7/59	0-210			
	4/73	0-200	5/63	0-208			
			5/73	0-244			
W18-4	6/65	0-200	7/59	0-200			
	4/73	0-210	5/63	0-208			
	2/77	0-250	5/73	0-248			
W18-5	6/65	0-200	7/59	0-200			
	2/67	0-200	5/63	0-276			
	2/67	0-200	2/67	0-276			
	5/69	0-200	2/67	0-204			
	4/73	0-210	2/68	0-272			
			2/70	0-272			
			5/73	0-272			
W18-6	2/77	0-180	2/70	0-204	6/76	0-210	
			5/76	0-200			
W18-7	6/65	0-200	3/64	0-276			
	10/65	0-190	10/65	0-220			
	1/70	0-200	2/68	0-248			
	4/73	0-200	2/70	0-216			
	2/77	0-220	2/70	0-212			
			5/76	0-220			
W18-8	2/67	0-200	2/67	0-212	6/76	0-210	
	5/73	0-80	2/70	0-76			
	2/77	0-80	5/73	0-76			
			5/76	0-80			
W18-9	12/68	0-200	12/68	0-212			
	1/72	0-200	3/70	0-204			
	4/73	0-180	4/73	0-216			
	2/77	0-220	5/76	0-220			

TABLE 4. (Contd)

	200 West Area Log Type/Internal Logged (ft)						
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
W18-10	12/68	0-200	12/68	0-216	6/76, 11/76	0-200	(0-200)
	1/72	0-180	3/70	0-200			
	4/73	0-180	5/73	0-220			
	2/77	0-210	5/76	0-220			
W18-11	1/72	0-170	3/70	0-200	6/76	0-200	
	4/73	0-180	4/73	0-200			
	2/77	0-200	5/76	0-200			
W18-12	1/72	0-180	3/70	0-208	6/76	0-200	
	4/73	0-200	4/73	0-212			
	2/77	0-220	5/76	0-220			
W18-51			5/63	0-128			
W18-52			5/63	0-132			
W18-53			5/63	0-148			
W18-54			5/63	0-148			
W18-55			5/63	0-76			
W18-56	5/73	0-150	8/63	0-148			
			10/65	0-148			
			5/73	0-148			
W18-57	5/73	0-140	8/63	0-152			
			10/65	0-152			
			12/66	0-152			
			1/66	0-100			
W18-58	10/65	0-150	8/63	0-152			
			10/65	0-152			
			1/66	0-152			
			9/67	9/100			
W18-59	10/65	0-150	8/63	0-148			
	5/73	0-150	10/65	0-148			
			9/67	0-90			
			5/73	0-148			
W18-64			8/63	0-148			
			10/65	0-148			
			9/67	0-64			
W18-66	10/65	0-150					
W18-69	2/67	0-50	2/67	0-48			
			2/68	0-48			

TABLE 4. (Contd)

	200 West Area Log Type/Internal Logged (ft)						
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
W18-71	5/73	0-50	2/70	0-48			
			5/73	0-48			
W18-73	5/73	0-20	5/73	0-16			
W18-74	5/73	0-20	5/73	0-20			
W18-76	5/73	0-20	5/73	0-16			
W18-78	5/73	0-20	5/78	0-16			
W18-81	5/73	0-40	5/73	0-40			
W18-82	1/70	0-140	1/70	0-152			
	1/72	0-150	5/73	0-148			
	4/73	0-150					
W18-83	1/70	0-140	2/70	0-152			
	1/72	0-150	5/73	0-152			
	4/73	0-150					
W18-84	1/70	0-140	2/70	0-152			
	4/73	0-150	5/73	0-152			
W18-85	1/70	0-150	2/70	0-152	6/76	0-150	
	1/72	0-150	4/73	0-152			
	4/73	0-150	5/76	0-160			
	2/77	0-150					
W18-86	1/70	0-150	2/70	0-152	6/76	0-150	
	1/72	0-140	4/73	0-148			
	4/73	0-150	5/76	0-150			
	2/77	0-150					
W18-87	1/70	0-150	2/70	0-152	6/76	0-150	
	1/72	0-140	4/73	0-152			
	4/73	0-150	5/76	0-60			
	2/77	0-150					
W18-88	1/70	0-140	4/73	0-148	6/76	0-150	
	4/73	0-150	5/76	0-150			
	2/77	0-150					
W18-89	1/70	0-130	2/70	0-148	6/76	0-150	
	4/73	0-140	4/73	0-148			
	2/77	0-140	5/76	0-140			
W18-93	2/77	0-140	5/76	0-150	6/76	0-140	
W18-94	4/73	0-80	5/73	0-84	6/76	0-80	
	2/77	0-80	5/76	0-90			

TABLE 4. (Contd)

		200 West Area Log Type/Internal Logged (ft)					
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
W18-95	4/73	0-80	5/73	0-80	6/69	0-80	
	2/77	0-80	5/76	0-80			
W18-96	4/73	0-80	4/73	0-80	6/76	0-80	
	2/77	0-80	5/76	0-80			
W18-97	4/73	0-80	5/73	0-88	6/76	0-80	
	2/77	0-80	5/76	0-90			
W18-98	4/73	0-80	5/73	0-98	6/767	0-80	
	2/77	0-80	5/76	0-80			
W18-99	4/73	0-130	5/73	0-136	6/76	0-130	
	2/77	0-120	5/76	0-140			
W19-1			2/58	0-190			
			7/59	0-200			
			5/63	0-280			
W19-2	2/77	0-240	3/58	0-220	6/76	0-240	
			7/59	0-220			
			5/63	0-256			
			7/65	0-244			
			2/68	0-252			
			3/70	0-244			
			5/76	0-240			
W19-3	4/65	0-220	2/58	0-210	6/76, 11/76	0-240	(0-250)
	6/68	0-220	2/59	0-240			
	2/77	0-240	5/63	0-252			
			7/65	0-240			
			2/68	0-252			
			2/70	0-208			
			2/70	0-252			
			5/76	0-240			
W19-4	1/64	0-260	5/63	0-516			
	2/64	0-260 (7 times)					
W19-5	1/69	0-210	1/69	0-236	6/76	0-230	
	2/77	0-240	3/70	0-232			
			5/76	0-240			
W19-6	1/69	0-210	1/69	0-424	6/76	0-420	
	2/77	0-420	3/70	0-432			
			5/76	0-430			

TABLE 4. (Contd)

		200 West Area Log Type/Internal Logged (ft)					
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
W19-7	1/69	0-210	1/69	0-224	6/76	0-220	
	2/77	0-220	3/70	0-220			
			5/76	0-230			
W19-8	9/71	0-240	9/71	0-304			
W19-10	8/76	0-465*	8/76	0-469*	8/76	0-470*	
	2/77	0-460	6/76	0-530			
W19-53			5/63	0-148			
W19-54			5/63	0-148			
W19-70			12/76	0-80			
W19-71			12/76	0-80			
W21-1			5/63	0-308			
			2/76	0-250			
W22-1	4/64	0-200	1/58	0-170	6/76, 11/76	0-290	(0-300)
	4/65	0-190	3/58	0-210			
	3/66	0-190	5/63	0-300			
	2/77	0-290	3/66	0-220			
			2/68	0-280			
			3/68	0-248			
			2/76	0-290			
			7/79	0-280			
W22-2	4/65	0-190	1/58	0-180	6/76, 11/76	0-290	(0-300)
	3/66	0-190	2/58	0-190			
	2/77	0-290	2/58	0-185			
			8/59	0-210			
			5/63	0-296			
			3/66	0-228			
			3/66	0-244			
			2/68	0-292			
			4/70	0-288			
			5/76	0-300			
			7/79	0-290			
W22-4	4/65	0-200	2/58	0-200			
			8/59	0-200			
			5/63	0-208			
W22-5	4/65	0-200	2/58	0-200	6/76	0-210	
	3/66	0-200	8/59	0-200			
	2/77	0-220	5/63	0-240			

TABLE 4. (Contd)

	200 West Area Log Type/Interval Logged (ft)						
Well Number	Date	Neutron Epithermal Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
W22-5			3/66	0-228			
(contd)			2/68	0-216			
			5/76	0-210			
			7/79	0-210			
W22-6	4/65	0-190	2/58	0-190	6/76	0-200	
	2/77	0-200	8/59	0-180			
			5/63	0-204			
			2/68	0-208			
			5/76	0-200			
W22-7	4/65	0-220	3/58	0-212			
			5/63	0-232			
W22-8	4/65	0-220	3/58	0-260			
			5/63	0-240			
W22-9	4/65	0-210	2/58	0-210			
			8/59	0-210			
			5/63	0-248			
W22-10	1/65	0-290	2/58	0-190			
	4/65	0-200	8/59	0-190			
	2/77	0-300	5/63	0-296			
			3/66	0-220			
			2/68	0-292			
			5/76	0-290			
			7/79	0-290			
W22-11			2/58	0-160			
			2/58	0-190			
			2/58	0-200			
			8/59	0-200			
			5/63	0-300			
W22-12	4/64	0-210	2/58	0-200			
	4/65	0-210	1/59	0-200			
			8/59	0-200			
			5/63	0-300			
			2/68	0-300			
			4/70	0-300			
			2/76	0-310			

TABLE 4. (Contd)

	ERC West Area Log Type/Internal Logged (ft)						
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma	(W/O Source)
W22-13	4/65	0-200	2/58	0-200	6/76, 11/76	0-210	(0-210)
	2/77	0-210	1/59	0-200			
			8/59	0-200			
			5/63	0-288			
			2/68	0-236			
			5/76	0-220			
W22-14			2/58	0-200			
			2/58	0-210			
			2/58	0-190			
			1/59	0-200			
			8/59	0-200			
			5/63	0-328			
			5/76	0-280			
W22-15	4/65	0-200	2/58	0-190	6/76, 11/76	0-200	(0-200)
	3/66	0-190	2/58	0-190			
	2/77	0-200	2/58	0-190			
			8/59	0-190			
			5/63	0-228			
			3/66	0-204			
			4/66	0-224			
			2/68	0-208			
			4/70	0-208			
			5/76	0-200			
			7/79	0-200			
W22-16	4/65	0-200	2/58	0-190	6/76	0-240	
	2/77	0-240	2/58	0-190			
			2/58	0-190			
			8/59	0-190			
			5/63	0-248			
			3/66	0-228			
			2/68	0-244			
			4/70	0-240			
			5/76	0-250			
W22-17	4/65	0-200	2/58	0-210	6/76	0-200	
	2/77	0-210	8/59	0-200			
			5/63	0-256			
			3/66	0-208			

TABLE 4. (Contd)

	200 West Area Log Type/Internal Logged (ft)						
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
W22-17			2/68	0-216			
(contd)			5/76	0-210			
			7/79	0-210			
W22-18	4/65	0-200	2/58	0-190	6/76, 11/76	0-220	(0-220)
	3/66	0-200	2/58	0-190			
	2/77	0-220	2/58	0-180			
			8/59	0-190			
			5/63	0-224			
			3/66	0-224			
			2/68	0-224			
			5/76	0-220			
			7/79	0-220			
W22-19	4/65	0-220	2/58	0-206	6/76, 11/76	0-320	(0-320)
	2/77	0-340	8/59	0-220			
			7/63	0-328			
			2/68	0-300			
			2/76	0-320			
W22-20	4/65	0-210	2/58	0-205	6/76	0-240	
	2/77	0-230	8/59	0-220			
			5/63	0-244			
			2/68	0-240			
			5/76	0-240			
W22-21	4/65	0-200	2/58	0-190	6/76, 11/76	0-220	(0-220)
	2/77	0-220	8/59	0-200			
			5/63	0-224			
			2/68	0-220			
			2/76	0-220			
W22-22	4/65	0-220	5/63	0-300	6/76	0-300	
	2/77	0-300	7/65	0-300			
			2/68	0-300			
			3/70	0-300			
			2/76	0-300			
			12/76	0-300			
W22-23	4/65	0-220	5/63	0-236	6/76	0-230	
	2/77	0-230	7/65	0-232			
			2/68	0-232			
			5/76	0-230			

TABLE 4. (Contd)

	200 West Area Log Type/Internal Logged (ft)						
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
W22-25	4/64	0-210	3/64	0-315	6/76	0-310	
	8/65	0-180	10/64	0-312	11/76		0-300
	8/65	0-210	7/65	0-316			
	10/65	0-210	7/65	0-80			
	2/77	0-320	7/65	0-68			
			8/65	0-260			
			8/65	0-216			
			8-65	0-216			
			8/65	0-216			
			9/65	0-212			
			9/65	0-212			
			10/65	0-212			
			10/65	0-220			
			11/65	0-212			
			12/65	0-208			
			1/66	0-220			
			1/66	0-260			
			2/66	0-212			
			3/66	0-208			
			2/68	0-308			
			3/70	0-308			
			2/76	0-320			
W22-26	4/64	0-210	3/64	0-288	6/76, 11/76	0-280	(0-280)
	8/65	0-210	10/64	0-292			
	8/65	9-200	7/65	0-288			
	10/65	0-200	7/65	0-72			
	2/77	0-280	7/65	0-64			
			8/65	0-240			
			8/65	0-228			
			8/65	0-212			
			8/65	0-224			
			9/65	0-212			
			9/65	0-220			
			10/65	0-212			
			10/65	0-220			
			11/65	0-216			
			12/65	0-208			

TABLE 4. (Contd)

