

STATE OF OHIO  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF GEOLOGICAL SURVEY  
Horace R. Collins, Chief

Information Circular No. 35

**SUBSURFACE INFORMATION CATALOG,  
1963-1967**

Compiled by  
Frederick B. Safford

Columbus

1969



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This is the second in a series of supplements to the "Subsurface Information Catalog," Information Circular 31. This supplement includes data on geophysical logs, well cuttings, cores, core chips, and sample descriptions which have been added to the files of the Subsurface Section of the Division of Geological Survey from June 30, 1963, through December 31, 1967.

ABBREVIATIONS

<i>LAND DIVISION</i>		<i>SYSTEM REACHED</i>	
Allot.	<i>Allotment</i>	Penn	<i>Pennsylvanian</i>
C	<i>Center</i>	Miss	<i>Mississippian</i>
Fr.	<i>Fractional</i>	Dev	<i>Devonian</i>
Q	<i>Quarter</i>	Sil	<i>Silurian</i>
Sec.	<i>Section</i>	Ord	<i>Ordovician</i>
Tr.	<i>Tract</i>	Camb	<i>Cambrian</i>
VMSL	<i>Virginia Military Survey Lot</i>	PE	<i>Precambrian</i>

GEOPHYSICAL LOGS

Cal	<i>Caliper</i>	L	<i>Laterolog</i>
CB	<i>Cement bond</i>	M	<i>Microlog</i>
CC	<i>Casing collar</i>	ML	<i>Microlaterolog</i>
CT	<i>Cement top</i>	P	<i>Porosity</i>
D	<i>Density</i>	Pf	<i>Perforating</i>
DM	<i>Dip meter</i>	S	<i>Sonic</i>
Gd	<i>Guard</i>	T	<i>Temperature</i>
GR	<i>Gamma ray</i>	Tr	<i>Tracer</i>
GRN	<i>Gamma ray-neutron</i>	V	<i>Velocity</i>
I	<i>Induction</i>		

SAMPLE LOGS

CD	<i>Core description</i>
SD	<i>Sample description</i>

SAMPLE TYPE

Ch	<i>Core chips</i>
Cut	<i>Well cuttings</i>
IR	<i>Insoluble residues</i>

ADAMS—ATHENS COUNTIES

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth (ft)	System reached	Date compl.	Information on file					
											Geophysical logs		Samples			
											Type	Maximum range (ft)	Type	Log		
4	2030	Adams	Jefferson	VMSL 2662	Cabot	1-A	Batley	3790	PC	1964	GRN, Cal, D, I	50	3789	Cut	Log	1760
5	1858		Monroe	VMSL 4040	Commonwealth	1	Covert	3839	PC	1965	GRN, Cal, D, I, M	20	3828	Cut		1400
6	1973		Monroe	VMSL 1622	Bentz	1	Hughes	2040	Camb	1966	GRN, Cal, D	50	2033	Cut	SD	0
65	2093	Allen	Richland	Sec. 26	Terrill	1	Johnson	2878	Camb	1967				Cut	SD	598
2214	1209	Ashland	Clear Creek	Sec. 3	Floto	1	Troxel	4262	Camb	1964	GRN, Cal, D, L, S	30	4256	Cut		410
2352	1590		Clear Creek	Sec. 3	Floto	2	Troxel	4310	Camb	1965				Cut		250
2382	1835		Clear Creek	Sec. 3	Floto	3	Troxel	4343	Camb	1965				Core		4218
2290	1337		Clear Creek	Sec. 4	Floto	1	Gregg	4434	Camb	1964	GR, S	10	4428	Cut		100
2259	1290		Clear Creek	Sec. 10	Huron	1	Luteman	4535	Camb	1964	GRN, Cal, D, I, M	100	4533	Cut		300
2448			Jackson	Sec. 6	Hoagland	1	Stentz	2943	SI	1966	GRN	0	2942			
2449			Jackson	Sec. 7	Hoagland	1	Welch	2955	SI	1966	GRN	1600	2951			
1332			Jackson	Sec. 21	Rumbaugh	1	Rumbaugh	2920	SI	1956	GRN	100	2919			
2419			Lake	Sec. 11	M & G	1	Long	3045	SI	1965	GR, D	2487	3042			
2355	1545		Mohican	Sec. 7	Kingwood	1	Allen	4840	Camb	1965				Cut		100
2289	1417		Orange	Sec. 20	Floto	1	Shoppell	4647	Camb	1964	GR, S	0	4634	Cut		2210
2574	2006		Orange	Sec. 35	Sunshine	1	Jones	4834	Camb	1967	GRN, Cal, D, I	100	4833	Cut		2480
2387	1877		Ferry	Sec. 11	M & G	4	Cehrs	5170	Camb	1965	GRN	2460	5140	Cut		0
2292	1343		Ruggles	Lot 26 (3Q)	Null & Covey	1	Ringler	4253	Camb	1964				Cut		430
1787	913		Ruggles	Lot 41 (4Q)	Dalton & Hanna	1	Clouser	4445	Camb	1960	GR, T	3430	4433	Cut		3755
2309	1563		Ruggles	Lot 41 (4Q)	Keillor & Clark	1	Crail	4334	Camb	1964	GRN	100	4333	Cut		0
206	2138	Ashtabula	Andover	Lot 38 (4Q)	McConnell	1	French & Papp	6661	Camb	1967	GRN	100	6661	Cut		530
118			Conneaut	Lot 27 (3Q)	James	1	Walla	3078	SI	1961	GR, Cal, T	2460	3073			
189			Conneaut	Lot 32 (4Q)	James	1	Schor	3169	SI	1964	GRN, Cal, CC, D, L, Pf	30	3166			
190			Conneaut	Lot 32 (4Q)	James	2	Schor	3072	SI	1965	GR, D	2750	3070			
196	1941		Harpersfield	Lot 35 (1Q)	Horizon	1-H	Burkholder	6200	Camb	1966	GRN, Cal, D	100	6199	Cut		1500
28	2008		Monroe	Lot 7 (2Q)	McConnell	1	Walker	3151	SI	1958				Cut		900
152			Monroe	Lot 8 (1Q)	James	1	Eberling	3163	SI	1962						
187			Monroe	Lot 21 (4Q)	Union Carbide	1	Berz	3377	SI	1965	GRN, Cal, CC, D, L, Pf	2000	3159			
188			Monroe	Lot 22 (3Q)	Union Carbide	1	Fazzenbacker	3417	SI	1964	GRN, CB, Cal, CC, D, L, Pf	100	3399			
185			Monroe	Lot 22 (3Q)	Union Carbide	1	Tuttle	3417	SI	1964	GRN, Cal, D, L	30	3372			
186			Monroe	Lot 23 (3Q)	Union Carbide	1	Tuttle	3422	SI	1964	GRN, Cal, CB, D, L	100	3400			
73	818		Monroe	Sec. 1	McConnell	2	Brydle	5710	Camb	1959	GRN, CC, L, ML, Pf, V	176	3203	Cut		70
59			Monroe	Sec. 2	Felmont	2	Burakowski	3254	SI	1959	GRN, T	2900	3260			
196			Monroe	Sec. 11	Union Carbide	1	Richards	3355	SI	1966	GRN, Cal, D, I	20	3353			
183			Monroe	Sec. 12	Union Carbide	2	Hunphrey	3257	SI	1964	GRN, D, L	100	3260			
199			Monroe	Sec. 12	Union Carbide	2	Smak	3268	SI	1966	GRN, Cal, D, I	0	3268			
193	1833		Pierpont	Lot 60 (2Q)	East Ohio	1	Brayman	6916	PC	1965	GRN, Cal, D	3250	6915	Cut		2005
191	1880		Trumbull	Lot 30 (1Q)	Horizon	1-H	Rhoa	6750	PC	1965	GRN, Cal, D, I, L, S	100	3522	Cut		20
1662		Athens	Ames	Sec. 1	Reliance	1	Sheridan	1556	Miss	1967	GRN, CC	1200	1539			
1649	2024		Ames	Sec. 1	Reliance	1	Ziegler	1571	Miss	1967	GRN, CC, Pf	1300	1564	Cut		285
1657			Ames	Sec. 1	Reliance	2	Ziegler	1510	Miss	1967	GRN, CC, Pf	1200	1492			
1468			Ames	Sec. 2	Reliance	1	Burk	1664	Miss	1963	GRN, CC, Pf	1450	1652			
1450			Ames	Sec. 2	Reliance	2	Starlin	1668	Miss	1963	GRN, CC, Pf	1300	1666			
1451			Amés	Sec. 2	Reliance	3	White	1563	Miss	1963	GRN, CC, Pf	1300	1561			
1509			Ames	Sec. 16	Mihelic	3	Skwell	1640	Miss	1964	GRN, CC, Pf	0	1631			
1504			Ames	Sec. 16	Mihelic	3	Skinner	1647	Miss	1964	GRN, CC, Pf	0	1645			
1569			Bern	Sec. 23	Bern	1	Black Diamond	1612	Miss	1966	GRN, CC, Pf	1400	1611			
1588			Bern	Sec. 23	Homer	2	Black Diamond	1773	Miss	1966	GRN, D	1500	1760			
1595			Bern	Sec. 23	Homer	4	Black Diamond	1753	Miss	1966	GRN	1500	1737			
1643			Bern	Sec. 23	Homer	5	Black Diamond	1769	Miss	1967	GRN, CC, Pf	1500	1756			
1565			Bern	Sec. 25	Midwest	1	Brawley	1784	Miss	1966	GRN, CC, D, Pf	0	1768			
1593			Bern	Sec. 25	Midwest	1	Parmiter	1767	Miss	1966	GRN, Cal, CC, D, I, Pf, T	0	1766			
519			Bern	Sec. 26	Midwest	1	Hines	1748	Miss	1966	GRN, Cal, CC, D, I, Pf, T	0	1747			