	200 West Area Log Type/Internal Logged (ft)						
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
W22-26			12/65	0-212			
(contd)			1/66	0-220			
			1/66	0-240			
			2/66	0-212			
			3/66	0-212			
			3/70	0-280			
			5/76	0-290			
W22-27			4/64	0-540			
W22-28	4/65	0-220	3/64	0-244			
			1/66	0-232			
			2/68	0-232			
W22-29	2/67	0-100	2/67	0-104	6/76, 11/76	0-170	(0-170)
	2/77	0-160	2/68	0-192			
			5/76	0-180			
			7/79	0-170			
W22-30	5/66	0-190	5/66	0-204	6/76, 11/76	0-200	(0-200)
	2/77	0-200	2/67	0-204			
			2/68	0-208			
			5/76	0-210			
			7/79	0-200			
W22-31	2/67	0-190	2/67	0-208	6/76, 11/76	0-200	(0-200)
	2/77	0-200	2/68	0-208			
			5/76	0-210			
			7/79	0-200			
W22-32	5/66	0-200	5/66	0-208	6/76, 11/76	0-190	(0-210)
	2/77	0-210	2/67	0-212			
			2/68	0-212			
			5/76	0-210			
			2/79	0-200			
			5/79	0-210			
W22-33	7/66	0-190	7/66	0-212	6/76, 11/76	0-210	(0-210)
	2/77	0-210	2/67	0-208			
			2/68	0-216			
			5/76	0-210			
			2/79	0-210			
			7/79	0-210			

TABLE 4. **(Contd)**

		200 West Area Log Type/Internal Logged (ft)					
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
W22-34	2/67	0-110	2/67	0-212	6/76, 11/76	0-210	(0-220)
	2/77	0-210	2/68	0-212			
			5/76	0-210			
W22-35	2/67	0-200	2/67	0-212	6/76, 11/76	0-210	(0-220)
	2/77	0-210	3/70	0-212			
			5/76	0-220			
W22-36	2/67	0-190	1/67	0-204	6/76, 11/76	0-200	(0-200)
	2/77	0-200	2/68	0-204			
			5/76	0-200			
			7/79	0-200			
W22-37	1/69	0-210	1/69	0-272	6/76	0-260	
	2/77	0-270	3/70	0-272			
			5/76	0-280			
W22-38	1/69	0-210	1/68	0-228	6/76	0-220	
	2/77	0-220	3/70	0-224			
			5/76	0-230			
W22-60			7/65	0-28			
			2/68	0-28			
W22-67	2/67	0-110	2/67	0-112	6/76, 11/76	0-110	(0-110)
	2/77	0-100	2/68	0-112			
			5/76	0-110			
			7/79	0-110			
W23-1			8/59	0-190			
			5/63	0-216			
			1/64	0-184			
			4/70	0-176			
W23-2			6/58	0-180			
			8/59	0-190			
			4/64	0-188			
			4/64	0-196			
			4/70	0-232			
W23-3			6/58	0-200			
			6/58	0-200			
			8/59	0-180			
			4/64	0-200			
			9/65	0-228			
			4/70	0-224			

TABLE 4. (Contd)

	200 West Area Log Type/Internal Logged (ft)						
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
W23-4	4/65	0-180	2/58	0-180	6/76, 11/76	0-260	(0-260)
	2/77	0-260	8/59	0-190			
			5/63	0-280			
			2/68	0-256			
			4/70	0-256			
			2/70	0-240			
W23-5			4/70	0-200			
W23-6			3/70	0-204			
W23-7			3/70	0-200			
W23-8	2/77	0-240	5/76	0-240	6/76	0-240	
W23-9	2/77	0-230	2/76	0-230	6/76	0-230	
W23-10	2/77	0-230	5/76	0-240	6/76	0-230	
W23-11	2/77	0-230	5/76	0-240	6/76	0-220	
W23-51			5/63	0-148			
W23-52			5/63	0-148			
W23-53			5/63	0-152			
W23-54			5/63	0-148			
W23-55			5/63	0-148			
W23-56			5/63	0-142			
W23-57			5/63	0-152			
W23-58			6/58	0-100			
			11/64	0-100			
W23-59			6/58	0-100			
			11/64	0-100			
W23-60			6/58	0-120			
			6/58	0-100			
			11/64	0-100			
W23-61			6/58	0-90			
			11/64	0-100			
W23-62			6/58	0-90			
			4/64	0-100			
			11/64	0-100			
W23-64			6/58	0-120			
			11/64	0-128			
W23-65			6/58	0-120			
			11/54	0-128			

TABLE 4. (Contd)

	200 West Area Log Type/Internal Logged (ft)						
Well Number	Date	Neutron Epith-Neutron	Date	Natural Gamma	Date	Gamma Gamma	(W/O Source)
W23-66			6/58	0-120			
			11/64	0-128			
W23-67			6/58	0-120			
			11/64	0-128			
W23-68			6/58	0-120			
			11/64	0-128			
W23-69			6/58	0-120			
			6/58	0-120			
			11/64	0-128			
W23-70			6/58	0-120			
			11/64	0-128			
			10/65	0-128			
			7/68	0-124			
W23-72			1/64	0-104			
			11/64	0-100			
W26-1			5/76	0-60	6/76	0-50	
W26-2	2/77	0-90	5/76	0-100	6/76	0-90	
W26-3	7/65	0-170	4/70	0-180	5/76	0-180	
	2/77	0-190	5/76	0-190			
W26-4	2/77	0-70	5/76	0-80	6/76	0-70	
W26-5	2/77	0-100	5/76	0-110	6/76	0-100	

TABLE 5. Geophysical Logs Available for Wells in the 300 Area

Well Name	Date	Logging Company	Gamma Gamma	Neutron Epithermal Neutron	Natural Gamma
1-1	6/63	Battelle			0-76
1-2	6/63	Battelle			0-100
1-3	6/63	Battelle			0-100
1-4	6/63	Battelle			0-100
3-1	6/63	Battelle			0-100
3-3	5/77	Battelle			0-85
4-1	6/63	Battelle			0-96
4-1	6/63	Battelle			0-140
	5/77	Battelle			0-130
5-1	6/63	Battelle			0-100
5-2	6/63	Battelle			0-408
	4/47	WSU	0-298	0-298	0-298
	4/74	WSU	0-410	0-410	0-410
6-1	6/63	Battelle			0-64
8-1	6/63	Battelle			0-100
	6/76	Battelle	0-100		
8-2	6/63	Battelle			0-116
8-3	6/63	Battelle			0-68

TABLE 6a. Geophysical Logs Available for Wells in the 600 Area

Well Name	Date(s)	Logging Company	Log Type/Interval Logged (ft)						
			Gamma Gamma	Neutron Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	SP&R
S31-P	2/80, 4/80	Battelle	0-220		0-220	0-230			
S30-E15B	2/80, 3/80	Battelle	0-100		0-100	0-90			
(DDH-3)	6/63	Battelle				0-210			
S30-E15C	7/11/70	WSU	0-2458		0-2428				
	7/23/70	WSU	0-3297			0-3297	2877-3297		0-3297
	7/24/70	WSU	0-3297			0-3297			
	8/12/70	WSU	0-3540		0-3540		0-3540		0-3540
	8/25/70	WSU	0-1981		0-1981				
S27-E14	6/63	GE				0-104			
S24-19	2/80, 4/80	Battelle	0-70		0-70	0-70			
S18-E2B	6/63	Battelle				0-256			
	3/80	Battelle	0-160		0-160				
S14-20	6/63	Battelle				0-152			
	8/76	WSU	0-134	0-134	0-134	0-132	0-133		
	2/80, 4/80	Battelle	0-140		0-140	0-140			
S12-3	6/63	Battelle				0-76			
S12-29	5/63	Battelle				0-164			
S11-E12A	6/63	Battelle				0-188			
	4/80	Battelle	4-458		4-459	4-258	210-268		
S8-19	6/63	Battelle				0-148			
S6-E4A	3/80, 4/80	Battelle	0-100		0-100	0-100			
S6-E4B	6/63	GE			0-96				
S6-E4C	6/63	Battelle				0-456			
	2/76	Battelle				0-450			

TABLE 6a. (Contd)

Well Name	Date(s)	Logging Company	Log Type/Interval Logged (ft)						
			Gamma Gamma	Neutron Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	S&R
	6/76	Battelle				0-450			
	2/80	Battelle	0-450		0-450	0-450			
	3/80	Battelle					320-440	60-440	320-[illegible]56
S6-E4D	6/63	Battelle				0-92			
S6-E4E	6/63	Battelle				0-76			
	3/80, 4/80	Battelle	0-70		0-70	0-60			
S6-E4F	6/63	Battelle				0--64			
	3/80	Battelle				0-60			
S6-E4G	6/63	Battelle				0-68			
	3/80	Battelle				0-60			
S6-E4H	6/63	Battelle				0-72			
	3/80	Battelle				0-60			
S6-E4J	6[illegible]63	Battelle				0-84			
	3/80	Battelle				0-60			
S6-E15	6/63	Battelle				0-212			
S3-E12	6/63	Battelle				0-232			
	4/74	WSU	0-251	0-251	0-250	0-250			
	4/74	WSU	0-252	0-252	0-251	0-251			
SO-112A	4/4/58	Schlumberger				20-10657	600-9285		
(RSH-1)	6/4/67	Schlumberger					0-2858		
	6/5/67	Schlumberger						600-9460	
	6/67	Schlumberger	600-9495		600-9475		600-9475		
	12/57	Schlumberger							601-[illegible]099
	4/58	Schlumberger							8099-10658
	[illegible]/77	Birdwell					0-2858		

TABLE 6a. (Contd)

Well Name	Date(s)	Logging Company	Log Type/Interval Logged (ft)						
			Gamma Gamma	Neutron Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	SP&R
SO-112B (DH-2)	7/70	WSU	0-392						
1-1 (SP1-1A)	4/74	WSU	0-63	0-62	0-62	0-64			
1-18	6/63	Battelle				0-156			
	4/74	WSU	0-157	0-155	0-158	0-159			
	4/74	WSU	0-157	0-157	0-157	0-158			
	6/70	Battelle	0-330						
2-1 (SP2-1A)	4/74	WSU	0-97	0-95	0-95	0-99			
2-3	6/63	Battelle				0-120			
2E-14 (DB-1)	4/74	WSU	0-730	0-730	0-730				
2-33	6/63	Battelle				0-400			
	5/75	WSU	0-201	0-204	0-203	0-179			
3-45	5/63	Battelle				0-108			
	5/75	WSU	0-150	0-150	0-150	0-150	0-150		
	4/80	Battelle	0-130		0-130	0-130			
4-1 (SP3-1A)	4/74	WSU	0-107	0-107	0-106	0-107			
4-5 (SP2-1B)	4/74	WSU	0-105	0-104	0-103	0-105			
4-6 (SP1-1B)	4/74	WSU	0-110	0-110	0-110	0-111			
5-2 (SP4-1A)	4/74	WSU	0-105	0-104	0-105	0-105			
5-3 (SP4-1B)	4/74	WSU	0-102	0-99	0-100	0-101			
5-4 (SP3-1B)	4/74	WSU	0-102	0-102	0-102	0-103			
6-1 (SP6-1B)	4/74	WSU	0-75	0-73	0-75	0-75			
6-2A (BH-137)	4/74	WSU	0-891	0-894	0-892	0-895			
6-2B (SP5-1B)	4/74	WSU	0-93	0-92	0-92	0-102			

TABLE 6a. **(Contd)**

Well Name	Date(s)	Logging Company	Log Type/Interval Logged (ft)						
			Gamma Gamma	Neutron Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	SP&R
7-E1A (SP7-1B)	4/74	WSU	0-66	0-65	0-65	0-70			
7-E1B (SP8-1B)	4/74	WSU	0-70	0-68	0-68	0-72			
7-3 (SP6-1A)	4/74	WSU	0-105	0-103	0-104	0-105			
8-E2 (SP10-1B)	4/74	WSU	0-62	0-62	0-62	0-66			
8-E3A (SP12-1B)	4/74	WSU	0-79	0-78	0-78	0-80			
8-E3B (SP12-1B)	4/74	WSU	0-77	0-75	0-75	0-78			
8-17	6/63	Battelle				0-136			
	5/75	WSU	0-150	0-150	0-150	0-150	0-150		
8-25	5/75	WSU	0-152	0-152	0-152	0-152	0-152		
8-32	6/63	Battelle				0-180			
	5/75	WSU	0-165	0-165	0-165	0-165			
9-E2	6/63	Battelle				0-76			
9-EA (SP13-1B)	4/74	WSU	0-77	0-77	0-77	0-78			
9-3 (SP7-1A)	4/74	WSU	0-108	0-110	0-110	0-110			
10-3A (B-36)	4/74	WSU	0-919	0-919	0-920	0-920			
10-E6 (SP15-1B)	4/74	WSU	0-126	0-125	0-125	0-127			
10-E12	6/63	Battelle				0-364			
10-54A	6/65	Battelle			0-100				
10-54(?)	5/63	Battelle			0-190				
10-54B	1/80	Battelle					1140-1250	1100-1250	1140-1250
(DC-12)	2/80	Battelle					1220-1360	1220-1370	1220-1360
	2/80	Battelle					1320-1530	1320-1530	1180-1530
	3/80	Battelle					1480-1680	1480-1682	1480-1680
	3/80	Battelle					1620-1707	1620-1707	1620-1707

TABLE 6a. (Contd)