ATHENS-CARROLL COUNTIES

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file						
											Geophysical logs		Samples				
											Maximum range	Type	Log	Range			
1585		Athens	Bern	Sec. 26	Midwest	1	Linscott	1694	Miss	1966	GRN, Cal, D, I, T	0	1693				
1568		(continued)	Bern	Sec. 26	Midwest	5	Marquis	1485	Miss	1965	GRN, Cal, D	1100	1463		CD		
1447			Bern	Sec. 32	Midwest	2	Antle	1875	Miss	1963	GRN, CC	0	1675				
1434			Bern	Sec. 32	Midwest	1	Fleming	1668	Miss	1963	GRN, D	0	1667				
1567			Bern	Sec. 32	Midwest	4	Marquis	1680	Miss	1965	GRN, Cal, CC, D, Pf	0	1693				
1477			Bern	Sec. 32	Midwest	1	Vernon	1661	Miss	1963	GRN, CC, Pf	10	1656				
1453			Bern	Sec. 33	Midwest	3	Antle	1470	Miss	1963	GRN, CC, Pf	0	1454				
1467			Bern	Sec. 33	Reliance	1	Campbell	1408	Miss	1963	GRN, CC, Pf	1100	1405				
1444			Bern	Sec. 33	Reliance	2	Kasler	1380	Miss	1963	GRN, CC, Pf	1000	1372				
1498	1855		Bern	Sec. 33	Reliance	2	Kasler	1450	Miss	1964	GRN, CC, Pf	1250	1449	Cut	0	1415	
1594			Canaan	Sec. 2	Saratoga	1	Galloway	1461	Miss	1966	GRN, CC, Pf	0	1449				
1553			Canaan	Sec. 2	Lawson	1	Lawson	1446	Miss	1965	GRN, CC, D, Pf	1232	1423				
1817			Canaan	Sec. 2	Saratoga	1	Storer	1460	Miss	1966	CC, Pf	0	1428				
713			Canaan	Sec. 2	Saratoga	3-B	Storer	1552	Miss	1967	GR, Cal	0	1551				
1578	1946		Canaan	Sec. 3	Saratoga	1	Hines	1717	Miss	1966	GRN	0	1693	Cut	1558	1686	
1630			Canaan	Sec. 3	Saratoga	1-B	Hines	1474	Miss	1966	GRN, CC, Pf	0	1441				
1600			Canaan	Sec. 3	Saratoga	2	Hines	1711	Miss	1966	GRN, CC, Pf	0	1687				
1634			Canaan	Sec. 3	Saratoga	1-B	Storer	1674	Miss	1966	GRN, CC, Pf	0	1649				
974			Canaan	Sec. 3	Saratoga	2-B	Storer	1650	Miss	1966	GRN, Cal	0	1584				
1582			Canaan	Sec. 4	Sartorius	2	Britton	1680	Miss	1966				Cut	1540	1650	
1559			Canaan	Sec. 4	Sartorius	1	Sutton	1568	Miss	1965	GRN, D	0	1560				
1558			Canaan	Sec. 5	Johnson	2	Lucas	1058	Miss	1965	GRN, Cal	850	1036				
1827			Carthage	Sec. 36	Bever	1	Lawson	1635	Miss	1966	GRN, D	1402	1594				
1645	2014		Lodi	Fr. sec. 2	An-Car	1	Weisenbach	1685	Miss	1967	GR, Cal, D	0	1796				
1615			Lodi	Sec. 4	Ohio East	1	Flanders	1797	Miss	1966							
1614			Lodi	Sec. 5	Ohio East	2	Kayser	1872	Miss	1966	GRN, D	1338	1870				
1557			Rome	Sec. 22	Meredith	2	Skinner	1540	Miss	1967	GRN, CC, Pf	750	1512				
1539	1634		Rome	Sec. 29	Sartorius	1	Copeland	1571	Miss	1965				Cut	87	1571	
1636			Rome	Sec. 33	Sartorius	1	Parsons	1721	Miss	1967	GRN, CB, CC, Pf	682	1678				
1470			Rome	Sec. 33	Bern	2	Seel	1668	Miss	1963	GRN, CC	1450	1669				
1528			Rome	Sec. 34	Johnson	1	Brozak	1651	Miss	1965	GRN, D, T	768	1626				
1534			Rome	Sec. 34	Johnson	1	Deeter	1640	Miss	1965	GRN, D, T	430	1628				
1533			Rome	Sec. 34	Bern	1	Linscott	1694	Miss	1965	GRN, CC, D, Pf, T	1492	1682				
1618			Rome	Sec. 34	Homer	2	Linscott	1636	Miss	1966	GRN, CC, Pf	1400	1635				
1535			Rome	Sec. 34	Johnson & Tabor	1	Poston	1648	Miss	1965	GRN, D, T	842	1636				
1577	1947		Rome	Sec. 34	Saratoga	1	Poston	1594	Miss	1966	GRN, CB, CC, Pf	0	1572				
1543			Rome	Sec. 34	Bern	3	Seel	1734	Miss	1966	GRN, CC, D, Pf, T	1542	1723				
1599			Rome	Sec. 35	Johnson & Tabor	3	Lucas	1738	Miss	1966	GRN, CC, D, Pf	1492	1732				
1572			Rome	Sec. 36	Dusty	1	Docle	1738	Miss	1965	GRN, CC, Pf	1200	1723				
1548	1667		Troy	Sec. 17	Tower	1	Brandeberry	1651	Miss	1965				Cut	174	1842	
1431	1077		Waterloo	Sec. 16	El Paso	1	Kisor	3874	Silt	1963	GRN, Cal, CC, CT, D, L, Pf	100	3871				
1513			Waterloo	Sec. 25	Law	2	Sickeles	1115	Miss	1965	GRN, CC, Pf	950	1111				
1515			Waterloo	Sec. 25	Law	4	Sickeles	1107	Miss	1965	GRN, CC, Pf	950	1106				
44		Auglaize	Goshen	VMSL 12276	Teeters	1	Gollday	1960	Camb	1964	GRN	0	1959				
41			Goshen	VMSL 12276	Fryer	1	Meyers	1950	Camb	1964	GRN, D	1342	1840				
51			Goshen	VMSL 10695	Soho	1	Neckell	1710	Ord	1964	I	315	1709				
239		Belmont	Wayne	Sec. 31	Griffith	1	Harper	2059	Miss	1967	GRN, D, T	1492	2047				
4	2012	Butler	Lemon	Sec. 8	Armco	1	Armco	3286	PC	1967	GRN, Cal, CB, D, I, T	100	3296	Cut	SD, CD	410	3295
286	2027	Carroll	Brown	Sec. 36	Stocker & Sitter	1	Clark	8823	Camb	1967	GRN, D	0	5527				
287			Rose	Sec. 3	Stocker & Sitter	1	Ramsey	5528	Ord	1967		0	5527	Cut	20	8823	
289			Rose	Sec. 26	MB	1	James	5314	Ord	1967	GRN, CC, Pf	4500	5277				

CARROLL-COSHOCTON COUNTIES

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information				
											Geophysical logs		Samples		
											Type	Maximum range	Type	Log	
279		Carroll (continued)	Rose	Sec. 27	MB	1	Lindentree	5205	Ord	1967	GRN	4450	5202		
243			Rose	Sec. 30	Stocker & Sittler	1	Sweany, Newhouse	5130	Ord	1966	GRN	0	5127		
296			Rose	Sec. 32	MB	1	James	5213	Ord	1967	GRN, CC, PI	4450	5178		
234			Rose	Sec. 36	Stocker & Sittler	1	Nofsinger	5099	Ord	1966	GRN, Cal, D	20	5091		
239			Rose	Sec. 36	Stocker & Sittler	2	Nofsinger	5050	Ord	1966	GRN, Cal, D	0	5043		
10	1814	Champaign	Goshen	Sec. 22	R. I. G.	1	Shultz	2763	Camb	1966	GRN, Cal, D	100	2672	Cut	302
2	1218		Johnson	VMSL 6349	Ropp	1	Hodges	3325	Camb	1964	GRN, Cal, D	100	3323	Cut	620
13	2077		Salem	Sec. 9	Teeters	1	Vaughn	1963	Camb	1967	GR, D	0	1953	Cut	30
12			Salem	Sec. 25N	R. I. G.	1	Deweiler	1971	Camb	1966	GRN	0	1962		
11	1815		Salem	Sec. 25N	R. I. G.	1	McCandless	2719	Camb	1966	GRN, Cal, D	100	2718	Cut	110
3		Clark	Union	VMSL 5596	Kelly	1	Yocum	2252	Camb	1964	GRN				
7			Wayne	VMSL 1118	Kelly	1	Triad	2085	Camb	1964	GRN				
5			Wayne	VMSL 4516	Brandeberry	1	Black	2178	Camb	1964	GRN	1350	2178		SD
3	1229		Harmony	Sec. 3	Hodges	1	Elcamere	3570	PC	1964	GRN	1000	3572	Cut	440
4	1277		Pleasant	VMSL 6343	Capital City	1	Knox	2203	Camb	1964	GRN			Cut	200
539		Columbiana	Hanover	Sec. 10	Atlas	1	Batzli	5925	SH	1962	GRN, L, S	15	5917		
548			Hanover	Sec. 15	Kin-Ark, East Ohio	2	Batzli	5985	Ord	1964	GRN, Cal, D, L	0	5968		
559	1970		Hanover	Sec. 34	East Ohio	1	Burrows	8970	Camb	1966	GRN, Cal, D	100	6014	Cut	0
573			Knox	Sec. 4	West. Hydrocarbons	1	Grange	5280	SH	1967	GRN, D	0	5266		8960
560			Knox	Sec. 5	Betz	1	Bandy	5245	SH	1966	GRN, Cal, D, T	0	5244		
554		Coshocton	Knox	Sec. 5	Betz	1	Israel	5232	SH	1966	GR, D, T	3000	5232		
556			Knox	Sec. 6	West. Hydrocarbons	1	Karlon	5321	SH	1966	GRN, Cal, T	3100	5296		
584			Knox	Sec. 8	Tri-State	1	Dye	5343	SH	1967	GRN, D	3200	5342		
586			Knox	Sec. 8	Tri-State	1	Klopfenstein-Cameron	5371	SH	1967	GRN, CC, D, PI	3200	5360		
587			Knox	Sec. 8	Tri-State	2	Klopfenstein-Cameron	5450	SH	1967	GR, Cal, CC, CT, PI	3250	5368		
1727		Coshocton	Clark	Lot 1 (2Q)	Midwest	1-C	Reed	3392	SH	1965	GRN, CC	100	3391		
1870			Clark	Lot 1 (2Q)	Midwest	3	Reed	3429	SH	1967	GRN, CC, PI	3000	3422		
1851			Clark	Lot 2 (2Q)	Midwest	2	Foreman	3586	SH	1967	GRN, CC, PI	500	3579		
1804			Clark	Lot 3 (2Q)	Midwest	1-C	Eppley	3525	SH	1967	GRN, CC, PI	2200	3523		
1857			Clark	Lot 3 (2Q)	Midwest	2	Eppley	3500	SH	1967	GRN, CC, PI	100	3496		
1793		Coshocton	Clark	Lot 14 (2Q)	Midwest	1	Scheibe	3478	SH	1966	GRN, CC	100	3465		
1825	1963		Crawford	Sec. 4	Kin-Ark	1	Cox	6700	Camb	1966	GRN, Cal, D, I	0	6699	Cut	500
1583	1539		Jefferson	Sec. 9	Jacobs	1	Bates	3402	SH	1963	GR, CC, PI	3050	3335	Cut	255
1813			Newcastle	Sec. 9	Oxford	1	Barrett	3335	SH	1966	GRN, CC, PI	2100	3253		
1811			Newcastle	Sec. 9	Tatge	1	Goodman	3256	SH	1966	GRN, CC, PI	2800	3109		
135		Coshocton	Perry	Sec. 6	Kunze-Hulse	2	McCammer	3109	SH	1937	GR, Cal, CC	3000	3066		
974			Perry	Sec. 16	Preston	1	McCammer	3309	SH	1965	GR, Cal, D	10	2972		
1818			Pike	Sec. 6	Pennoco	2	Ashcraft	2973	SH	1966	GRN	3000	3297		
1837			Pike	Sec. 8	Collins	1	Moore	3347	SH	1966	GRN, D	3000	3347		
1844	1988		Pike	Sec. 11	Hoosier	1	Graham	3356	SH	1967	GRN	2450	2890	Cut	1011
1781		Coshocton	Pike	Sec. 12	Basore	2	Lake	3311	SH	1967	GRN	100	3310		
1868			Pike	Sec. 15	Pennoco	1	Robinson	3103	SH	1967	GRN, CC, PI	2400	3090		
1566			Pike	Sec. 17	Reliance	1	Ashcraft	3232	SH	1963	GRN, CC, PI	2800	3229		
1841			Tiverton	Sec. 5	Taylor	1	Lenmons	3330	SH	1967	GRN, CC, PI	3000	3297		
1394			Tiverton	Sec. 10	Union	1	Fortune	3253	SH	1959	GRN	2450	2890		
1680		Coshocton	Tiverton	Sec. 11	Crest	2	Anderson	3427	SH	1965	GRN, CC	3000	3425		
1709			Tiverton	Sec. 11	Crest	1	Anderson	3455	SH	1965	GRN, CC	3100	3441		
1640			Tiverton	Sec. 11	Crest	1	Hoberg	3448	SH	1964	GRN, CC	3100	3437		
1654			Tiverton	Sec. 11	Crest	2	Hoberg	3468	SH	1964	GRN, CC	0	3464		
1682			Tiverton	Sec. 11	Crest	4	Hoberg	3495	SH	1964	GRN, CC	2200	3469		
1810		Coshocton	Tiverton	Sec. 15	Lyons	2	Stringfellow	2975	SH	1966	GRN, CC, PI	2600	2974		
1828			Tiverton	Sec. 15	Lyons	2	Thatcher	2952	SH	1966	GRN, CC, PI	2700	2951		

CRAWFORD-DELAWARE COUNTIES

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file					
											Geophysical logs		Samples			
											Type	Maximum range	Type	Log		
43		Crawford	Auburn	Sec. 20	Kentucky National	1	Stump	3361	Camb	1965	GRN	2550	3360	Cut	0	2650
11	1232		Bucyrus	Sec. 19	Shaffer	1	Miller	2660	Camb	1964	GRN V	0	2659	Cut	2350	3772
50	1743		Chaffield	Sec. 34	Hawkins	1	Leonhardt	3774	PC	1965	GRN, Cal, D, I, S	100	3774	Cut		
41			Cranberry	Sec. 11	Mutual	1	Heydinger	3514	Camb	1964	GRN, V	2300	3513	Cut		
20	1283		Dallas	Sec. 7	Ludwick	1	Ludwick	2631	Camb	1964	GRN	1650	2623	Cut	1165	2587
31			Dallas	Sec. 7	Scharer & Ludwick	2	Ludwick	2671	Camb	1964	GRN	1800	2670	Cut		2690
21	1436		Dallas	Sec. 25	Hudson Ohio	1	Ruffon	2703	Camb	1964	GR, Cal, D, I	0	2700	Cut	1610	2570
2	1391		Dallas	Sec. 35	Schoonmaker	1	Rufner-Underwood	2570	Camb	1964	GRN	50	802	Cut		
46			Jackson	Sec. 27	Wehmyer	1	Shumaker	803	Dev.	1960	GRN CC, I, Pf	0	3399	Cut		
54	2078		Jefferson	Sec. 13	Sun	1	App	3400	Camb	1965	GRN, Cal, D, I			Cut		
48			Jefferson	Sec. 17	Garfield	1	DeGray	2823	Camb	1967	GRN	2600	2822	Cut	2736	2808
55			Jefferson	Sec. 18	Keckler	1	Beason	2800	Camb	1987	GRN, CC	2600	2774	Cut		
52			Jefferson	Sec. 18	Duncan	1	Pennsylvania RR.	2840	Camb	1967	GRN	950	2839	Cut		
10			Jefferson	Sec. 18	Garfield	1	Philp	2800	Camb	1987	GRN	2500	2799	Cut		
27	1326		Jefferson	Sec. 22	Baldwin	1	Sherer	3380	Camb	1964	GRN, V	500	3374	Cut		
12	1496		Liberty	Sec. 23	Cheswell	1	Eichorn	3395	Camb	1964	GRN	30	3387	Cut	410	3395
18			Liberty	Sec. 15	Vandeveer	1	Brause	3150	Camb	1964	GRN, I	100	3142	Cut	320	3145
44			Polk	Sec. 19	Vandeveer	1	Crall	2980	Camb	1964	GRN, L	100	2984	Cut		
28	1372		Polk	Sec. 31	Piggott	1	Spitler-Brown	3413	PC	1965	GRN	0	3412	Cut	1037	3629
23			Polk	Sec. 4	Bauer	1	Bauer	3629	Camb	1964	GRN			Cut		
30			Polk	Sec. 4	Cowen	1	Stevens	3758	Camb	1964	GRN, V	1450	3749	Cut		
35	1405		Sandusky	Sec. 26	Sun	1	Rucker	3375	Camb	1964	GRN, I	30	3375	Cut	450	3360
16	1258		Sandusky	Sec. 13	Mt. Carmel	1	Eckstein	3360	Camb	1964	GRN	100	3271	Cut	400	3275
45	1651		Texas	Sec. 22	Vandeveer	1	Ruth	3275	Camb	1964	GRN, Cal, I, M, S	100	2630	Cut	100	2630
6			Vernon	Sec. 13	Kin-Ark	1	Flickinger-Zimmer	2631	Camb	1965	GRN	0		Cut		
71	2092		Vernon	Sec. 3	Hynes	1	Crum	3879	Camb	1963	GRN, CC, L	0	3857	Cut	600	3502
40	1444		Vernon	Sec. 5	Kubat	1	Hilborn	3515	Camb	1987	GRN	2700	3514	Cut	500	3500
8			Vernon	Sec. 5	Mt. Carmel	1	Strohn & Snyder	3500	Camb	1964	GRN	0	3564	Cut	2300	3150
49	1718		Whetstone	Sec. 33	Sun	1	Krichbaum	3565	Camb	1964	GRN	100	3153	Cut		
15	1574		Whetstone	Sec. 10N	Katex	1	Wagner	3150	Camb	1965	GRN, Cal, D, I			Cut		
11			Cuyahoga Hts.	Sec. 27	Rider	1	Perry	3071	Camb	1964	GRN	2350	3071	Cut	400	2500
12			Cuyahoga Hts.	Sec. 33	Vandeveer	1	Kuehnik	3077	Camb	1964	GRN, Cal, I, M	100	3076	Cut		
43	1924		Mississinawa	Sec. 5	Wiley	1	Poepelman	1301	Ord	1966	CC, Pf	2300	2920	Cut	95	1301
31	1065		Farmer	Sec. 29	Ward	1	Salzman	3205	Camb	1963	GRN, L	50	3202	Cut	100	3200
32	1155		Farmer	Sec. 31	Rovell	1	Smith	2048	Ord	1964	GRN	0	2528	Cut	141	2048
25			Noble	Sec. 32	Rovelli; Johnson	1	Miller	2550	Camb	1965	GRN, Cal, D, I			Cut		
188	1492		Berkshire	Sec. 3	Maumee Valley	1	Brown	1901	Ord	1962	Gd	1750	1874	Cut	300	3020
207	1463		Berkshire	Lot 3 (3Q)	Eastern	1	Alexander	3020	Camb	1964	GRN, I	400	3019	Cut	102	3043
56			Berkshire	Lot 4 (1Q)	Kin-Ark	1	Shultz	3175	Camb	1964	GRN, I	30	3173	Cut		
137			Berkshire	Lot 4 (2Q)	Federal	1	Igo	3050	Camb	1965	GRN	2300	3047	Cut		
198			Berkshire	Lot 7 (1Q)	Kin-Ark	1	Mallernee-Morris	3227	Camb	1964	GRN, Cal, D, I	0	3226	Cut		
215	1820		Berkshire	Lot 7 (1Q)	Kin-Ark	1	Mallernee-Morris	3140	Camb	1964	GRN	0	3139	Cut		
274			Berlin	Lot 15 (4Q)	Hobson	1	Kuntzman	3150	Camb	1964	GRN	2470	3151	Cut	560	2825
156	1346		Berlin	Lot 16 (4Q)	Delaco	1	Nincehiser	3084	Camb	1964	GRN	100	3083	Cut	510	2800
206	1423		Berlin	Lot 19 (4Q)	Eastern	1	MacBlane	3220	Camb	1964	GRN	100	3219	Cut	510	2800
165	1394		Berlin	Lot A (2Q)	Norman	1	Norris	2771	Camb	1967	GRN	2050	2766	Cut	215	2888
102			Berlin	Lot 5 (4Q)	Billingsley	1	Stemmons	2826	Camb	1964	GRN	0	2802	Cut		
			Berlin	Lot 6 (4Q)	Algonquin	1	Stemmons-Marshall	2803	Camb	1964	GRN	0	2802	Cut		
			Berlin	Lot 6 (4Q)	Santoro	1	Smith	2892	Camb	1964	GRN	1400	2871	Cut		
			Berlin	Lot 8 (4Q)	Delaco	1	Chrismier-Davenport	2870	Camb	1964	GRN	450	2867	Cut		