Well Name	Date(s)	Logging Company	Log Type/Interval Logged (ft)						
			Gamma Gamma	Neutron Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	SP&R
	4/80	Battelle					1660-1854	1660-1854	1660-1350
11-E8 (SP17-1B)	4/74	WSU	0-122	0-119	0-119	0-120			
11-4 (SP9-1A)	4/74	WSU	0-88	0-88	0-88	0-90			
11-45A	6/63	Battelle			0-40				
	3/65	Battelle			0-40				
	4/65	Battelle			0-160				
	5/65	Battelle			0-160	0-162			
	6/65	Battelle			0-160				
	8/67	Battelle			0-170				
	12/68	Battelle			0-170				
	5/75	WSU	0-217	0-217	0-218	0-218	0-216		
11-45B	11/68	Battelle			0-100				
	12/68	Battelle			0-100				
11-45C	4/69	Battelle			0-170				
	2/80	Battelle				0-180			
	5/9/80	Battelle	0-176		0-176				
12-4 (SP10-1A)	4/74	WSU	0-80	0-78	0-78	0-80			
13-5 (SP11-1A)	4/74	WSU	0-81	0-81	0-82	0-82			
13-28 (B-35)	4/74	WSU	0-862	0-860	0-862	0-862	0-864		
13-64	6/63	Battelle				0-156			
	6/65	Battelle			0-120				
14-5 (SP12-1A)	4/74	WSU	0-80	0-78	0-78	0-79			
14-38	6/63	Battelle				0-380			

TABLE 6a. (Contd)

Well Name	Date(s)	Logging Company	Log Type/Interval Logged (ft)						
			Gamma Gamma	Neutron Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	SP&R
14-47	2/80	Battelle				0-180			
	5/9/80	Battelle	0-186		0-184				
15-E3	4/74	WSU	0-254	0-253	0-253	0-253			
(BH-144)	4/74	WSU	0-255	0-253	0-254	0-255			
15-E13	4/74	WSU	0-913	0-918	0-916	0-912			
15-15A	5/75	WSU	0-268	0-270	0-270	0-269	0-270		
15-15F	8/10/78	WELEX	2780-4097		2780-4097			2780-4089	
(DC-7)	4/30/79	EDCON	2750-4090			2750-4090	2750-4090		
	4/80	Battelle	3900-4430		3900-4430	3900-4430			
15-15G	6/13/78	EDCON						1612-2734	
(DC-8)	10/24/78	EDCON						2730-4095	
	4/30/79	EDCON	2700-4090			0-810			
15-26	6/63	Battelle				0-285			
	5/9/80	Battelle	0-174		0-174	0-174			
15-52	1/70	Battelle			0-140				
16-E3	4/74	WSU	0-298	0-296	0-295	0-297			
(BH-145)	4/74	WSU	0-278	0-277	0-278	0-279			
16-E4	4/74	WSU	0-684	0-684	0-684	0-684			
(BH-139A)	4/74	WSU	0-299	0-299	0-299	0-299			
17-5	4/63	Battelle				0-194			
17-4	6/63	Battelle				0-316			
17-70	5/63	Battelle				0-247			
18-E8 (BH-143)	4/74	WSU	0-563	0-563	0-563	0-561			

TABLE 6a. **(Contd)**

Well Name	Date(s)	Logging Company	Log Type/Interval Logged (ft)						
			Gamma Gamma	Neutron Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	SP&R
19-43	6/63	Battelle				0-160			
19-47A	11/69	Battelle			0-200				
	11/69	Battelle			0-200				
	12/69	Battelle			0-200				
	12/69	Battelle			0-200				
	1/70	Battelle			0-200				
	1/70	Battelle			0-200				
	3/80	Battelle				0-210			
	5/9/80	Battelle	0-214		0-214				
19-47B	12/69	Battelle			0-200				
	12/69	Battelle			0-200				
	1/70	Battelle			0-210				
19-47C	1/70	Battelle			0-50				
19-51	1/70	Battelle			0-190				
19-58	1/63	Battelle				0-280			
19-88	5/63	Battelle				0-376			
20-20	4/63	Battelle				0-136			
20-39	1/63	Battelle				0-468			
	5/75	WSU	0-482	0-482	0-482	0-485	0-485		
20-82	5/63	Battelle				0-156			
22-55	1/70	Battelle			0-150				
22-70	1/63	Battelle				0-360			
	6/76	Battelle	0-370						
24-33	4/63	Battelle				0-164			
	5/75	WSU	0-159	0-159	0-158	0-160	0-159		

TABLE 6a. (Contd)

Well Name	Date(s)	Logging Company	Log Type/Interval Logged (ft)						
			Gamma Gamma	Neutron Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	SP&?
24-46	1/63	Battelle				0-608			
	4/74	WSU	0-605	0-605	0-605	0-605			
	d/74	WSU	0-298	0-298	0-298	0-298			
25-51	1/70	Battelle			0-260				
25-55	3/63	Battelle				0-308			
25-70	1/63	Battelle				0-300			
25-80 (DB-14)	12/62	Battelle				0-180			
	7/65	Battelle			0-170				
	9/78	Battelle	0-270		0-270	0-270	0-270		
	11/78	Battelle	600-670		600-670	600-670	600-670		
	12/78	Battelle	500-1000		0-1000	0-1000			910-1000
	12/78	Battelle	0-500						
26-15	4/63	Battelle				0-200			
	4/74	WSU	0-289	0-280	0-286	0-285			
	4/74	WSU	0-288	0-281	0-287	0-285			
26-89	6/63	Battelle				0-364			
	4/65	Battelle			0-180				
27-8	4/63	Battelle				0-444			
27-8	4/74	WSU	0-414	0-414	0-414	0-414			
	d/74	WSU	0-298	0-298	0-298	0-298			
27-47	11/69	Battelle			0-220				
	1/70	Battelle			0-220				
27-40	4/63	Battelle				0-332			
27-49	11/69	Battelle			0-240				
	1/70	Battelle			0-250				

TABLE 6a. (Contd)

Well Name	Date(s)	Logging Company	Log Type/Interval Logged (ft						
			Gamma Gamma	Neutron Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	SP&R
28-52	1/63	Battelle				0-672			
	1/65	Battelle			0-320				
28-55	12/69	Battelle			0-250				
	1/70	Battelle			0-250				
29-78	12/62	Battelle				0-176			
	7/65	Battelle			0-160				
30-47	12/69	Battelle			0-250				
	1/70	Battelle			0-250				
30-51	11/69	Battelle			0-260				
	1/70	Battelle			0-270				
30-55	11/69	Battelle			0-280				
	1/70	Battelle			0-280				
31-31	4/63	Battelle				0-588			
	5/75	WSU	0-159	0-159	0-158	0-160	0-159		
31-53B	6/63	Battelle				0-424			
31-65	6/63	GE				0-416			
32-42	3/80	Battelle				0-120			
32-49A	11/69	Battelle			0-240				
	1/70	Battelle			0-240				
	6/70	Battelle			0-240				
32-49B	2/70	Battelle			0-300				
32-49D	6/70	Battelle			0-300				
	6/70	Battelle			0-300				
32-62	1/63	Battelle				0-420			

TABLE 6a. (Contd)

Well Name	Date(s)	Logging Company	Log Type/Interval Logged (ft)						
			Gamma Gamma	Neutron Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	SP&R
32-70	12/62	Battelle				0-220			
	7/65	Battelle			0-210				
	3/80	Battelle	0-250		0-250	0-250			
32-72	12/62	Battelle				0-440			
32-77	6/63	Battelle				0-256			
32-77	7/65	Battelle			0-180				
33-56	6/63	Battelle				0-320			
34-39	4/63	Battelle				0-164			
34-41	3/80	Battelle				0-180			
34-51	6/63	Battelle				0-176			
	6/65	Battelle			0-320				
34-88	6/63	Battelle				0-600			
	3/80	Battelle	0-190		0-190	0-190			
35-9	4/63	Battelle				0-168			
35-66	3/63	Battelle				0-424			
	7/65	Battelle			0-280				
35-70	6/63	Battelle				0-264			
	7/65	Battelle			0-240				
35-78	6/63	Battelle				0-276			
	7/65	Battelle			0-180				
	5/75	WSU	0-267	0-267	0-267	0-267	0-267		
36-61A	6/63	Battelle				0-360			
	6/65	Battelle			0-280				
36-61(a)	5/75	WSU	0-345	0-345	0-345	0-345	0-345		

TABLE 6a. **(Contd)**

Well Name	Date(s)	Logging Company	Log Type/Interval Logged (ft)						
			Gamma Gamma	Neutron Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	SP&R
36-61B	1/63	Battelle				0-560			
	3/80	Battelle	0-380		0-380	0-380			
36-93	12/62,1/63	Battelle				0-688			
37-43	4/63	Battelle				0-424			
	5/75	WSU	0-501	0-502	0-502	0-502	0-502		
37-82B	6/63	Battelle				0-440			
	4/64	Battelle			0-190				
	5/75	WSU	0-166	0-166	0-166	0-166			
37-82D	3/80	Battelle	0-190		0-190	0-190			
38-65	1/63	Battelle				0-508			
	6/63	Battelle				0-334			
38-70	5/75	WSU	0-300	0-300		0-300			
39-39	5/80	Battelle	0-180		0-180	0-180			
39-79	6/63	Battelle				0-280			
	3/80	Battelle	0-230		0-230	0-230			
39-103	7/76	Battelle	0-160						
40-1	4/63	Battelle				0-384			
	4/74	WSU	0-377	0-379	0-378	0-378			
	4/74	WSU	0-298	0-298	0-298	0-298			
40-33B	4/63	Battelle				0-260			
	5/75	WSU	0-273	0-273	0-273	0-273			
	3/80	Battelle				0-270			
	5/80	Battelle	0-270		0-270			0-270	
40-62	3/63	Battelle				0-376			
	7/65	Battelle			0-340				

TABLE 6a. (Contd)

Well Name	Date(s)	Logging Company	Log Type/Interval Logged (ft)						
			Gamma Gamma	Neutron Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	SP&R
	3/80	Battelle	0-370		0-370	0-370			
41-23	4/63	Battelle				0-96			
42-12(a)	4/63	Battelle				0-144			
	4/74	WSU	0-220	0-224	0-223	0-225			
	4/74	WSU	0-273	0-224	0-223	0-225			
	8/76	WSU	0-248	0-251	0-250	0-250	0-248		
42-12B	4/80	Battelle				0-140			
	4/80	Battelle	0-140		0-140				
42-42	5/63	Battelle					0-312		
43-42	2/67	Battelle			0-140		0-512		
	6/76	Battelle	0-220						
	8/76	WSU	0-219	0-219	0-221	0-219	0-220		
43-89	8/63	Battelle				0-300			
43-104	5/63	Battelle				0-428			
43-104	5/75	WSU	0-413	0-413	0-413	0-413	0-413		
44-64	3/63	Battelle				0-440			
44-70 (DC-3)	9/6/77	Schlumberger	500-2582		500-2582	1448-2580		1448-2580	
	9/10/77	Schlumberger	2380-3097		2380-3097	2380-3095		2380-3095	
	9/28/77	Birdwell	3000-3571		3000-3571		3000-3568		
	10/4/77	Birdwell	3550-3634		3550-3634		3575-3632		
45-42	4/63	Battelle				0-184			
45-69	12/62	Battelle				0-300			
	1/71	Battelle			0-280				
	3/80	Battelle			0-320	0-320			

TABLE 6a. (Contd)

Well Name	Date(s)	Logging Company	Log Type/Interval Logged (ft)						
			Gamma Gamma	Neutron Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	SP&R
46-21	4/63	Battelle				0-308			
	5/75	WSU	0-307	0-307	0-308	0-308			
47-35B	4/63	Battelle				0-108			
47-35B	8/76	WSU	0-95	0-102	0-103	0-104	0-104		
	4/80	Battelle	0-100		0-100	0-100			
47-46	4/63	Battelle				0-208			
	4/65	Battelle			0-170				
	6/76	Battelle	0-200						
47-60	3/63	Battelle				0-280			
47-60	5/75	WSU	0-277	1-273	0-277	0-277	0-276		
	3/80	Battelle	0-270		0-270	0-270			
48-7	4/63	Battelle				0-44			
48-18	6/76	Battelle	0-80						
	4/80	Battelle	0-80		0-80	0-80			
48-42 (DB-15)	4/79	Battelle			0-200				
	4/79	Battelle	0-220		0-220	0-220			70-220
	6/79	Battelle	500-680		500-680				490-680
	6/79	Battelle	0-1970		0-1970	0-1950			0-820
	8/79	Battelle					830-967		
	8/79	Battelle					950-1100		
	9/79	Battelle					1100-1280		
	10/79	Battelle					1250-1530		
	8/79	Battelle							850-1520
	12/79	Battelle					800-1970		

TABLE 6a. (Contd)

Well Name	Date(s)	Logging Company	Log Type/Interval Logged (ft)						
			Gamma Gamma	Neutron Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	SP&R
48-48 (DC-2)	5/27/79	EDCON						2240-3370	
	5/28/79	EDCON				2200-3375	2200-3375		2240-33?4
	5/29/79	EDCON	OLEE-00ZZ						
	6/79	Battelle			0-3100				
48-49 (DC-1)	4/30/69	Birdwell	0-362				0-361		0-362
	5/6/69	Birdwell	350-692				300-690		350-693
	5/17/69	Birdwell					300-890		
	5/18/69	Birdwell	450-890				300-880		450-890
	5/24/69	Birdwell					300-913.5		
	5/25/69	Birdwell					300-945		
	5/26/69	Birdwell	700-1182				300-1180		700-117?
	6/3/69						300-502		
	6/7/69	Schlumberger	364-2229		364-2229			364-2229	
	6/8/69	Birdwell	350-2224				300-2224		350-222?
	6/15/69	Birdwell					E00-ZSZO		
	6/19/69	Birdwell	2000-3104				300-3101		1970-31?4
	6/27/69	Birdwell					300-3222		
	7/1/69	Birdwell					2447-3447		
	7/5/69	Birdwell					2597-3597		
	7/12/69	Birdwell	2900-4271			300-4279			2900-42?3
	7/18/69	Schlumberger	2229-4443						
	7/19/69	Schlumburger						2229-4428	
	7/31/69	Birdwell					300-5652		
	8/18/69	Birdwell	300-2824				300-2820		
	8/19/69	Birdwell							300-281?