## DELAWARE COUNTY

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file					
											Geophysical logs		Samples			
											Type	Maximum range	Type	Log	Range	
229		Delaware (continued)	Berlin	Lot 17 (1Q)	Kin-Ark	1	Shade	2884	Camb	1985	I	415	Cut			
212			Berlin	Lot 26 (2Q)	Lohman-Johnson	1	Havens	2805	Camb	1984	GRN, Cal, I, S	100	Cut			
162			Brown	Lot 1 (1Q)	Alum Creek	1	Call	3117	Camb	1984	GRN	300	Cut			0
220	1488		Brown	Lot 5 (2Q)	Lewis	1	Wells	2854	Camb	1985	GRN, CC	3113	Cut			2850
114	1298		Brown	Lot 5 (4Q)	Wheeler	1	Brodess	3007	Camb	1964			Cut			3005
242	1518		Brown	Lot 7 (2Q)	McClure	1	Smith	4035	PC	1964			Cut			4035
104	1287		Brown	Lot 10 (4Q)	Algonquin	1	Innis	2899	Camb	1984	GRN, Cal, I, M	100	Cut			2898
155	1387		Brown	Lot 10 (4Q)	Algonquin	2	Innis	1701	Ord	1984	GRN	100	Cut			1701
138			Brown	Lot 10 (4Q)	Algonquin	1	Link	1732	Ord	1984	GRN	27	Cut			1731
152	1655		Brown	Lot 11 (4Q)	Westbury	1	Pope	2801	Camb	1985			Cut			2716
72			Brown	Lot 14 (4Q)	Killbuck	1	Wolfinger	3007	Camb	1984	GRN	30	Cut			3006
154	1386		Brown	Lot 15 (4Q)	Algonquin	1	Heinlen	2812	Camb	1984			Cut			0
53			Brown	Lot 16 (3Q)	Krist	1	Sheets	2759	Camb	1984	GRN	2000	Cut			2750
249			Brown	Lot 17 (3Q)	Jackson	1	Weaver	2762	Camb	1985	GRN	0	Cut			2762
230	1493		Brown	Lot 21 (1Q)	Whittington	2	Fleming	3052	Camb	1985			Cut			41.0
223			Brown	Lot 26 (3Q)	Kin-Ark	1	Stone	2753	Camb	1984	GRN	0	Cut			2752
108	1296		Brown	Lot 32 (3Q)	Schock	1	Dix	2798	Camb	1984	Gd	1400	Cut			2792
228			Brown	Lot 32 (3Q)	Southern Triangle	2	Dix	2843	Camb	1984	GRN	2000	Cut			2842
55	1368		Concord	Lot 7N	Brinkley	1	Wells	2796	Camb	1984	GRN	1700	Cut			2780
76	1265		Concord	Lot 17S	Slatzer	1	Moore	3440	Camb	1984	GRN	1784	Cut			3440
65	1366		Delaware		Texas Coastal	1	Jaynes	2815	Camb	1984	GRN	1700	Cut			2815
115			Delaware	Lot N (1Q)	Holtom	1-A	Metzger	2577	Camb	1984	Cal, S	899	Cut			2544
139	1327		Delaware	Lot N (1Q)	Westbury	1	Schnipke	2528	Camb	1984			Cut			2528
262			Delaware	Lot N (1Q)	Johnson	1	Schnipke	2800	Camb	1985	GRN	1800	Cut			2802
97			Delaware	Lot P (1Q)	Westbury	1	Rogers	2687	Camb	1984	GRN	1835	Cut			2685
116			Delaware	Lot S (1Q)	Holtom	1	Stockdale	2686	Camb	1984	GRN	1800	Cut			2664
80	1335		Delaware	Lot 3 (4Q)	Pettit; Hurr	1	Children's Home	2814	Camb	1984	GRN, I	100	Cut			2813
133			Delaware	Lot 6 (4Q)	Davidor & Davidor	1	Law	2630	Camb	1984	I, S	382	Cut			2630
92	1307		Delaware	Lot 7 (4Q)	Skiles Central Ohio	1	Bernlohr	2684	Camb	1984	GRN	30	Cut			2683
75			Delaware	Lot 7 (4Q)	Pettit	1	Law	2568	Camb	1984	GRN	0	Cut			2567
112			Delaware	Lot 8 (4Q)	Comanche	1	Ten Eyck	2600	Camb	1984	GRN	0	Cut			2599
60	42		Delaware	Lot 8 (4Q)	Skiles Central Ohio	1	Hough	2632	Camb	1984	GRN	30	Cut			2631
42	1242		Delaware	Lot 8 (4Q)	Slatzer	1	Ross	2530	Camb	1984	GRN	0	Cut			2529
48	1257		Delaware	Lot 8 (4Q)	Slatzer	2	Ross	2559	Camb	1984	GRN	380	Cut			2558
187			Delaware	Lot 9 (4Q)	Duncan	1	Sonner	2632	Camb	1984	GRN	400	Cut			2631
98	1494		Delaware	Lot 15 (2Q)	Eastern	1	Cryder	3507	Camb	1984	GRN	400	Cut			3505
50	1367		Delaware	Lot 17 (1Q)	Texas Coastal	1	Rupples	3487	Camb	1984	GRN	650	Cut			3483
144	1473		Delaware	Lot 17 (4Q)	Hamblin	1	Deel	2680	Camb	1984	GRN	400	Cut			2680
67	1263		Delaware	Lot 20 (3Q)	Slatzer	1	Lobdell	3020	Camb	1984	GRN	400	Cut			2606
54			Delaware	Lot 20 (4Q)	Shaw	1	Hough	2750	Camb	1985	GRN	1850	Cut			2751
254			Genoa	Lot 3 (4Q)	Piggott	1	Lindsey	3118	Camb	1985	GRN	400	Cut			3117
269	1692		Genoa	Lot 4 (4Q)	Minnesota-Ohio Oil	1	Lindsey	4071	PC	1985			Cut			430
142	1375		Genoa	Lot 5 (1Q)	Collin	1	Bricker	3466	Camb	1984	GRN, S	0	Cut			3454
123	1377		Genoa	Lot 6 (1Q)	Lewis	1	Everts	3231	Camb	1984	GRN, S	0	Cut			3230
210	1495		Genoa	Lot 6 (1Q)	Lewis	2	Everts	3225	Camb	1984	GRN	0	Cut			3222
245			Genoa	Lot 6 (1Q)	Lewis	3	Everts	550	Dev	1985	GRN	10	Cut			546
227	1457		Genoa	Lot 11 (3Q)	Hudson Ohio	1	Martin	3040	Camb	1985	GRN	300	Cut			3038
149	1451		Genoa	Lot 11 (3Q)	Piper	1	Martin	3035	Camb	1984	GRN	0	Cut			3035
178	1422		Genoa	Lot 20 (3Q)	Filoto	1	Chandler, Linge, Mackley	2997	Camb	1984	GRN, S	0	Cut			2997
77	1288		Harlem	Lot 1 (8Q)	Algonquin	1	Paul	3330	Camb	1984	GRN, CC	0	Cut			3329
146	1421		Harlem	Lot 4 (1Q)	Federal	1	Fronk	3609	Camb	1984	GRN, CC, Gd	0	Cut			3609
243	1525		Kingston	Lot 2 (1Q)	Hudson Ohio	1	Murphy	3380	Camb	1985	GRN, I	395	Cut			3387
29			Kingston	Lot 4 (4Q)	Ferrell	1	Dailly	3260	Camb	1984	GRN	100	Cut			3260

DELAWARE COUNTY

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file				
											Geophysical logs		Samples		
											Type	Maximum range	Type	Log	Range
259	1798	Delaware (continued)	Kingston	Lot 5 (1Q)	Collin	1	Groves	3155	Camb	1985			Cut	2475	3132
5	1128		Kingston	Lot 9 (1Q)	Wehmeyer	1	Weiant	530	Dev	1960			Core	406	530
226	182		Kingston	Lot 10 (3Q)	Gordon	1	Walton	3182	Camb	1964		GRN		100	3182
248	1936		Kingston	Lot 12 (1Q)	Patrick	1	Clark	3391	Camb	1965			Cut	2450	3391
6	1129		Kingston	Lot 12 (2Q)	Wehmeyer	1	Hart	521	Dev	1960			Core	437	521
66	1304		Kingston	Lot 13 (4Q)	Hands	1	Chandler	3326	Camb	1964			Cut	2560	3326
86	1313		Kingston	Lot 14 (1Q)	Heldt	1	Stout	3238	Camb	1964			Cut	405	3238
241	1425		Kingston	Lot 17 (3Q)	Kin-Ark	1	Conley	3177	Camb	1965			Cut	0	3176
224	1937		Kingston	Lot 18 (4Q)	McClure	1	Hill	3380	Camb	1964		GRN, Cal, D, I		0	3376
237			Kingston	Lot 26 (2Q)	Poston	1	Harp	3175	Camb	1965		GRN, S		0	3172
117			Kingston	Lot 26 (2Q)	Sun, Turner	1	Walton	3121	Camb	1964		GRN, V		0	3120
28	1225		Kingston	Lot 29 (2Q)	Sun	1	Sheets	3610	Camb	1964		GRN		0	3607
143	1385		Kingston	Lot 30 (2Q)	Gordon	1	Moorehead	3152	Camb	1964		GRN		10	3146
182	1297		Liberty	Lot 1 (1Q)	Riverside	1	O'Dell	2562	Camb	1964		GRN		0	2561
118			Liberty	Lot 1 (3Q)	Westbury	1	Coy	2741	Camb	1964		GR, S		225	2735
246	1303		Liberty	Lot 6 (1Q)	Kin-Ark	1	Smith	3116	Camb	1965		GRN, Gd		0	3115
125	1425		Liberty	Lot 18 (3Q)	Westbury	1	Wolf	2575	Camb	1964		S		0	2568
157	1425		Liberty	Lot 41 (4Q)	Federal	1	Halley	2589	Camb	1964		GRN		0	2573
69	1274		Marlboro	Lot 36 (1Q)	Atha	1	Mayer	2875	Camb	1964		GRN		0	2875
231			Orange	Lot 1 (1Q)	Kin-Ark	1	Jaycox	3084	Camb	1965		GRN		0	3083
47			Orange	Lot 5 (1Q)	Oliver	1	Roe	2820	Camb	1965		GRN		1000	2826
119	1341		Orange	Lot 5E (4Q)	Kidd	1	McCammon	2829	Camb	1964		GRN		0	2826
109	1365		Orange	Lot 10 (1Q)	Oliver	1	Daughters	2813	Camb	1964		I		400	2879
256	1688		Orange	Lot 12 (4Q)	Sunray-DX	1	Thompson	2860	Camb	1965				0	2879
186	1420		Orange	Lot 13 (3Q)	Flood	1	Nationwide	2800	Camb	1966				0	2800
161			Orange	Lot 15 (2Q)	Kin-Ark	1	English	2982	Camb	1964		GRN		0	2981
113	1130		Oxford	Lot B (4Q)	Wehmeyer	1	Westbrook	3070	Camb	1964		GRN		2150	3070
7			Oxford	Lot 5 (2Q)	Federal	1	Chadwick	457	Dev	1960				1366	2926
110			Oxford	Lot 5 (3Q)	Santa Fe	1	Daugherty	2932	Camb	1964		GRN		100	3099
103			Oxford	Lot 6 (1Q)		1		3100	Camb	1964		GRN		0	3099
222			Oxford	Lot 7 (4Q)	H & K	1	Bell	3104	Camb	1964		GRN		30	3103
101			Oxford	Lot 9 (4Q)	Mansfield	1	Rothwell	2980	Camb	1964		GRN		2150	2976
126	1424		Oxford	Lot 12 (3Q)	Atha	1	Rouse	3756	Camb	1964		GRN		0	3756
211			Porter	Lot 1 (3Q)	Lohman-Johnson	1	Curtis	3480	Camb	1964		GRN		100	3480
193			Porter	Lot 1 (4Q)	Weed	1	Corna	3693	Camb	1964		GRN		2900	3692
191			Porter	Lot 3 (1Q)	Dock	1	Elfink	3688	Camb	1964		GR, CC, Pf		3500	3635
238			Porter	Lot 3 (2Q)	Patrick	1	Foster	3426	Camb	1965		GRN, D		600	3425
258	1615		Porter	Lot 3 (2Q)	Keener	1	Huff	3362	Camb	1965		GRN		2700	3474
235			Porter	Lot 4 (2Q)	Hanson	1	Hunley	3482	Camb	1965		GRN		0	3474
270	1850		Porter	Lot 6 (1Q)	Minnesota-Ohio Oil	1	Gregory	4685	PC	1965				0	4685
181	1544		Porter	Lot 7 (1Q)	Southern Independent	1	Kelsay	3725	Camb	1964		GRN, Cal, D, L		187	3725
27			Porter	Lot 7 (2Q)	Moore	1	Feazel	3490	Camb	1964		GRN		30	3470
39			Porter	Lot 7 (2Q)	T & W	1	Nininger	3512	Camb	1964		GRN		700	3511
18	1250		Porter	Lot 8 (3Q)	Lauck	1	Fletcher	3541	Camb	1963		GRN		2600	3539
233			Porter	Lot 8 (4Q)	Moore; Lake Shore	1	Houch	3765	Camb	1965		GRN		50	3760
202	1419		Porter	Lot 11 (3Q)	Beck	1	Cheadle	3288	Camb	1964		GRN		630	3285
236	1535		Porter	Lot 11 (3Q)	Beck	2	Cheadle	3300	Camb	1965		GRN		650	3250
43			Porter	Lot 11 (3Q)	Brehm	1	Dible	3455	Camb	1964		GRN		100	3453
64	1278		Porter	Lot 11 (3Q)	Brehm	1	Fisher-Dible	3450	Camb	1964		GRN		100	3450
190			Porter	Lot 11 (3Q)	Brehm; Indiana Farm Bureau	1	Reynolds	3362	Camb	1964		GRN, Cal, D		100	3361

## DELAWARE-ERIE COUNTIES

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file					
											Geophysical		Samples			
											Type	Maximum range	Log	Range		
21		Delaware (continued)	Porter	Lot 12 (2Q)	Baines	1	Sewell	3480	Camb	1964	GRN, M	0	3473			
30			Porter	Lot 12 (2Q)	Moore	1	Sewell	3607	Camb	1964	GRN, Cal, I, S	100	3604			
41			Porter	Lot 13 (2Q)	Moore	1	Shashall	3639	Camb	1964	GRN, Cal, CB, D, I	30	3638			
174			Porter	Lot 14 (1Q)	Gibson	1	Chandler & Lathrop	3670	Camb	1964	GRN	0	3665			
16			Porter	Lot 17 (1Q)	Southern Independent	1	Chandler & Lathrop	3790	Camb	1963	GRN, L, S	24	3768			
23			Porter	Lot 19 (1Q)	Baines	1	White	3827	Camb	1964	GRN, I, S	0	3826			
26			Porter	Lot 24 (1Q)	Moore	1	Porter	3750	Camb	1964	GRN, I	0	3749			
131			Porter	Lot 31 (4Q)	Weed	1	Overture	3645	Camb	1964	GRN, Cal, D, L	0	3650			
273			Porter	Lot 31 (4Q)	Weed	2	Overture	3476	Camb	1966	GRN	2750	3475			
22	1202		Radnor	Lot 1 (C)	Southern Triangle	1	Jones	3426	PC	1964	GRN, Cal, D, I	200	3425	Cut	416	3420
14	1103		Radnor	Lot 7	Adams	1	Humbreys	2331	Camb	1963	GRN, V	0	2321	Cut	264	2331
17	1144		Radnor	Lot 21 (2Q)	Adams	1	Fryman	3018	Camb	1963	GRN, V	0	2344	Cut	26	3014
71	1295		Scioto	VMSL 835	Kidd	1	Finnerman	2376	Camb	1964	GRN	550	2463	Cut	460	2376
85			Scioto	VMSL 835	Diamond-Ford	1	McMillan	2470	Camb	1964	GRN	550	2463	Cut		
38			Scioto	Lot 8 (4Q)	Mid-Ohio	1	Brown	2302	Camb	1964	GRN	0	2291			
44			Trenton	VMSL 6293	Shehorn	1	Potts	2170	Camb	1964	GRN	0	2156			
196	1443	Trenton	Lot 23 (4Q)	Mt. Carmel	1	Taylor	3645	Camb	1964					420	3645	
145	1438	Trenton	Lot 35 (3Q)	Waverly	1	Guher	3439	Camb	1964					1455	3439	
172	1384	Trenton	Sec. 2	Hudson Ohio	1	Richardson	3601	Camb	1964	GRN, Cal, D, I, M	10	3600	Cut	400	3600	
19	1206	Trenton	Sec. 2	Pan American	1	Reppart	3714	Camb	1963	GRN, Cal, D, I, M, S	10	3711	Cut	750	3710	
171	1402	Trenton	Sec. 13	Hudson Ohio	1	Cleavenger	3500	Camb	1964	GRN, Cal, D, I, M	350	3504	Cut	400	3500	
183	1439	Trenton	Sec. 35E	Oxford	1	Longshore	3452	Camb	1964	GRN	0	2558	Cut	2705	3452	
140	1440	Troy	Lot 1 (2Q)	Flo	1	Hills	2588	Camb	1964	GRN	0	2558	Cut	50	2588	
124		Troy	Lot 9 (1Q)	Davidor & Davidor	1	Kunze	2593	Camb	1964	I	320	2592	Cut			
107	1168	Troy	Lot 10 (1Q)	Federal	1	Carlisle	2599	Camb	1964	GR, V	850	2599	Cut	73	2595	
253	1595	Troy	Lot 11 (1Q)	Lulling	1	Weed	2552	Camb	1965					0	2552	
132		Troy	Lot 12 (1Q)	Skiles Central Ohio	1	Burkhart	2650	Camb	1964	GRN	100	2645	Cut	450	2820	
134	1364	Troy	Lot 12 (1Q)	Capital City	1	Hull, Clark, Gay, Burkhardt	2823	Camb	1964							
120		Troy	Lot 12 (1Q)	Capital City	1	Higley	2583	Camb	1964	GRN	1900	2582	Cut	230	2630	
87	1280	Troy	Lot 12 (1Q)	Capital City	1	McDonald	2830	Camb	1964	GRN	1800	2631	Cut			
61	1306	Troy	Lot 13 (1Q)	Herman	1	Calhoun	2603	Camb	1964					484	2603	
94	1383	Troy	Lot 32 (1Q)	Tulley	1	Campland	2698	Camb	1964	GRN, D	600	3883	Cut	612	2698	
266	1795	Troy	Lot 36 (1Q)	Thornhill	1	Case	2581	Camb	1965	GRN, Cal, Gd	3100	4416	Cut	179	2506	
13	1957	Erie	Berlin	Lot 5 (4Q)	Bebout	1	Hills	3729	Camb	1966				0	3720	
9	1117		Berlin	Lot 8 (2Q)	Flores, Mammoth	1	Zendon & Willis	3529	Camb	1963	GRN, L	100	3520	Cut	25	3529
26	2001		Florence	Lot 18 (4Q)	Neuberger	1	Alaimo	3669	Camb	1967	GRN, D	600	3883	Cut	100	3887
7	887		Florence	Lot 48 (4Q)	Ohio Fuel Gas	1	Saylor	4424	PC	1960	GRN, Cal, Gd	3100	4416	Cut	10	4424
25	2043		Florence	Lot 54 (2Q)	Tra-kay	1	Griffith	3987	Camb	1967	GRN, Cal, D	630	3985	Cut	250	3985
29	24		Florence	Lot 62 (2Q)	Sun	1	Hunter-Niemeth	3893	Camb	1967	GRN, Cal, D, I, L	0	3892	Cut	770	3890
27	1987		Florence	Lot 68 (1Q)	Murphy	1	Hanko	3890	Camb	1967	GRN, Cal, D, I, L	20	3886	Cut		
18		Florence	Lot 74 (2Q)	Sun	1	Hunter	3838	Camb	1967	GRN, Cal, D, I, L	0	3907	Cut	550	4000	
20		Florence	Lot 77 (1Q)	Trolz	1	Ortner	4004	Camb	1968	GRN, Cal, D	20	4002	Cut			
16		Florence	Lot 86 (1Q)	Sun	B-1	Hume	3940	Camb	1967	GRN, Cal, D, I, L	0	3939	Cut			
16		Florence	Lot 87 (1Q)	Sun	1	Hume	3957	Camb	1966	GRN, Cal, CC, D, I, L, Pf	20	3956	Cut			
14		Florence	Lot 87 (1Q)	Sun	1	Knight	3910	Camb	1966	GRN, Cal, CC, D, I, L, Pf	0	3908	Cut			
19		Florence	Lot 87 (1Q)	Sun	1	Herman	4468	PC	1968	GRN, Cal, D, I, L	0	3937	Cut			
12		Florence	Lot 87 (1Q)	Sun	1	Schlechter	3970	Camb	1968	GRN, Cal, D, I, L	0	3956	Cut			
15		Florence	Lot 98 (1Q)	Sun	1	Laternan	3988	Camb	1967	GRN, Cal, D, I, L	20	3985	Cut			
30		Florence	Lot 98 (1Q)	Sun	1	Wakefield-Bemis	3980	Camb	1967	GRN, Cal, D, I	50	3979	Cut			
11	1928	Florence	Lot 98 (1Q)	Sun	1	Krysiak-Wakefield	4462	PC	1966	GRN, Cal, D, I, L	0	4462	Cut			
10		Oxford	Lot 98 (3Q)	Long	1	Wensink	3045	Camb	1964	GRN, I	100	3043	Cut	50	4460	