TABLE 6a. (Contd)

Well Name	Date(s)	Logging Company	Log Type/Interval Logged (ft)						
			Gamma Gamma	Neutron Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	SP&R
	9/14/69	Birdwell					20-996		
	9/17/69	Birdwell					0-971		
	4/4/72	WSU				0-5546	0-5586		
	4/5/72	WSU			0-5425				0-5580
	4/6/72	Birdwell					1200-2820		
	4/6/72	Birdwell					1200-550		4000-5550
	4/7/72	Birdwell	0-5550						
48-51	3/63	Battelle				0-164			
	4/65	Battelle			0-160				
	7/76	Battelle	0-160						
48-71	12/62	Battelle				0-250			
	3/80	Battelle	0-280		0-280	0-280			
49-13	5/63	Battelle				0-80			
49-28	3/80	Battelle				0-140			
	4/80	Battelle	0-140		0-140				
49-48 (DDH-1)	4/63	Battelle				0-140			
	4/65	Battelle			0-120				
	7/12/70	WSU	0-802			0-810			
	4/74	WSU	0-298	0-298	0-298	0-298			
	4/74	WSU	0-817	0-810	0-817	0-811			
49-55	3/63	Battelle				0-148			
49-57	5/63	Battelle				0-172			
	5/75	WSU	0-158	0-158	0-158	0-158	0-158		
49-79	12/62	Battelle				0-240			
	4/80	Battelle	0-280		0-280	0-280			

TABLE 6a. (Contd)

Well Name	Date(s)	Logging Company	Log Type/Interval Logged (ft): Gamma Gamma	Neutron Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	SP&R
49-86A (DC-5)	1/25/78	Schlumberger			610-2604				
	8/16/78	WELEX						7936-3958	
	8/10/78	WELEX	2636-3962		2636-3962				
49-86B (DC-4)	3/19/79	Birdwell			0-2661				
49-100A (DB-11)	8/76	WSU	0-398	0-400	0-402	0-403	0-385		
49-100B	3/80	Battelle				0-180			
50-29	4/63	Battelle				0-96			
50-30	4/63	Battelle				0-164			
	4/74	WSU	0-165	0-169	0-167	0-170			
	4/74	WSU	0-165	0-167	0-165	0-170			
	3/80	Battelle				0-140			
	4/80	Battelle	0-170		0-140				
50-42	1/63	Battelle				0-124			
50-53	4/63	Battelle				0-184			
	4/63	Battelle			0-150				
	5/75	WSU	0-183	0-183	0-183	0-183	0-183		
50-85	12/62,1/63	Battelle				0-536			
	7/76	Battelle	0-580						
51-36	7/76	Battelle	0-60						
51-47	4/80	Battelle	5-168		5-169	5-169	116-169	50-169	120-166
51-63	3/63	Battelle				0-184			
51-75	3/63	Battelle				0-360			
52-48	3/24/80	Battelle	4-195		0-195	4-195	160-195	150-195	160-195
52-111 (Ford)	3/78	Battelle	0-777		0-780	0-777			
52-115 (O'Brian)	2/79	Battelle	0-700		0-700	0-700			570-710

TABLE 6a. (Contd)

Well Name	Date(s)	Logging Company	Log Type/Interval Logged (ft)						
			Gamma Gamma	Neutron Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	SP&R
53-35	3/80	Battelle				0-150			
	5/80	Battelle	0-140		0-140				
53-47	2/67	Battelle			0-30	0-40			
	5/75	WSU	0-37	0-37	0-37	0-37	0-37		
53-51	4/80	Battelle	0-195		0-195	0-195	0-195	150-195	147-195
53-55A	7/76	Battelle	0-450						
	8/76	WSU	0-248	0-250	0-250	0-251	0-250		
53-55(a)	5/63	Battelle				0-148			
53-55B	3/80	Battelle	0-250		0-250	0-250		180-250	
	9/79	Battelle	0-970		0-970	0-970	0-960		680-960
53-105 (McGee)	11/79	Battelle						0-980	
54-17C	6/76	Battelle	0-320						
	8/76	WSU	0-280	0-283	0-278	0-288	0-282		
54-17D (DC-6)	5/30/78	WSU							0-4342
	5/31/78	WSU	0-4334			0-4334	0-4332		0-4330
	6/1/78	WSU	0-2473						
	6/6/78	WSU	0-4339						
	3/22/79	Birdwell			0-4306				
	4/29/79	EDCON					2220-4325		2236-4330
	5/22/79	EDCON						2260-4336	
	5/23/79	EDCON	0-4310						
	4/80	Battelle	2150-4327		2140-4328	2150-4328	2150-4310		2200-4306
54-19	5/63	Battelle				0-44			
54-37(a)	5/63	Battelle				0-148			
54-37B	12/76	Battelle	0-924		0-925	0-923			

TABLE 6a. (Contd)

Well Name	Date(s)	Logging Company	Log Type/Interval Logged (ft)						
			Gamma Gamma	Neutron Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	SP&R
54-42	5/63	Battelle				0-188			
	5/75	WSU	0-169	0-169	0-169	0-169	0-169		
	5/80	Battelle	0-140		0-140	0-140			
54-45	5/75	WSU	0-100	0-100	0-100	0-100	0-100		
	3/80	Battelle				0-110			
	5/80	Battelle	0-110		0-110				
54-57A	5/75	WSU	9-183	0-183	0-183	0-183	0-183		
54-57(a)	5/63	Battelle				0-200			
54-57B	5/75	WSU	0-177	0-177	0-177	0-177	0-177		
55-40	3/80	Battelle				0-140			
	5/80	Battelle	0-140		0-140				
55-44	3/80	Battelle				0-150			
	5/80	Battelle	0-150		0-150				
55-50D	1/63	Battelle				0-96			
	3/80	Battelle							
	5/80	Battelle	0-90		0-90	0-90			
55-57	8/76	WSU	0-175	0-174	0-177	0-171	0-174		
	3/80	Battelle				0-120			
	5/80	Battelle	0-70		0-70				
55-70	3/63	GE				0-220			
55-76	3/63	Battelle				0-220			
	4/80	Battelle	0-180		0-180	0-180			
55-89	3/63	Battelle				0-232			
	4/80	Battelle	0-210		0-210	0-210			
55-95	5/63	Battelle				0-0492			

TABLE 6a. (Contd)

Well Name	Date(s)	Logging Company	Log Type/Interval Logged (ft)						
			Gamma Gamma	Neutron Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	SP&R
56-43	3/80	Battelle				0-150			
	5/80	Battelle	0-150		0-150				
57-25B	3/80	Battelle				0-70			
	4/80	Battelle	0-80		0-80				
57-29A	5/63	Battelle				0-60			
57-29B	8/76	WSU	0-77	0-77	0-77	0-77	0-76		
	3/80	Battelle				0-80			
	4/80	Battelle	0-80		0-80				
57-83	3/63	Battelle				0-332			
	4/80	Battelle	0-190		0-190	0-190			
58-24	3/80	Battelle				0-70			
	4/80	Battelle	0-60		0-60				
59-58	3/63	Battelle				0-192			
59-58	5/75	WSU	0-101	0-101	0-101	0-100			
59-80B	5/75	WSU	0-185	0-185	0-185	0-185	0-185		
	3/80	Battelle				0-180			
	4/80	Battelle	0-180		0-180				
59-100	7/76	Battelle	0-120						
60-60	3/63	Battelle				0-128			
	5/75	WSU	0-124	0-124	0-124	0-124	0-123		
61-55	7/76	Battelle	0-230						
61-66	3/63	Battelle				0-208			
	5/75	WSU	0-158	0-158	0-158	0-158	0-156		
62-43A	5/63					0-64			
	3/80,5/80	Battelle	0-70		0-70	0-70			

TABLE 6a. (Contd)

Well Name	Date(s)	Logging Company	Log Type/Interval Logged (ft)						
			Gamma Gamma	Neutron Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	SP&F
62-43C	3/80,5/80	Battelle	0-100		0-110	0-100		40-100	
62-43E	3/80,5/80	Battelle	0-80		0-80	0-80		30-80	
62-43H	3/80,5/80	Battelle	0-90		0-90	0-90		20-90	
62-43G	5/63	Battelle				0-76			
62-43K	5/63	Battelle				0-76			
62-57	5/80	Battelle	0-340		0-340	0-340		0-340	
63-25A	4/63	Battelle				0-40			
	2/67	Battelle			0-30				
	5/80	Battelle	0-100		0-100	0-100			
63-89	3/80	Battelle				0-220		100-220	
	4/80	Battelle	0-220		0-220				
63-90	3/63	Battelle				0-252			
	5/75	WSU	0-244	0-244	0-244	0-244	0-244	0-244	
63-92	5/75	WSU	0-185	0-185	0-185	0-185	0-185	0-185	
	3/80	Battelle				0-180		100-180	
	4/80	Battelle	0-190		0-190				
63-95 (DB-12)	5/75	WSU	0-160	0-160	0-162	0-162	0-159		
	7/79	Battelle	0-650		0-650	0-649	500-650		
64-27	4/63	Battelle				0-80			
	5/80	Battelle	0-80		0-80	0-80			
65-50	1/63	Battelle				0-548			
	1/65	Battelle			0-470				
	5/75	WSU	0-547	0-547	0-547	0-546	0-545		
65-59B	3/63	Battelle				0-196			
	8/76	WSU	0-127	0-132	0-135	0-135	0-133		

TABLE 6a. (Contd)

Well Name	Date(s)	Logging Company	Log Type/Interval Logged (ft)						
			Gamma Gamma	Neutron Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	SP&R
	3/80	Battelle				0-140			
65-72	6/63	Battelle				0-152			
	5/75	WSU	0-203	0-203	0-203	0-203	0-203		
65-95	4/80	Battelle	0-110		0-110	0-110		60-110	
66-23	4/63	Battelle				0-100			
66-38	1/63	Battelle				0-148			
66-91	4/80	Battelle	0-190		0-190	0-190		70-180	100-180
66-103	3/63	Battelle				0-68			
	4/80	Battelle	0-120		0-120	0-120			
67-51	5-63	Battelle				0-240			
67-86	3/63	Battelle				0-448			
	11/68	Battelle				0-504			
67-98	3/63	Battelle				0-172			
	5/75	WSU	0-159	0-160	0-160	0-159	0-157		
68-105	4/80	Battelle	0-90		0-90	0-90			
70-68	3/63	Battelle				0-148			
71-30	4/63	Battelle				0-40			
	5/80	Battelle	0-80		0-80	0-80			
71-52	4/63	Battelle				0-148			
	5/75	WSU	0-140	0-140	0-140	0-140	0-140		
	4/80	Battelle	0-140		0-140	0-140			
71-77	3/63	Battelle				0-268			
	4/80	Battelle	0-120		0-120	0-120			
72-73	3/63	Battelle				0-192			
	4/80	Battelle	0-130		0-130	0-130			

TABLE 6a. (Contd)

Well Name	Date(s)	Logging Company	Log Type/Interval Logged (ft)						
			Gamma Gamma	Neutron Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	SP&
72-88	3/63	Battelle				0-48			
	4/80	Battelle	0-50		0-50	0-50			
72-92	3/63	Battelle				0-192			
72-98	5/75	WSU	0-50	0-50	0-50	0-50	0-50		
73-61	3/63	Battelle				0-132			
74-44	5/63	Battelle				0-152			
74-48	1/63	Battelle				0-148			
77-36	5/63	Battelle				0-136			
	5/80	Battelle	0-70		0-70				
77-54	5/75	WSU	0-132	0-132	0-132	0-132	0-132		
	4/80	Battelle	0-120		0-120	0-120			
78-62	3/63	Battelle				0-68			
79-104	5/75	WSU	0-376	0-376	0-376	0-376	0-376		
81-58	3/63	GE				0-132			
	4/80	Battelle	0-80		0-80	0-80			
783-47	5/63	Battelle				0-152			
84-35	5/63	Battelle				0-360			
86-60	3/63	Battelle				0-100			
87-55	5/75	WSU	0-77	0-77	0-77	0-76	0-77		
89-35	5/63	Battelle				0-70			
	4/80	Battelle	0-60		0-60	0-60			
96-49	5/63	Battelle				0-100			
	5/75	WSU	0-98	0-98	0-98	0-98	0-98		
97-43	5/63	Battelle				0-96			
	4/80	Battelle	0-80		0-80	0-80			

TABLE 6a. (Contd)

Well Name	Date(s)	Logging Company	Log Type/Interval Logged (ft)						
			Gamma Gamma	Neutron Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	SP&R
97-51A	4/80	Battelle	0-40		0-40	0-40			
114-127 (DH-5)	1/26/72					0-5044	0-5000		
	1/27/72	WSU			0-5042				2324-5040
	1/28/72	WSU	450-5030	0-5000					
117-10 (DH-4)	11/11/71	WSU		0-4750		0-4754	0-4750		

TABLE 6b. Geophysical Logs Available for Deep Wells in the 600 Area

Well Name	Date	Logging Company	Log Type/Interval Logged (ft) Micro-Laterlog	Dual Induction Laterlog	Sidewall Neutron Porosity	3-D Velocity
SO-112A	6/4/67	Schlumberger	600-9285	603-9282	600-9475	
(RSH-1)	4/20/77	Birdwell				1000-2953
15-15F	8/9/78	WELEX		2780-4087		
(DC-7)	10/3/78	Sperry-Sun				
15-15G	6/13/78	EDCON				
(DC-8)	10/7/78	Sperry-Sun				
	10/24/78	EDCON				
44-70	9/6/77	Schlumberger	1448-2582			
(DC-3)	9/10/77	Schlumberger	2377-3096			
	9/28/77	Birdwell		3000-3566		300-3565
	10/4/77	Birdwell	3575-3631			3500-3627
	10/7/77	Sperry-Sun				
48-48	9/15/78	Birdwell				
DC-2	5/29/78	EDCON				
48-49	4/30/69	Birdwell				0-356
(DC-1)	5/6/69	Birdwell				300-383
	5/18/69	Birdwell				450-884
	5/26/69	Birdwell				700-1173
	6/7/69	Schlumberger	364-2230	364-2238	364-2228	
	6/8/79	Birdwell				350-2221
	6/19/69	Birdwell				2000-3099
	7/18/69	Schlumberger		2238-4438		
	7/19/69	Schlumberger			2228-4438	
	9/30/69	Birdwell				2900-4263
	4/7/72	Birdwell				4000-5550
49-86A	8/9/78	WELEX		2636-3962		
(DC-5)	9/21/78	Sperry-Sun				
49-86B	10/10/78	Sperry-Sun				
(DC-4)	5/23/79	Sperry-Sun				
54-17D	10/6/78	Sperry-Sun				
(DC-6)	4/29/79	EDCON				