ERIE-GALLIA COUNTIES

Permit no.	Sample no	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file					
											Geophysical logs	Maximum range	Log	Range		
							Type	Type	Type	Type	Type	Type				
28	1993	Erie (continued)	Vermillion	Lot 6(Tr.3)	E & W Murphy	1	Peck	3710	Camb	1967	GRN	0	3710	Cut	185	3710
21	1947	Fairfield	Vermillion	Lot 9(Tr.1)	Murphy	1	Kukes	3916	Camb	1966	GRN, Cal, D, I	100	3915	Cut	0	3910
434	1654	Fairfield	Clear Creek	Sec. 15	Clark	1	Thomas	3772	Camb	1965	GRN, S	0	3771	Cut	0	3770
435	1643	Fairfield	Clear Creek	Sec. 33	Clark	1	Huffines	3662	Camb	1965	GRN	0	3661	Cut	0	3660
436	1981	Fairfield	Madison	Sec. 34	Hunting	1	Fisher	3773	Camb	1966	GRN	100	3764	Cut	657	3773
437	1652	Fairfield	Madison	Sec. 18	Clark	1	Trimmer	3740	Camb	1965	GRN	0	3725	Cut	0	3630
439		Fairfield	Richland	Sec. 28	Thompson	1	Winegardner	2716	Sil	1967	GRN, D	350	2716	Cut		
452	452	Fairfield	Rush Creek	Sec. 8	Hunting	1	Thomas	4515	Camb	1966	GRN	0	4514	Cut		
495	495	Fairfield	Violet	Sec. 4	Cluff	1	Hart	3350	Camb	1964	GRN	2500	3354	Cut		
493	493	Fairfield	Violet	Sec. 4	Stewart	1	Wildernuth	3396	Camb	1965	GRN	100	3394	Cut		
1254	1254	Fairfield	Violet	Sec. 8	Stewart	1	Camden	3271	Camb	1964	GRN, Cal, D, I, L, ML	100	2268	Cut	647	3270
1316	1316	Fairfield	Violet	Sec. 8	Reliance	1	Cornall	3342	Camb	1964	GRN	100	2268	Cut	2434	3307
407	1253	Fairfield	Violet	Sec. 8	Stewart	1	Fisher	3410	Camb	1963	GRN	20	3401	Cut	39	3410
414	1374	Fairfield	Violet	Sec. 8	Wilson	1	Wagner	3283	Camb	1964	GRN	2400	3283	Cut	1700	3275
1373	1373	Fairfield	Violet	Sec. 9	Berentz	1	Carpenter	3376	Camb	1964	GRN	0	3414	Cut	2508	3376
416	427	Fairfield	Violet	Sec. 9	Jackson	1	Lamp	3430	Camb	1964	GRN	0	3414	Cut		
427	427	Fairfield	Violet	Sec. 9	Stewart	1	Wright	3236	Camb	1964	GRN, Cal, D, L	100	3235	Cut		
419	419	Fairfield	Violet	Sec. 9	Stewart	1	Whims	3638	Camb	1965	GRN	11	3636	Cut	100	3605
440	1846	Fairfield	Violet	Sec. 12	Stewart	1	Rabb	3315	Camb	1964	GRN	475	675	Cut	0	3315
426	1526	Fairfield	Violet	Sec. 16	Glasscock	1	Kohler	694	Dev	1965	GRN	0	3995	Cut		
428	428	Fairfield	Violet	Sec. 17	B. M. C.	1	Taggart	4002	Camb	1966	GRN	0	3995	Cut		
446	446	Fairfield	Walnut	Sec. 19N	Hunting	1-A	Vonins	4128	Camb	1965	GRN			Cut	2139	4128
424	1558	Fairfield	Walnut	Sec. 21	Lynn	1	Cockrill	3643	Camb	1964	I	405	3639	Cut		
7	7	Fayette	Perry	VMSL 660	Earnwell	1	Cavinee	1920	Camb	1958	GRN, I, M	100	1870	Cut	0	1920
3	756	Fayette	Union	VMSL 3619	Kewanee	1	Marble Cliff	3623	PC	1965	GRN, D, I	100	3622	Cut	10	3622
14	1926	Franklin	Franklin	VMSL 530	Hudson Ohio	1	Abhey	2715	Camb	1964	GR, Cal, D, I	50	2711	Cut	340	2715
12	1449	Franklin	Jackson	VMSL 1294	Pure	1	Palzer	3710	Camb	1964	I, S	400	3707	Cut	0	3710
10	1437	Franklin	Jackson	VMSL 6115	Hudson Ohio	1	Long	3152	Camb	1965	GR, Cal, S	396	3148	Cut	470	3150
15	1705	Franklin	Madison	Sec. 12S	Kingwood	1	Reeb	3200	Camb	1964	GRN	1750	2850	Cut	180	2850
11	1410	Franklin	Madison	Sec. 13	Kingwood	1	Reeb	2897	Camb	1964	GRN	1700	2896	Cut	500	2880
13	1465	Franklin	Madison	Sec. 13	Kingwood	2	Reeb	3120	Camb	1965	GRN	922	2481	Cut	530	3120
6	1349	Franklin	Pleasant	VMSL 3028	Earnwell	1	Oakhurst	2500	Camb	1964	I	406	3752	Cut	1680	3748
7	1786	Franklin	Pleasant	VMSL 4752	Madison County	1	ShIPLEY	3200	Camb	1965	GRN	1525	3200	Cut	1525	3200
8	1786	Franklin	Washington	VMSL 2542	Brinkley	1	Orr	2850	Camb	1964	GRN	1750	2850	Cut	180	2850
5	1264	Franklin	Washington	VMSL 2542	Brinkley	2	Orr	2897	Camb	1964	GRN	1700	2896	Cut	500	2880
9	1358	Franklin	Washington	VMSL 2542	Brinkley	2	Orr	2897	Camb	1964	GRN	1700	2896	Cut	500	2880
22	1194	Fulton	Chesterfield	Sec. 10	North American	1	Deyo	3215	Camb	1963	GRN, L	50	3702	Cut	0	3215
21	1099	Fulton	Chesterfield	Sec. 26	American Liberty	1	Jonis	3100	Camb	1963	GRN	0	3099	Cut	0	3095
35	2017	Fulton	Clinton	Sec. 17	Rock Castle	1	Vonier	2944	Camb	1967	GRN	100	2943	Cut	200	2944
32	1964	Fulton	Clinton	Sec. 21	Maguire	1	Norziager	3015	Camb	1966	GR, Cal, D, I	100	3011	Cut	210	3015
27	1813	Fulton	Fulton	Sec. 1N	Liberty	1	Tavtigian	3003	Camb	1965	GRN, D	400	3002	Cut	300	3000
28	1811	Fulton	Fulton	Sec. 10	Liberty	1	Slahunek	3024	Camb	1965	GRN	0	3023	Cut	1800	3017
26	1812	Fulton	Fulton	Sec. 32	Liberty	1	Fauble	3122	Camb	1966	GRN	0	3121	Cut	400	3122
36	2037	Fulton	Gorham	Sec. 19	McClure	1	Erbskorn	3201	Camb	1967	GRN	0	3199	Cut	274	3201
24	1474	Fulton	Gorham	Sec. 19	McClure	1	Gamble	3303	Camb	1965	GRN, L	50	3300	Cut	235	3000
33		Fulton	Gorham	Sec. 26W	Liberty	1	Steinm	3253	Camb	1966	GRN	10	3252	Cut		
142	142	Gallia	Addison	Sec. 12	Merritt	1	Merritt	1632	Miss	1967	GRN, CC, Pf	1250	1614	Cut		
137	1794	Gallia	Addison	Sec. 12	Poston	1	Ohio Valley Electric	1642	Miss	1966	GRN, CC, Pf	400	1620	Cut		
133		Gallia	Addison	Sec. 12	Poston	2-A	Rough	1605	Miss	1965	GRN, CC, Pf	450	1573	Cut	485	1605
134		Gallia	Addison	Sec. 12	Poston	3	Rough	1631	Miss	1966	GRN, CC, Pf	430	1626	Cut		
135		Gallia	Addison	Sec. 12	Poston	1	Swisher	1592	Miss	1966	GRN, CC, Pf, Tr	300	1587	Cut		
136		Gallia	Addison	Sec. 12	Poston	1-B	Swisher	1872	Miss	1966	GRN, CC, Pf	250	1847	Cut		
130		Gallia	Addison	Sec. 18	Kyger Creek	2	Reese	1635	Miss	1965	GRN	1150	1635	Cut		