TABLE 6b. (Contd)

Well Name	Date	Logging Company	Log Type/Interval Logged (ft) Fluid Resistivity	Single Point Resistivity	Spontaneous Potential	Dipmeter	Flowmeter
2-El4 (DB-1)	4/74	WSU		350-738	0-730		
8-17	5/75	WSU		120-150	120-150		
8-25	5/75	WSU		149-165	149-165		
10-3A (B-36)	4/74	WSU		0-885	0-890		
1328 (B-35)	4/74	WSU	0-878	0-884			
15-E13 (DB-2)	4/74	WSU	343-909	0-906			
15-15F	8/9/78	Welex				2780-4098	
(DC-7)	3/14/79	Birdwell					2750-4020
	5/1/79	WSU					0-400
25-80	9/78	Battelle			150-270		
(DB-14)	11/78	Battelle		600-670			
44-70 (DC-3)	9/28/77	Schlumberger				1450-3571	
48-48 (DC-2)	13/16/78	WSU					160-3372
48-49	4/4/72	Birdwell					145-4224
(DC-1)	4/4/72	WSU	0-5660				
49-86A	8/9/78	Welex				2636-3961	
(DC-5)	5/21/79	WSU					0-3030
49-86B (DC-4)	5/21/79	WSU					0-200
54-17D	5/31/78	WSU	0-4330				
(DC-6)	3/22/79	Birdwell					0-2101
	5/1/79	WSU					0-3638
59-58	5/75	WSU		87-103			
60-60	5/75	WSU		106-123	106-123		
114-27 (DH-5)	1/28/72	WSU	450-5030				
117-10 (DH-4)	11/12/71	WSU	0-4753				

TABLE 6c. Miscellaneous Logs Available for Deep Wells in the 600 Area

	Other Logs
SO-112A (RSH-1)	Borehole Compensated Sonic-Schlumberger 6/5/67 600-9475 ft Compensated Formation Density-Schlumberger 6/6/67 600-9495 ft
15-15F (DC-7)	Compensated Acoustic Velocity - WELEX 8/9/78 2780-4089 ft Compensated Density (Neutron) 8/1/78 2708-4087 ft Gravity Survey - EDCON 6/16/78 3240-3870 ft 10/17/78 160-4020 ft
15-15G (DC-8)	Resistivity/IP - EDCON 6/13/78 1612-2734 ft
44-70 (DC-3)	Compensated Neutron Formation Density Schlumberger 9/6/77 560-2582 ft 9/10/77 2380-3097 ft Borehole Compensated Sonic - Schlumberger 9/6/77 1558-2580 9/10/77 2380-3095 ft Induction Electric - Schlumberger 9/6/77 1448-2582 ft 9/10/77 2377-3096 ft Birdwell 9/28/77 3000-3566 ft 10/4/77 3575-3631 ft Density Borehole Compensated - Birdwell 9/28/77 3000-3570 10/4/77 3550-3635 ft Neutron Borehole Compensated 9/28/77 3000-3571 ft 10/4/77 3550-3634 ft Interval Transit Times and ΔI Shear/ ΔI pressure - Birdwell 11/9/77 3575-3627 ft

TABLE 6c. (contd)

		Elastic Properties - Birdwell
		11/3/77 3000-3627 ft
		Com-Pro - Birdwell
		10/4/77 3000-3568 ft
48-49	(DC-1)	Compensated Density - Schlumberger
		6/7/69 364-2228 ft
		7/18/69 2238-4438
		Velocity - Birdwell
		4/30/69 190-348 ft
		5/6/69 364-668 ft
		5/18/69 669-884 ft
		5/26/69 885-1173 ft
		6/8/89 1174-2218 ft
		6/19/69 2219-3099 ft
		9/30/69 3100-4267 ft
		4/26/72 4000-5550 ft
		Elastic Properties - Birdwell
		4/30/69 190-348 ft
		5/6/69 364-670 ft
		5/18/69 669-884 ft
		5/26/69 885-1174 ft
		4/26/72 3800-5550 ft
		Gamma Ray and Caliper - Birdwell
		7/12/69 300-4274 ft
		Lithology-Strength Index - Schlumberger
		12/1/69 380-2233 ft
		7/15/69 2010-4450 ft
		Lithology-Porosity Index - Schlumberger
		7/15/69 380-2238 ft
		10/1/69 2010-4435 ft
		Rwe Log Formation Factor - Schlumberger
		7/15/69 380-2238 ft
		2000-4437 ft
		Borehole Compensated Sonic - Schlumberger
		8/7/69 364-2229 ft
		9/19/69 1808-4428 ft

TABLE 6c. (contd)

	Dval Mineral - Schlumberger 7/15/69 380-2238 ft 7/15/69 2000-4440 ft
	Composite for Correlation - Birdwell 8/8/69 350-4271 ft
	Shear Amplitude - ARCHO 2340-4600 ft
	Variable Density - ARCHO 2000-4600 ft
	3-D Density Computations 4260-5550 ft
49-86A (DC-5)	Compensated Neutron - Schlumberger 1/25/78 610-2604 ft
	Compensated Density (Neutron) - WELEX 8/10/78 2636-3692 ft
	Compensated Acoustic Velocity - WELEX 8/9/78

TABLE 7. Geophysical Logs Taken at the WPPSS No. 2 Site

Well Name	Date	Company	Log Type/Interval Logged (ft)				
			Gamma Gamma	Neutron Gamma	Neutron Epithermal Neutron	Natural Gamma	Caliper
B-12	4/74	WSU	0-615	0-615	0-615	0-618	0-618
B-35 (13-28)	4/74	WSU	0-862	0-860	0-862	0-862	0-874
B-36 (10-3A)	4/74	NSU	0-919	0-919	0-920	0-920	
BH-1	4/74	WSU	0-975	0-975	0-972	0-977	
BH-16	4/74	WSU	0-621	0-880	0-880	0-880	
BH-17	4/74	WSU	0-990	0-998	0-998	0-995	
BH-18	4/74	WSU	0-934	0-933	0-930	0-940	
BH-137 (6-2A)	4/74	WSU	0-891	0-894	0-892	0-895	
BH-138	4/74	NSU	0-862	0-863	0-865	0-860	
BH-139A (16-E14)	4/74	WSU	0-299	0-299	0-299	0-299	
	4/74	WSU	0-684	0-684	0-684	0-684	
BH-140	4/74	WSU	0-299	0-299	0-299	0-299	
	4/74	WSU	0-636	0-636	0-637	0-637	
BH-141	4/74	WSU	0-680	0-680	0-680	0-680	
BH-142	4/74	WSU	0-298	0-298	0-298		
BH-143 (18-E8)	4/74	WSU	0-563	0-563	0-563	0-561	
BH-144 (15-E3)	4/74	NSU	0-254	0-253	0-253	0-253	
	4/74	WSU	0-255	0-253	0-254	0-255	
BH-145 (16-E3)	4/74	WSU	0-278	0-277	0-278	0-279	
	4/74	WSU	0-298	0-296	0-295	0-297	
SP14-B-5 (13-E2)	4/74	WSU	0-298	0-296	0-295	0-297	
CB-6A (13-E2)	4/74	WSU	0-295	0-295	0-295	0-294	
CB-7 (14-E2)	4/74	WSU	0-296	0-297	0-297	0-296	
CB-8 (13-E3)	4/74	WSU	0-301	0-301	0-301	0-301	
CB-9 (13-E3)	4/74	WSU	0-294	0-293	0-294	0-295	
08-11 (10-E3)	4/74	WSU	0-274	0-271	0-274	0-273	
	4/74	WSU	0-274	0-274	0-271	0-272	
DB-12 (11-E3)	4/74	WSU	0-293	0-293	0-295	0-293	
	4/74	WSU	0-294	0-293	0-295	0-293	
DB-13A (11-E3)	4/74	WSU	0-294	0-294	0-294	0-293	
	4/74	WSU	0-296	0-296	0-295	0-295	
DB-14 (11-E4)	4/74	WSU	0-215	0-214	0-295	0-294	
	4/74	WSU	0-215	0-214	0-295	0-295	
DB-15 (11-E4)	4/74	WSU	0-290	0-290	0-290	0-290	
	4/74	NSU	0-290	0-290	0-290	0-290	

TABLE 7. (Contd)

Well Name	Date	Company	Log Type/Interval Logged (ft)				
			Gamma Gamma	Neutron Gamma	Neutron Epithermal Neutron	Natural Gamma	Caliper
SP-1A (1-1)	4/74	WSU	0-63	0-62	0-62	0-64	
SP2-1A (2-1)	4/74	WSU	0-97	0-95	0-95	0-99	
SP3-1A (4-10	4/74	WSU	0-107	0-107	0-106	0-107	
SP4-1A (5-2)	4/74	WSU	0-105	0-104	0-105	0-105	
SP6-1A (7-3)	4/74	WSU	0-105	0-103	0-104	0-105	
SP7-1A (9-3)	4/74	WSU	0-110	0-108	0-110	0-110	
SP8-1A	4/74	WSU	0-102	0-102	0-101	0-103	
SP9-1A (11-4)	4/74	WSU	0-88	0-88	0-88	0-90	
SP10-1A (12-4)	4/74	WSU	0-80	0-78	0-78	0-80	
SP11-1A (13-5)	4/74	WSU	0-81	0-81	0-82	0-82	
SP12-1A (14-5)	4/74	WSU	0-80	3-78	3-78	0-79	
SP1-1B (4-6)	4/74	WSU	0-110	0-110	0-110	0-111	
SP2-1B (4-5)	4/74	WSU	0-105	0-104	0-103	0-105	
SP3-1B (5-4)	4/74	WSU	0-102	0-102	0-102	0-103	
SP4-1B (5-3)	4/74	WSU	0-102	0-99	0-100	0-101	
*SP5-1B (6-2B)	4/74	WSU	0-93	0-92	0-92	0-102	
SP6-1B (6-1)	4/74	WSU	0-75	0-73	0-75	0-75	
SP7-1B (7-E1A)	4/74	WSU	0-66	0-65	0-65	0-70	
SP8-13 (7-E1B)	4/74	WSU	0-70	0-68	0-68	0-72	
SP9-1B	4/74	WSU	0-67	0-66	0-65	0-68	
SP10-1B (8-E2)	4/74	WSU	0-62	0-62	0-62	0-66	
SP11-1B (8-E3A)	4/74	WSU	0-79	0-78	0-78	0-80	
SP12-1B (8-E3B)	4/74	WSU	0-75	0-75	0-75	0-78	
*SP13-1B (9-E4)	4/74	WSU	0-77	0-77	0-77	0-78	
SP14-1R	4/74	WSU	0-116	0-115	0-114	0-115	
*SP15-1B (10-E6)	4/74	WSU	0-126	0-125	0-125	0-127	
SP16-1B	4/74	WSU	0-129	0-129	0-129	0-129	
SP17-1B (11-E8)	4/74	WSU	0-122	0-119	0-119	0-120	
SP18-1B	4/74	WSU	0-133	0-133	0-134	0-135	
SP2-1C	4/74	WSU	0-87	0-87	0-87		
SP3-1C	4/74	WSU	0-94	0-94	0-94	0-95	
SP4-1C	4/74	WSU	0-95	0-95	0-97	0-97	
SP5-1C	4/74	WSU	0-112	0-107	0-107	0-108	
SP7-1C	4/74	WSU	0-112	0-111	0-110	0-113	
SP10-1C	4/74	WSU	0-122	0-121	0-122	0-122	
SP11-1C	4/74	WSU	0-108	0-107	0-108	0-108	
SP12-1C	4/74	WSU	0-109	0-107	0-109	0-110	
SP13-1C	4/74	WSU	0-97	0-96	0-97	0-97	

TABLE 8. Classification System for Geophysical Logs

No. of log types	Interval Logged (ft) 500 or more	300 to 499	150 to 299	Less Than 150
6 or more:	1	4	7	10
3 to 5:	2	5	8	11
1 or 2:	3	6	9	12

TABLE 9. Listing of Wells in Each Class Defined in Table 8

Class 1

699-SO-112A
699-10-3A
699-13-28
699-15-E13
699-15-15F
699-15-15G
699-48-48
699-44-70
699-48-48
699-48-49
699-49-86A
699-54-17D
699-114-127
699-117-10

Class 2

299-E17-6
699-S30-E15C
699-2-El4
699-6-2A
699-10-54B
699-16-E4
699-18-E8
699-24-46
699-37-43
699-43-104
699-48-42
699-49-48
699-49-86B
699-52-111
699-52-115
699-53-55B
699-54-37B
699-63-95

Class 3

199-B3-2
299-E13-20
299-W15-15
299-W19-4
299-W22-27
699-28-52
699-31-31
699-36-61B
699-36-93
699-38-65
699-50-85
699-53-105
699-65-50
699-67-86