GALLIA-HOCKING COUNTIES

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file						
											Geophysical logs		Samples				
											Type	Maximum range	Type	Log			
140		Gallia (continued)	Cheshire	Sec. 7	Poston	1	Thompson	1591	Miss	1966	GRN	300	1590				
139			Cheshire	Sec. 7	Poston	1	Able, Briggs, & White	1626	Miss	1966	GRN, Pf, Tr	10	1619				
121			Cheshire	Sec. 8	Spangler	1	Swisher	1585	Miss	1965	D	1040	1585				
138			Cheshire	Sec. 8	Poston	1	Briggs & White	1627	Miss	1966	GRN, CC, Pf, Tr	500	1825				
22-A			Perry	Sec. 16	Trigg	1	Reese	1416	Miss	1964	GRN	30	1416				
817	2009	Guernsey	Westland	Sec. 21	Wiser	1	Salladay	3608	Dev	1967				Cut	10	3608	
138	1314	Hancock	Allen	Sec. 12	Plunkett & Shields	1	Hoadley	1815	Camb	1964	GRN, G4, L	100	1811		Cut	318	1777
140	1345		Amanda	Sec. 20	Cowen	1	Harris	2799	Camb	1964	GRN, V	0	2798		Cut	1800	2797
153	2020		Blanchard	Sec. 11	Transamerican	1	Lenhart	1776	Camb	1966					Cut	153	1776
131	1538		Delaware	Sec. 12	Jacobs	1	Howard	1924	Camb	1963					Cut	23	1924
143			Eagle	Sec. 14	O'Neill	1	Stahl	2123	Camb	1964		GRN, I	30	2124		Cut	
136	1952		Jackson	Sec. 4	Plunkett & Shields	1	Eisea	1900	Camb	1963	GRN	100	1899		Cut	0	2807
152			Jackson	Sec. 6	Kin-Ark	1	Drummelmith	2807	PC	1966	GRN, I	0	2804		Cut	130	1835
135	1152		Jackson	Sec. 21	Plunkett & Shields	1	Doty	1938	Camb	1963	GRN, CC, Pf	100	1937		Cut	0	2100
151	1649		Jackson	Sec. 30	Ashland	1	Coner	2102	Camb	1965	GRN, Cal, D, I	101	2101		Cut	0	2050
150	1650		Liberty	Sec. 28	Ashland	1	Cramer	2052	Camb	1965	GRN, I	100	2051		Cut		
145			Marion	Sec. 34	Dever	1	Altman	1896	Camb	1964	GRN	50	1896		Cut	25	3017
139	1286		Union	Sec. 24	Dever	1	Frazier	3017	PC	1964	GRN, L	100	3009		Cut		
142			Union	Sec. 24	Dever	1	Walters	1949	Camb	1964	GRN	100	1943		Cut		
146			Union	Sec. 25	Dever	1	Schwinn	1981	Camb	1964	GRN	100	1970		Cut		
86			Hardin	Blanchard	Sec. 34	Turner	1	Lotz	2002	Camb	1964	GR, Cal, D, L	0	1980		Cut	
94		Buck		VMSL 10048	Sunset	1	Salyer	2023	Camb	1964	GRN	0	2022		Cut		
108		Cessna		Sec. 26	Teters	1	Stephens	1919	Camb	1967	GRN	1245	1910		Cut		
87	1388	Dudley		VMSL 15523	Williams	1	Elsasser	1864	Camb	1964	GRN	0	1853		Cut	120	1857
79	1231	Dudley		Sec. 4	McMahon-Bullington	1	Wolf	3002	Camb	1964	GRN				Cut	50	2840
89			Goshen	Sec. 7	Turner	1	Winebrenner	2180	Camb	1964	GRN	0	2179		Cut	200	2080
107	1801		Hale	VMSL 10900	McMahon-Bullington	1	Kennedy	2081	Camb	1964	GRN	100	2030		Cut	30	2029
98	1814		Jackson	Sec. 24	Turner	1-A	Kellogg	2039	Camb	1965	GRN, L	0	2044		Cut	1195	2041
82	1344		Lynn	VMSL 12096	Cowen	1	Dulin	2045	Camb	1964	GRN	1350	2036		Cut		
83			Marion	Sec. 4	Turtle	1	Hubbell	2037	Camb	1964	GRN				Cut		
109	2074		Roundhead	VMSL 10124	Vivirski	1	Fry	1445	Ord	1967				Cut	136	1445	
102	1740		Taylor Creek	VMSL 10286	Reliance	1	Bidwell	2109	Camb	1965	GRN				Cut	186	2108
103	1741		Taylor Creek	VMSL 12051	Reliance	1	Kroch	2054	Camb	1965	GRN				Cut	190	2051
100		Harrison	Archer	Sec. 26	Reliance	1	McCombs	1455	Miss	1966	GRN	1100	1448		Cut	913	2385
21	1689		Monroe	Sec. 5	Bell & Gault	1	Biggs	2385	Camb	1964	GRN	100	1609		Cut		
22			Pleasant	Sec. 30	Katex	1	Hoffman	1610	Ord	1965	GRN	0	2716		Cut		
19		Highland	Ridgeville	Sec. 20	Frey	1	Frey	3366	Camb	1961	GRN, G4, T				Cut		
5	1969		Liberty	VMSL 2416	Brisbin	1	Cutright & Sampson	1751	Camb	1966	GRN, I	0	2391		Cut	15	1751
4	1588		Penn	VMSL 2326	Amerada	1	Wright	2392	Camb	1964	GRN, I	0	2391		Cut	640	2392
1119		Hocking	Falls	Sec. 2	Stewart	3	Ucker	2796	SI	1966	GRN, CC, Pf, S	0	2787		Cut	662	2658
1271	2031		Falls	Sec. 13	Kentucky Dig.	2	Bowers	2666	SI	1966	GRN	2350	2665		Cut		
1248			Falls	Sec. 13	Kentucky Dig.	2	Daugherty	2665	SI	1966	GRN	2300	2665		Cut		
1300			Falls	Sec. 13	Kentucky Dig.	3	Daugherty	2669	SI	1967	GRN	2300	2665		Cut		
1229			Falls	Sec. 13	Kentucky Dig.	2	Graham	2663	SI	1966	GRN, CC	2300	2659		Cut		
1330			Falls	Sec. 13	Kentucky Dig.	3	Graham	2643	SI	1967	GRN	1600	2642		Cut		
1281			Falls	Sec. 22	Heinz	1	Crane	2715	SI	1966	GRN, Cal, D, L, T, V	0	2715		Cut		
1192			Falls	Sec. 23	Bowman	1	Harden	2590	SI	1966	GRN	2300	2589		Cut		
1061			Falls Gore	Sec. 27	Stewart	1	Souders	3090	SI	1963	S	100	3083		Cut		
1075			Falls Gore	Sec. 30	Stewart	3	Coakley	2877	SI	1964	GR, S	100	2873		Cut		
1247		Green	Green	Sec. 1	Quaker State	7	Natco	3267	SI	1966	GR, Cal, CC, D, I, Pf	0	3270		Cut		
1195			Green	Sec. 2	Kentucky Dig.	3	Conner	3078	SI	1966	GRD, Cal, D, I, T, V	0	3075		Cut		

HOCKING-HOLMES COUNTIES

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file			
											Geophysical logs		Samples	
											Type	Maximum range		Log
1220		Hocking (continued)	Green	Sec. 7	Holl	6	Natco	3150	SI	1966	GR, D, Gd	0	3125	
1261			Green	Sec. 7	Quaker State	8	Natco	3041	SI	1966	GR, Cal, D	0	3040	
1269			Green	Sec. 7	Quaker State	9	Natco	3029	SI	1966	GR, Cal, D	0	3028	
1273			Green	Sec. 7	Quaker State	10	Natco	3187	SI	1966	GR, Cal, CC, D, Pf	0	3166	
1280			Green	Sec. 7	Quaker State	11	Natco	3133	SI	1966	GR, Cal, D, I	0	3132	
1197			Green	Sec. 9	Kentucky Dig.	1	Evans	3092	SI	1966	GRN	2700	3083	
612-A			Green	Sec. 9	Lincoln	1	Johnson	3116	SI	1966	GR, Cal, CC	2850	3104	
1202			Green	Sec. 10	Hemsworth	2	Settles	3187	SI	1966	GRN, D	2800	3186	
1296			Green	Sec. 14	Quaker State	1	Robinson	2977	SI	1967	GR, Cal, D	100	2976	
1292			Green	Sec. 14	Quaker State	1	Wright-Walker	2978	SI	1967	GR, Cal, D	0	2978	
1347			Green	Sec. 15	Stewart	1	Bond	3040	SI	1967	GR, CC	100	3038	
1338			Green	Sec. 19	Greg	1	Kelley	3200	SI	1967	GRN, D, I	1000	3198	
1217			Green	Sec. 19	Bowman	1	Sharb	3118	SI	1966	GR, Cal, CC, D, Pf	0	3117	
1104	1554		Green	Sec. 21	Kentucky Dig.	1	Poston	2839	SI	1965	GRN, CC, Pf	2550	3050	71
11-A			Green	Sec. 21	Reliance	1	Wright	4724	Camb	1964	GRN, CC, Pf	2550	3050	71
1122	1686		Green	Sec. 27	Kentucky Dig.	1	Bailey	2818	SI	1965	GRN	1750	2682	2680
1176			Green	Sec. 28	Heinz	1	Robey	2935	SI	1966	GRN	50	2934	2764
1287			Green	Sec. 29	Dever	1	Foraker	2821	SI	1967	GRN	2450	2812	
1253			Green	Sec. 33	Hemsworth	1	Gillogly	2750	SI	1966	GRN	2400	2749	
1309	2065		Green	Sec. 34	Kentucky Dig.	10	Graham	2703	SI	1967	GRN	2350	2702	685
1310			Marion	Sec. 27	Kentucky Dig.	1	Huston	2791	SI	1967	GRN	1800	2790	2703
1267			Marion	Sec. 27	Kentucky Dig.	1	Meadows	2724	SI	1966	GRN	2250	2724	
1315	2067		Marion	Sec. 27	Kentucky Dig.	1	Green, Brown, Wrentmore	2762	SI	1967	GRN	1750	2682	20
1289	2033		Marion	Sec. 28	Kentucky Dig.	1	Holbrook	2819	SI	1967	GRN	1750	2682	789
1321			Marion	Sec. 33	Kentucky Dig.	1-A	Brown	2695	SI	1967	GRN	1750	2682	2819
674			Marion	Sec. 36	Emme	1	Mohler	2735	SI	1960	GRN	2400	2722	
1293			Starr	Sec. 6	Quaker State	13	Natco	3159	SI	1967	GR, Cal, CC, Pf	100	3152	
1291			Starr	Sec. 12	Quaker State	12	Natco	3008	SI	1967	GR, Cal, CB, D	100	3007	
1333			Starr	Sec. 27	Viking	1	Logan	3216	SI	1967	GR, Cal, D	100	3188	
1222	1948		Starr	Sec. 31	Dunigan	1	Hockman	6495	P-C	1966	GRN, Cal, D, I	0	6487	660
1109			Ward	Sec. 18	Collins	3-C	Sunday Creek	3448	SI	1965	GR, CC, Pf	3200	3412	6485
1239			Ward	Sec. 20	Orwig	1	Lindley	3215	SI	1966	GR, CC, Pf	3044	3206	
1345	2058		Ward	Sec. 26	Poston	1	Russell	3304	SI	1967	GRN, CC, Pf	600	3303	10
1322			Ward	Sec. 26	Poston	1	Joyce	800	SI	1966	GRN, CC, Pf	800	3266	3293
1123			Ward	Sec. 33	Quaker State	1	Helm	3131	SI	1966	GR, D	0	3130	
829			Washington	Sec. 26	Chesterhill	1	Turner	2905	SI	1961	GRN, CC, Pf, T	2350	2896	SD
867			Washington	Sec. 26	Saligo	3	Brooks	2823	SI	1961	GRN, CC, Pf, T	2350	2896	
1279	1175	Holmes	Berlin	Lot 12 (4Q)	Amerada	1	Geib	6701	Camb	1963	GR, Cal, Gd, V	0	6699	40
1297	1318		Clark	Sec. 18	Kin-Ark	1	Erb	6830	Camb	1964	D, I	25	6822	6368
1352	1675		Clark	Sec. 23	Kin-Ark	1	Erb	6573	Camb	1964	GRN, Cal, D	0	6570	6419
1358			Clark	Sec. 23	Kin-Ark	1	Funk	6653	Camb	1966	GRN, Cal, D	0	6652	6573
1336			Clark	Sec. 24	Kubat	1	Miller	1201	Miss	1965	GRN, Cal, D, I	620	1192	
1316			Hardy	Lot 8 (1Q)	Hall	1	Watson	3341	SI	1965	GRN, CC, Pf	1950	3339	
1393			Hardy	Lot 19 (3Q)	Obermiller	3-C	Weaver	3715	Ord	1967	GR, CC, Pf	3400	3689	
1372			Hardy	Lot 20 (3Q)	Davis & Thompson	2	Tidhall	3661	Ord	1966	GR, CC, Pf	3200	3660	
1288	1212		Hardy	Sec. 24	Amerada	1	Force	6190	Camb	1964	GR, I, S	3764	6183	0
1334	1703		Knox	Sec. 19W	Ohio Fuel Gas	1	Martin	5100	Camb	1965	GRN, Cal, D, L	100	4082	6190
1338			Knox	Sec. 24S	K. S. T.	1	Gandee	3136	SI	1966	GRN	2750	3125	4315
1261			Salt Creek	Lot 4 (4Q)	Atlas	1	Bowman	3937	SI	1963	GRN, Cal, D, I, T	100	3936	
1276			Salt Creek	Lot 13 (4Q)	Collins	1	Eber	3823	SI	1961	GR, CC, Pf	3450	3811	
1207			Salt Creek	Lot 28 (4Q)	Kin-Ark	1	Miller	4085	SI	1963	GRN, Cal, D, L	100	4082	
1148			Salt Creek	Sec. 10	Ohio Fuel Gas	1	Miller	3879	SI	1961	GRN, Cal, CC, D, I, T	100	3878	