Class 4

699-56-E4C

Class 5

199-H4-2
299-E13-1
299-E13-2
299-E13-3
299-E13-4
299-E13-5
299-E13-6
299-E13-7
299-E13-8
299-E13-9
299-E13-10
299-E13-11
299-E13-12
299-E13-13
299-E13-14
299-E13-15
299-E13-16
299-E13-17
299-E13-18
299-E13-19
299-E13-21
299-E16-2
299-E17-1
299-E17-2
299-E17-3
299-E17-4
299-E17-7
299-E17-8
299-E17-9
299-E17-10
299-E19-1
299-E24-1
299-E24-2
299-E24-4
299-E24-5
299-E24-8

TABLE 9. (Contd)

299-E24-9
299-E24-11
299-E24-12
299-E25-2
299-E25-3
299-E25-11
299-E25-12
299-E28-9
299-E28-12
299-E28-13
299-E28-14
299-E28-16
299-E28-17
299-E28-18
299-E28-19
299-E28-21
299-E33-12
299-W10-1
299-W11-19
299-W11-26
299-W15-6
299-W15-7
299-W15-11
299-W19-6
299-W19-10
299-W11-19
299-W22-22
299-W22-25
399-5-2
699-20-39
699-27-8
699-36-6?
699-38-70
699-40-1
699-40-62
699-45-69
699-46-21
699-49-100A
699-62-57
699-79-104

Class 6

299-E13-13
299-E17-5
299-E23-1
299-E23-2
299-E24-3
299-E24-7
299-E24-10
299-E25-14
299-E27-1
299-E27-3
299-E27-5
299-E28-1
299-E28-2
299-E28-3
299-E28-4
299-E28-5
299-E28-6
299-E28-7
299-E28-8
299-E28-10
2990E28-15
299-E28-20
299-E33-7
299-E33-10
299-W6-1
299-W11-3
299-W11-4
299-W11-5
299-W11-6
299-W11-7
299-W11-8
299-W11-10
299-W11-11
299-W11-12
299-W11-13
299-W11-14
299-W11-15
299-W11-16
299-W11-17
299-W11-18
299-W12-1
299-W18-1
299-W19-8
299-W21-1
299-W22-2
299-W22-10
299-W22-11
299-W22-12
299-W22-14
699-S11-E12A
699-SO-112B
699-1-18
699-2-33
699-10-E12
699-14-38
699-17-47
699-19-88
699-22-70
699-25-55

TABLE 9. (Contd)

699-25-70
699-26-89
699-28-40
699-31-53B
699-31-65
699-32-49B
699-32-49D
699-32-62
699-32-72
699-33-56
699-34-51
699-35-66
699-36-61A
699-37-82B
699-42-42
699-43-89
699-44-64
699-51-75
699-53-55A
699-54-17C
699-55-95
699-57-83
699-84-35
699-86-60

Class 7

699-8-17
699-8-25
699-63-92

Class 8

199-D5-12
299-E24-57
299-E24-58
299-E25-4
299-E25-5
299-E25-6
299-E25-7
299-E25-8
299-E25-9
299-E33-1
299-E33-2
299-E33-3
299-E33-4
299-E33-5
299-E33-6
299-E33-8
299-E33-11
299-E33-13
299-E33-14
299-E33-15
299-E33-16
299-E33-17
299-E33-18
299-E33-19
299-E33-20
299-E33-21
299-E33-22
299-E33-24
299-E33-25
299-E33-26
299-E33-27
299-E33-59
299-E34-1
299-W10-2
299-W10-3
299-W10-4
299-W11-1
299-W11-20
299-W11-21
299-W11-60
299-W11-63
299-W14-1
299-W14-2
299-W14-3
299-W14-4
299-W15-4
299-W15-9
299-W15-10
299-W15-63
299-W18-2
299-W18-6
299-W18-8
299-W18-10
299-W18-11
299-W18-12
299-W18-85
299-W18-86
299-W18-87
299-W18-88
299-W18-89
299-W19-2
299-W19-3
299-W19-5
299-W19-7
299-W22-1
299-W11-5
299-W22-6

TABLE 9. (Contd)

299-W22-13
299-W22-15
299-W22-16
299-W22-17
299-W22-18
299-W22-20
299-W22-21
299-W22-23
299-W22-26
299-W22-29
299-W22-30
299-W22-31
299-W22-32
299-W22-33
299-W22-34
299-W22-35
299-W22-36
299-W22-37
299-W22-38
299-W23-4
299-W23-8
299-W23-9
299-W23-10
299-W23-11
299-W26-3
699-S31-1P
699-S18-E2B
699-S14-20
699-S3-E12
699-3-45
699-8-32
699-11-45A
699-11-45C
699-14-47
699-15-E3
699-15-15A
699-15-26
699-16-E3
699-19-47A
699-24-33
699-26-15
699-32-70
699-34-88
699-35-78
699-37-82?
699-37-82D
699-39-39
699-39-79
699-40-33B
699-42-12?
699-43-42
699-47-46
699-47-60
699-48-51
699-48-71
699-49-57
699-49-79
699-50-30
699-50-53
699-51-47
699-52-48
699-53-51
699-54-42
699-54-57A
699-54-57B
699-55-44
699-55-57
699-55-76
699-55-89
699-56-43
699-59-80B
699-61-66
699-63-89
699-63-90
699-65-72
699-66-91
699-67-98

Class 9

299-E24-56
299-E24-59
299-E24-60
299-E25-1
299-E25-10
299-E25-5
299-E25-17
299-E25-18
299-E25-19
299-E25-20
299-E25-53
299-E25-54
299-E26-1
299-E26-2
299-E26-3
299-E26-4
299-E26-5
299-E26-7
299-E27-56
299-E28-54

TABLE 9. (Contd)

299-E28-55
299-E28-56
299-E28-57
299-E28-58
299-E28-59
299-E28-61
299-E32-1
299-E33-9
299-E33-23
299-E33-52
299-E33-55
299-E33-58
299-E33-60
299-E33-61
299-E33-67
299-E33-68
299-E33-69
299-E33-70
299-E33-72
299-E33-73
299-E33-74
299-E33-75
299-E33-78
299-E33-89
299-E33-132
299-E33-133
299-E33-134
299-W10-5
299-W10-56
299-W10-57
299-W10-83
299-W11-2
299-W11-9
299-W11-54
299-W11-55
299-W11-57
299-W11-58
299-W11-65
299-W15-1
299-W15-2
299-W15-3
299-W15-8
299-W15-64
299-W15-67
299-W15-102
299-W18-3
299-W18-4
299-W18-5
299-W18-7
299-W18-9
199-W18-56
299-W18-57
299-W18-58
299-W18-59
299-W18-66
299-W18-82
299-W18-83
299-W18-84
299-W18-93
299-W19-1
299-W22-4
299-W22-7
299-W22-8
299-W22-9
299-W22-28
299-W23-1
299-W23-2
299-W23-3
299-W23-5
299-W23-6
299-W23-7
299-W23-53
299-W23-56
299-W23-57
299-S6-E15
699-S12-29
699-10-54?
699-13-64
699-17-5
699-17-70
699-19-43
699-19-47B
699-19-51
699-19-58
699-20-82
699-22-55
699-25-51
699-27-47
699-28-49
699-28-55
699-30-47
699-30-51
699-30-55
699-32-49A
699-32-77
699-34-39
699-34-41
699-35-9
699-35-70
699-39-103

TABLE 9. (Contd)

699-45-42
699-49-100B
699-51-63
699-53-35
699-54-57?
699-55-70
699-59-58
699-61-55
699-67-51
699-65-59B
699-72-92
699-71-77
699-74-44
699-83-47

Class 10

699-60-60

Class 11

SP8-1A
SP9-1B
SP14-1B
SP16-1B
SP18-1B
SP2-1C
SP3-1C
SP4-1C
SP5-1C
SP7-1C
SP10-1C
SP11-1C
SP12-1C
SP13-1C
199-B4-2
199-D8-3
199-F5-1
199-F5-6
299-E24-53
299-E24-63
299-E28-60
299-E28-66
299-E33-71
299-E33-76
299-E33-90
299-W10-58
299-W10-62
299-W10-69
299-W10-70
299-W10-71
299-W10-75
299-W11-66
299-W11-68
299-W11-69
299-W11-70
299-W14-53
299-W15-62
299-W15-65
299-W15-66
299-W15-76
299-W15-77
299-W15-78
299-W15-82
299-W15-84
299-W15-85
299-W15-95
299-W18-94
299-W18-95
299-W18-96
299-W18-97
299-W18-98
299-W18-99
299-W22-67
299-W26-2
299-W26-4
299-W26-5
699-S30-15B
699-S24-19
699-S6-E4A
699-S6-E4E
699-1-1
699-2-1
699-4-1
699-4-5
699-4-6
699-5-2
699-5-3
699-5-4
699-6-1
699-6-2B
699-7-E1A
699-7-E1B
699-7-3
699-8-E2
699-8-E3A
699-8-E3B
699-9-3
699-9-E4
699-10-E6

TABLE 9. (Contd)

699-11-E8
699-11-4
699-12-4
699-13-5
699-14-5
699-42-12B
699-47-35B
699-48-18
699-49-28
699-53-47
699-54-45
699-55-40
699-55-50D
699-57-25B
699-57-29B
699-58-24
699-62-43A
699-62-43C
699-62-43E
699-62-43H
699-63-25A
699-64-27
699-65-95
699-66-103
699-68-105
699-71-30
699-71-52
699-72-73
699-72-88
699-72-98
699-72-36
699-77-54
699-81-58
699-87-55
699-89-35
699-96-49
699-97-43

Class 12

199-B4-3
199-B5-1
199-D2-5
199-F5-3
199-F5-4
199-F8-1
199-H3-1
199-H4-3
199-K-11
199-K-19
199-N-9
199-N-10
199-N-13
299-E13-51
299-E13-52
299-E24-54
299-E25-98
299-E27-51
299-E27-52
299-E27-54
299-E27-55
299-E27-57
299-E28-53
299-E28-64
299-E28-65
299-E28-69
299-E28-70
299-E28-71
299-E33-51
299-E33-53
299-E33-54
299-E33-56
299-E33-57
299-E33-62
299-E33-63
299-E33-64
299-E33-65
299-E33-66
299-E33-77
299-E33-84
299-E33-85
299-E33-86
299-E33-87
299-E33-88
299-E33-91
299-E33-135
299-E33-136
299-E33-137
299-E33-141
299-E33-142
299-E33-143
299-E33-145
299-E33-146
299-W10-51
299-W10-52
299-W10-53
299-W10-54
299-W10-59
299-W10-60
299-W10-61

TABLE 9. (Contd)

299-W10-63
299-W10-64
299-W10-65
299-W10-66
299-W10-67
299-W10-68
299-W10-72
299-W10-73
299-W10-74
299-W10-76
299-W10-77
299-W10-78
299-W10-79
299-W10-80
299-W10-81
299-W10-82
299-W11-51
299-W11-53
299-W11-56
299-W11-59
299-W11-61
299-W11-62
299-W11-64
299-W11-67
299-W14-51
299-W14-52
299-W15-68
299-W15-69
299-W15-72
299-W15-73
299-W15-74
299-W15-75
299-W15-79
299-W15-80
299-W15-81
299-W15-83
299-W15-86
299-W15-92
299-W15-94
299-W15-96
299-W15-101
299-W18-51
299-W18-52
299-W18-53
299-W18-54
299-W18-55
299-W18-64
299-W18-69
299-W18-71
299-W18-73
299-W18-74
299-W18-76
299-W18-78
299-W18-81
299-W19-53
299-W19-54
299-W19-70
299-W19-71
299-W22-60
299-W23-51
299-W23-52
299-W23-54
299-W23-55
299-W23-58
299-W23-59
299-W23-60
299-W23-61
299-W23-62
299-W23-64
299-W23-65
299-W23-66
299-W23-67
299-W23-68
299-W23-69
299-W23-70
299-W23-72
299-W26-1
399-1-1
399-1-2
399-1-3
399-1-4
399-3-1
399-3-3
399-4-1
399-4-7
399-5-1
399-6-1
399-8-1
399-8-2
399-8-3
699-S27-E14
699-S12-3
699-S8-19
699-S6-E4B
699-S6-E4D
699-S6-E4F
699-S6-E4G
699-S6-E4H
699-S6-E4J
699-2-3

TABLE 9. (Contd)

699-E-2
699-10-54A
699-11-45B
699-15-52
699-19-47C
699-20-20
699-29-78
699-32-42
699-41-23
699-48-7
699-49-13
699-49-55
699-50-19
699-50-42
699-51-36
699-53-55?
699-54-19
699-54-37?
699-57-29A
699-59-100
699-62-43G
699-62-43K
699-66-23
699-66-38
699-70-68
699-73-61
699-74-48
699-78-62

TABLE 10. Number of Wells in Each Classification Defined in Table 8

Class	No. of Wells
1	16
2	21
3	14
4	1
5	75
6	83
7	3
8	144
9	133
10	1
11	116
12	188
Total	795

TABLE 11. Cross Reference List for Well Names

Old Name	New Name
DB-1	2E-14
DB-2	15-E13
DB-11	49-100A
DB-12	63-95
DB-14	25-80
DB-15	48-42
DC-1	48-49
DC-2	48-48
DC-3	44-70
DC-4	49-86B
DC-5	49-86A
DC-6	54-170
DC-7	15-15F
DC-8	15-15G
DC-12	10-54B
DDH-1	49-48
DDH-3	S30-E15C
DH-2	SO-112B
DH-4	117-10
DH-5	114-127
RSH-1	SO-112A
B-35	13-28
8-36	10-3A
BH-137	6-2A
BH-139A	16-E14
BH-143	18-E8
BH-144	15-E3
BH-145	18-E3
SP-1A	1-1
SP-2A	2-1
SP-3A	4-1
SP-4A	5-2
SP-5A	6-2C
SP-6A	7-3
SP-7A	8-3
SP-9A	11-4
SP-10A	12-4
SP-11A	13-5
SP-12A	14-5
SP-1B	4-6
SP-2B	4-5
SP-3B	5-4
SP-4B	5-3
SP-5B	6-2B
SP-6B	6-1
SP-7B	7-E1A

TABLE 11. (contd)

Old Name	New Name
SP-8B	7-E1B
SP-10B	8-E2
SP-11B	8-E3A
SP-12B	8-E3B
SP-13B	9-4E
SP-15B	10-E6
SP-17B	11-E8

TABLE 12. Wells Not Located on Maps

Rockwell's new wells:	DC-15 DC-15 51-47 52-48 53-51
Wells too far west for this map:	39-103 43-104 52-11 52-115 53-103 59-100 66-103 68-105 114-127 117-10
Old wells abandoned or nearly forgotten	S2-1-El4 S6-E15 15-52 19-51 22-55 25-51 28-49 30-47 30-51 30-55 32-49 48-51

Note: 200 Area wells that do not hit water are not located on any map
300 Area wells are not located on a map either

TABLE 13. Geophysical Logs for Deep Holes DC-15 and DC-14

Well Name	Date(s)	Logging Company	Gamma Gamma	Neutron Epith Neutron	Natural Gamma	Caliper	Sonic	SP&R
DC-15	1/80	Battelle	0-310	0-320	0-310	0-310	0-310	200-310
	1/80	Battelle	200-500	200-500	200-500	200-500		230-500
	1/80	Battelle	430-630	440-630	440-630	420-630	300-630	430-630
	3/80	Battelle	580-790	580-790	580-780	660-780		660-780
	3/80	Battelle	720-1070	720-1070	730-1070	720-1070	660-1060	720-1060
	4/80	Battelle	1010-1190			1000-1190		1010-1190
DC-14	3/80	Battelle				760-920	700-920	770-910
	1/80	Battelle			360-540			360-540
	2.80	Battelle				360-720	480-740	580-740
	3/80	Battelle				870-990		890-920

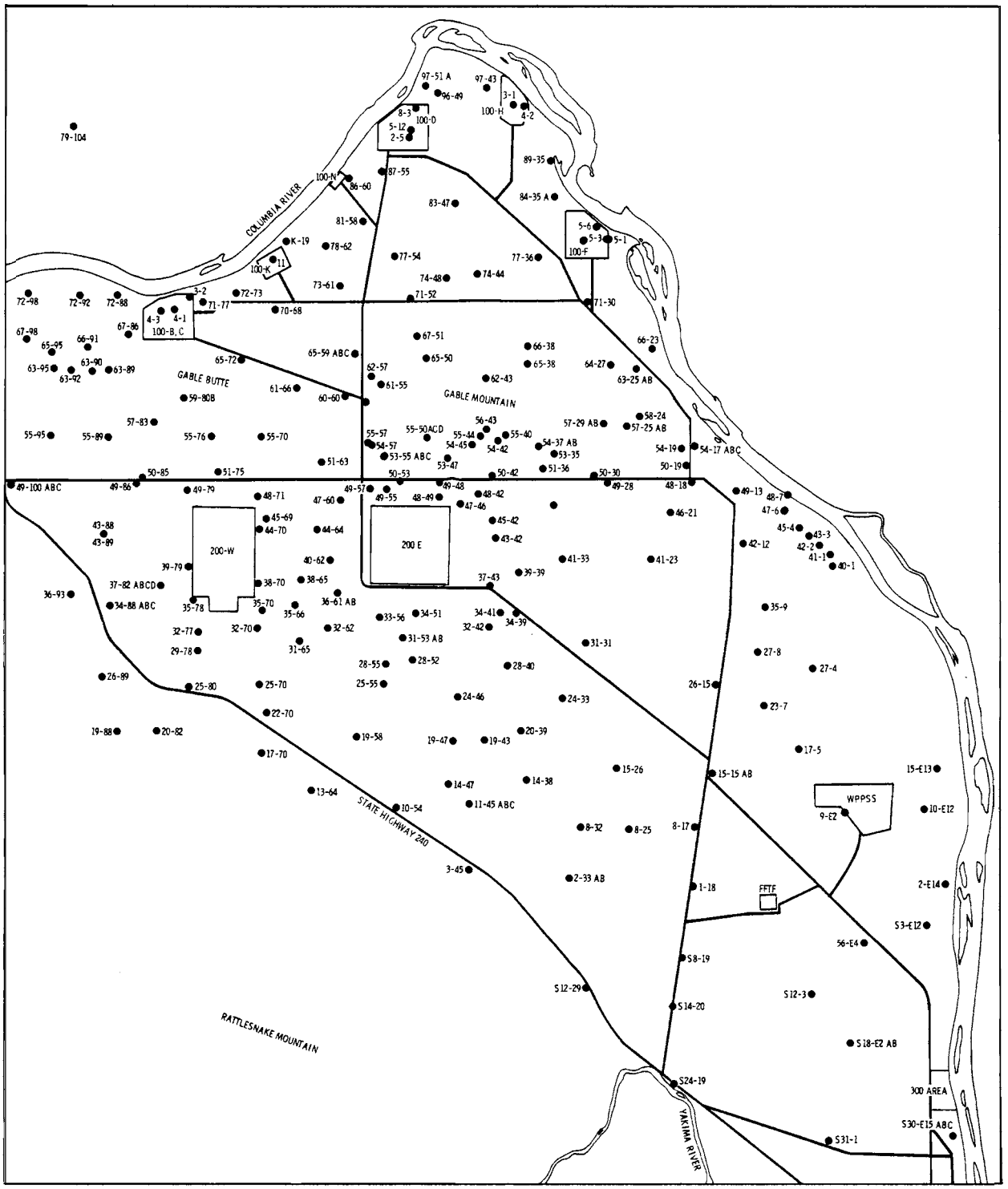

FIGURE 1. Locations of Wells in the 100 Areas

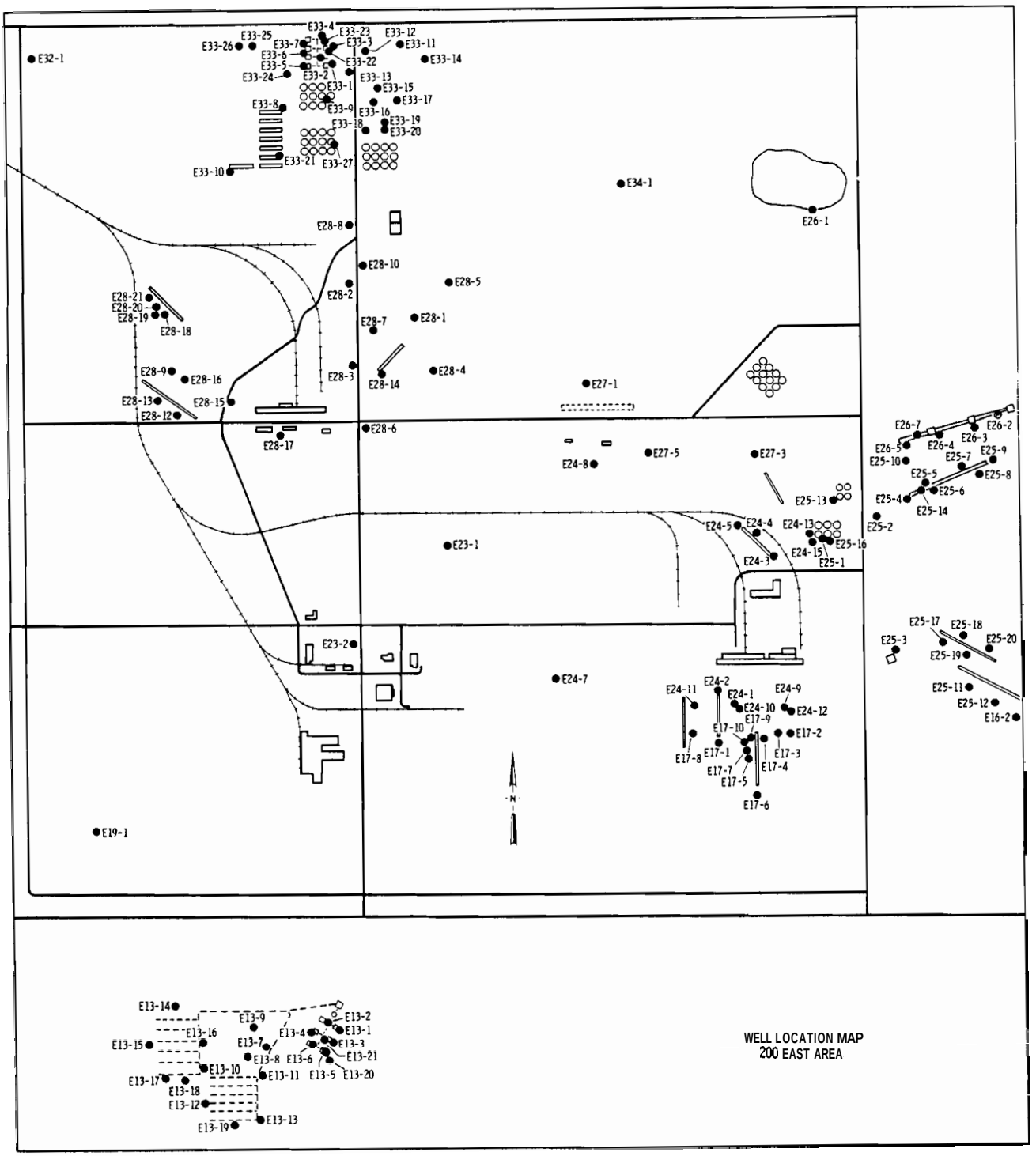

FIGURE 2. Locations of Wells in the 200 East Area

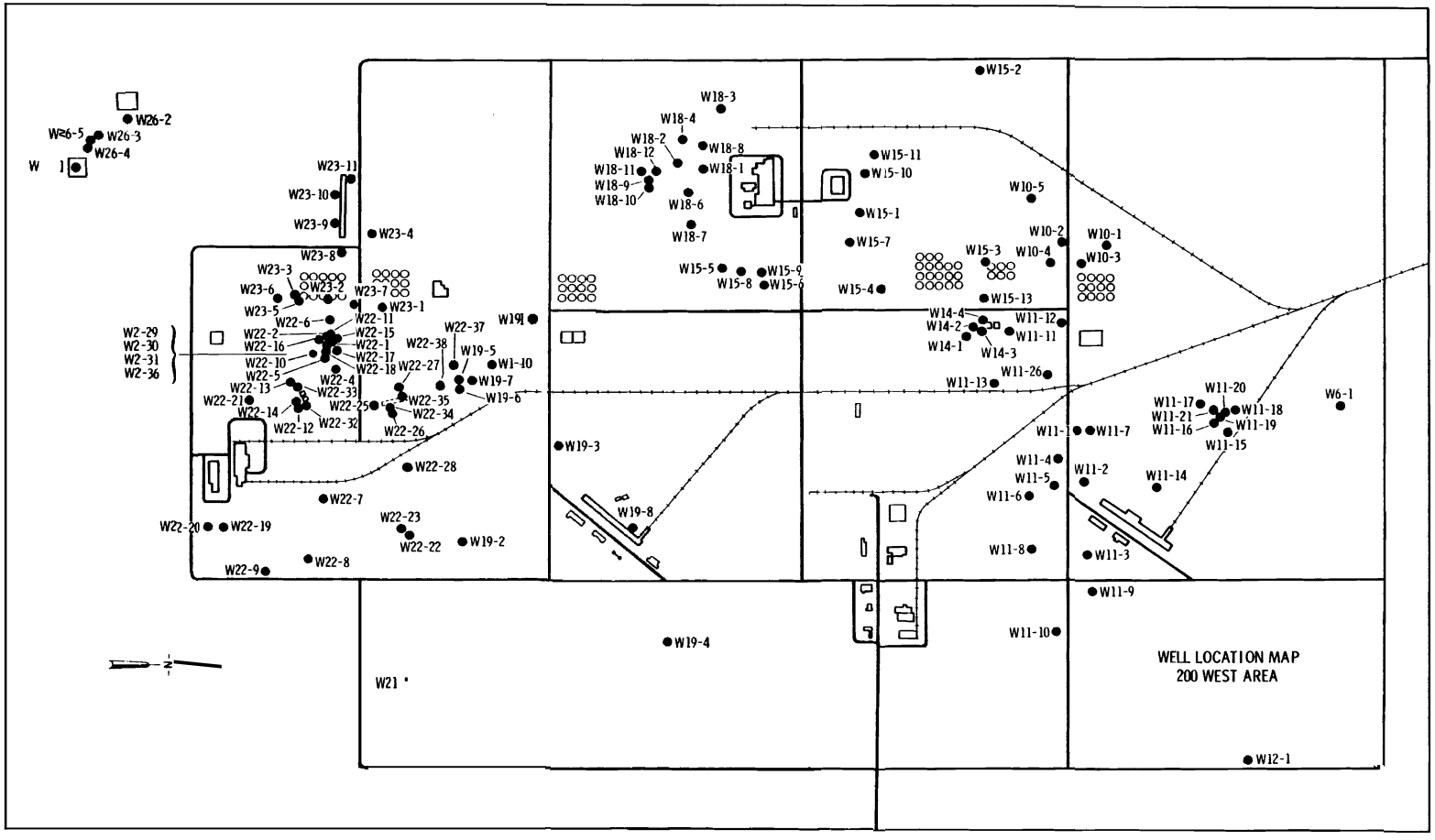

FIGURE 3 Location of Wells in the 200 West Area

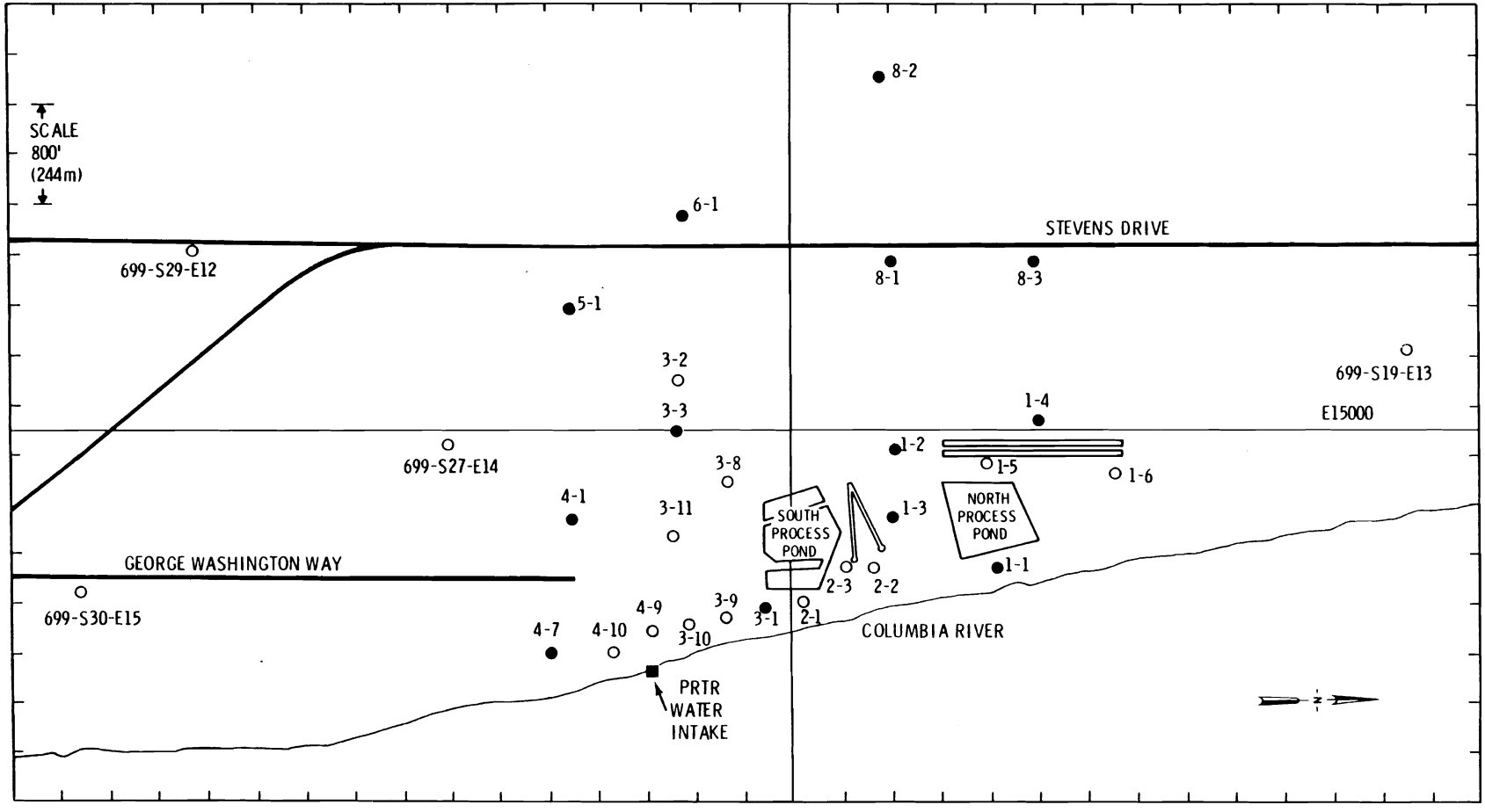

FIGURE 4. Locations of Wells in the 300 Area

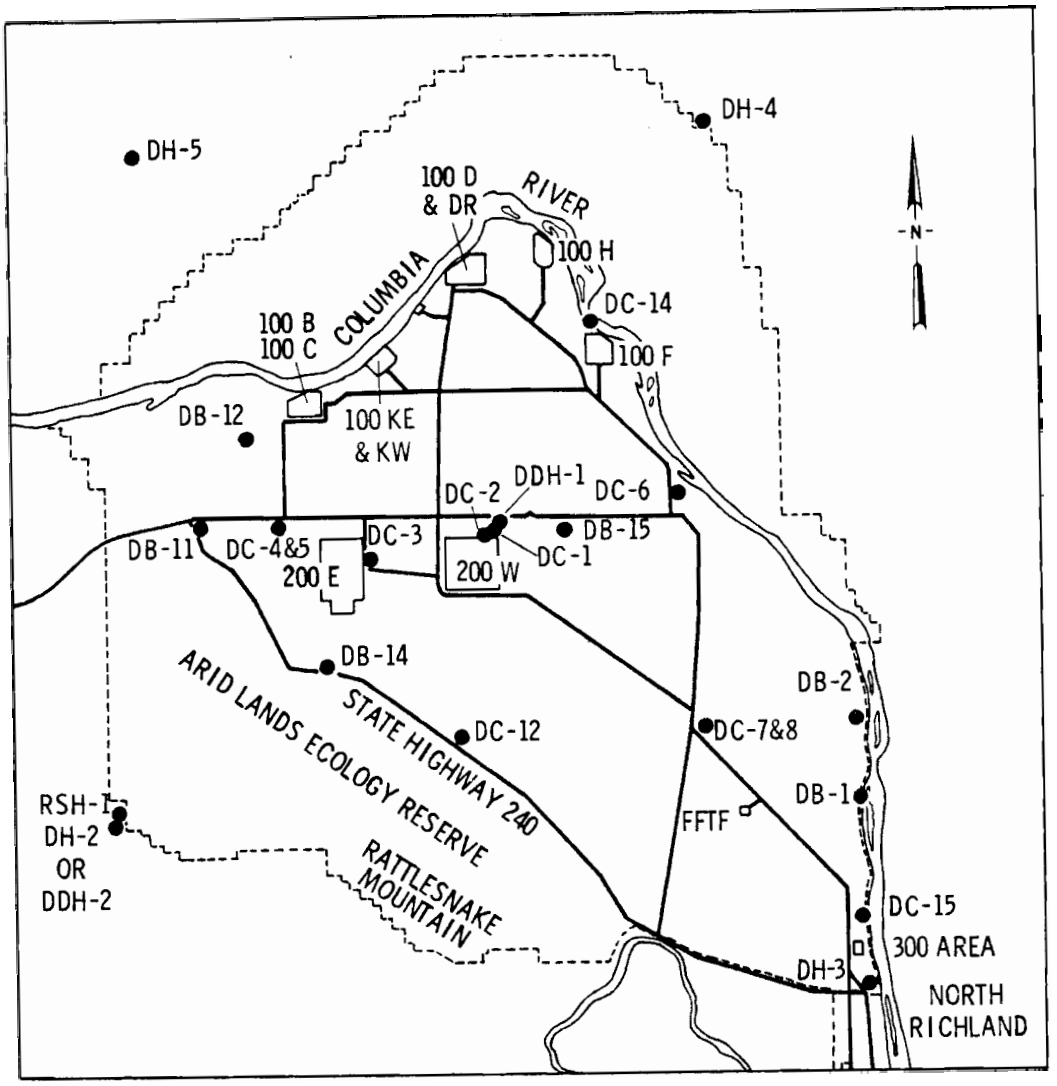

FIGURE 5. Locations of Wells in the 600 Area

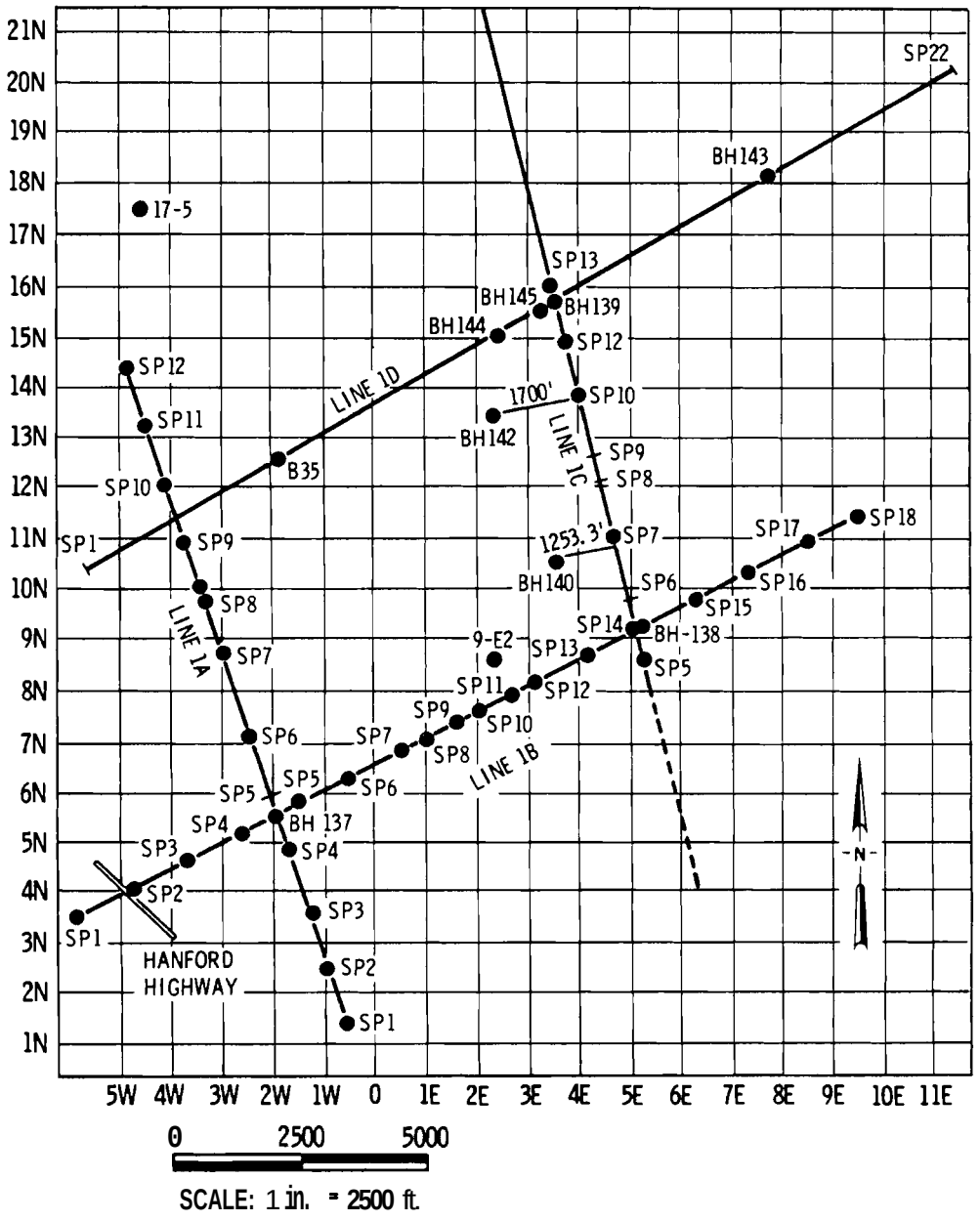

FIGURE 6. Locations of **Wells** at the WPPSS No. 2 Site

APPENDIX

WELL NUMBERING SYSTEM

APPENDIX

WELL NUMBERING SYSTEM

Well structures are identified by the number 99. The rest of the number designating a specific well is established mainly by its location on the plant. The designation includes three groups of symbols. The first group consists of the number 99 preceded by a number identifying the area in which the well is located. Example: 199, 299, 399, 699, 1199, 3099.

100 AND 200 AREAS

Wells located in the 100 and 200 Areas are further identified in the second group of symbols according to the designation of the particular area (E, W, B, O, K, F, H, N), followed by the number of the sheet map encompassing that portion of the area in which the well is located. The sheet maps are shown on official second level maps for each area. Example: The first two-symbol groups for a well located within the area described by Sheet Map 24 of the 200-E Area would be 2990-E24-. The 100-K Area and the 100-N Area second level maps are not further divided into sheet maps so the second group of symbols for these areas is simply "K" and "N". The third-symbol group in the well number identifies the specific structure within the sheet map area. In some cases the numbering system is arbitrary; but where practical, numbers were chosen in accordance with a previous numbering system. For example, the well formerly designated 361-B-6 now has the number 299-E28-6.

Some of the monitoring wells in the 200 Areas are dry wells, i.e., wells that do not extend to the water table. These have been differentiated from deeper wells by numbering all of the shallow wells with the third-group numbers greater than 50. In some cases wells have been designated with 200 and 200 Area numbers even though they are actually located outside the area fence. These structures are monitoring wells adjacent to ground disposal facilities that are located outside the area. Monitoring wells adjacent to the BC-Cribs are examples of this situation.

300 AREA

Wells in the 300 Area are designated in a manner similar to that described for the 100 and 200 Areas. The single difference occurs in the second symbol group in which no area designation is given, but which consists simply of the 300 Area sheet map number.

600 AREA

The 600 Area includes all of the Hanford Site outside the limited access areas. Well numbers in this area are prefixed by 699. The second and third groups of numbers of 600 Area wells consist of the north and west plant coordinates, respectively, rounded off to the nearest 1000 ft. For example, a well located at plant coordinates, W14554 would be designated 699-26-15. If the well is located south or east of the plant coordinate origin, an S or E is used with the appropriate number. Some 600 Area wells are located within 1000 ft of each other; these have leters (A, B, C, etc.) following the numbers for unique identification. A few wells located outside of the Hanford Site boundaries have also been given 600 Area designations.

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