HOLMES-JEFFERSON COUNTIES

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file					
											Geophysical logs		Samples			
											Type	Maximum range	Type	Log		
1283	1169	Holmes (continued)	Salt Creek	Sec. 25	Parker & Chapman	1	Troyer	7369	Camb	1963	GRN, L	100	7362	Cut	160	7369
1351	1930		Walnut Creek	Sec. 5	Kin-Ark	1	Garber-Miller	6820	Camb	1966				Cut	0	6820
1289	1310		Washington	Sec. 6	Harris	1	Baldner	5185	Camb	1964	GRN	100	5178	Cut	4150	5185
62	2044	Huron	Bronson	Lot 9 (3Q)	McMahon-Bullington	1	Maxwell	3456	Camb	1966	GRN	10	3455	Cut	0	3456
58	1942		Bronson	Lot 32 (4Q)	Kin-Ark	1	Lawrence-Hester-Hettie	3672	Camb	1966	GRN	0	3671	Cut	160	3668
72	1985		Clarksfield	Lot 3 (2Q)	Reliance	1	Letner	4191	Camb	1967	GRN	10	4185	Cut	0	4110
69	1985		Clarksfield	Lot 23 (4Q)	Lake Shore	1	Spoerr	4134	Camb	1967	GRN, Cal, D, I	100	4133	Cut	760	4017
32	1418		Fitchville	Lot 6 (1Q)	Roberts	1	Wargo	4017	Camb	1964				Cut		
43	1834		Fitchville	Lot 31 (3Q)	Kin-Ark	1	Clayton-Crecellus	3902	Camb	1965	GRN	100	3902	Cut	700	3900
74	1992		Fitchville	Lot 46 (4Q)	Ashland	1	Reddick	3978	Camb	1967	GRN, Cal, D, I	0	3977	Cut	0	3975
33	1461		Greenfield	Lot 9 (4Q)	Bradley	1	Smith	3395	Camb	1964	GRN	355	3372	Cut	725	3395
23	1533		Greenfield	Sec. 3	Pure	1	Wheeler	3885	Camb	1963	GRN, Cal, D, I, L	100	3860	Cut	960	3865
60	1950		Hartland	Lot 6 (4Q)	Stocker & Sittler	1	Ernsberger	3975	Camb	1966	GRN	20	3971	Cut	400	3975
41	1534		Lyme	Lot 27 (3Q)	South Union	1	Yingling	2955	Camb	1965	GRN, I	100	2955	Cut	30	2955
53	1943		Lyme	Lot 29 (3Q)	Katie	1	Yingling	2960	Camb	1966				Cut	8	2940
29	29		New Haven	Lot 96 (4Q)	Gernhardt	1	Caudill	3363	Camb	1964	GRN	2600	3362	Cut		
39	39		New Haven	Lot 105 (1Q)	Stocker & Sittler	1	Jopland-Chapman	3590	Camb	1965	GRN, Cal, D, I, L	100	3587	Cut		
28	1234		New Haven	Lot 107 (1Q)	Reliance	1	Newmeyer	3680	Camb	1964	GRN	0	3671	Cut	60	3680
38	1442		New London	Lot 14 (4Q)	Hudson Ohio	1	Johnson	4300	Camb	1964	GRN	920	4304	Cut	400	4300
40	1464		New London	Lot 20 (3Q)	Colorado	1	Rumbaugh	4150	Camb	1965	GRN, I	0	4148	Cut	370	4150
35	1462		Norwich	Lot 14 (2Q)	Horn	1	Hills	3145	Camb	1965	GRN	250	3144	Cut	180	3142
30	1237		Richmond	Sec. 3	Reliance	1-A	Niedermeier	3249	Camb	1963	GRN, V	0	3224	Cut	135	3239
34	1416		Ridgefield	Sec. 1	D. J.	1	Fisher	3245	Camb	1964				Cut	338	3078
36	1505		Ripley	Lot 33 (1Q)	Hudson Ohio	1	Willet	3939	Camb	1964	GRN, Cal, D, I, M, S	100	3938	Cut	700	3925
61	1953		Townsend	Lot 32 (2Q)	Hefner	1	Piue	3855	Camb	1966	GRN	100	3843	Ch	3740	3818
54	54		Townsend	Lot 37 (2Q)	Trolz	1	Conry	3887	Camb	1966	GRN	20	3886	Cut		
56	1831		Townsend	Lot 39 (2Q)	Hefner	2	Hyde	3850	Camb	1966	GRN, Cal, D, I	0	3849	Ch	3753	3802
55	1927		Townsend	Lot 40 (2Q)	Hefner	1	Riley	3833	Camb	1966	GRN, Cal, D	10	3832	Cut	190	3833
59	1949		Townsend	Lot 56 (2Q)	Hefner	1	Meyers	3840	Camb	1966	GRN	20	3834	Cut	0	3840
46	1697		Townsend	Lot 57 (2Q)	Hefner	1	Beck	3950	Camb	1965	GRN	100	3944	Cut	0	3950
52	1854		Townsend	Lot 57 (2Q)	Hefner	1	Beck & Riedy	3882	Camb	1966	GRN, Cal, D	0	3881	Cut	210	3880
77	77		Townsend	Lot 57 (2Q)	Hefner	2	Beck & Riedy	3885	Camb	1967	GRN, D, I	0	3834	Cut		
66	66		Townsend	Lot 58 (2Q)	Dever	1	Hurst	3790	Camb	1966	GRN, Cal, CC, D, Pf	100	3788	Cut		
50	1835		Townsend	Lot 58 (2Q)	Hefner	1	Hyde	3825	Camb	1966	GRN, Cal, D, I	0	3823	Cut	430	3825
51	1851		Townsend	Lot 58 (2Q)	Hefner	1-A	Hyde	965	Dev	1968	GR, CC, Pf	0	922	Cut	200	959
49	1830		Townsend	Lot 63 (2Q)	Hefner	1	Hurst & Marshall	3860	Camb	1966	GRN, Cal, D	100	3876	Cut	430	3880
65	1966		Townsend	Lot 64 (2Q)	Hefner	2	Beck	3870	Camb	1966	GRN	0	3872	Cut	3772	3822
63	63		Townsend	Lot 66 (2Q)	Kin-Ark	1	Finley	3827	Camb	1966	GRN	0	3826	Cut		
57	1940		Townsend	Lot 77 (3Q)	Kubat	1	Kosa	3800	Camb	1966	GRN, Cal, D	0	3798	Cut	80	3800
64	64		Townsend	Lot 81 (2Q)	Kin-Ark	1	Griffin	3785	Camb	1966	GRN, Cal, D, I	0	3847	Cut		
79	2035		Townsend	Lot 92 (4Q)	Kubat	1	Liles & Jarrett	3780	Camb	1967	GRN, Cal, D	650	3771	Cut	1542	3780
76	2000		Townsend	Lot 128 (1Q)	Ashland	1	Bonigut & Hahn	3882	Camb	1967	GRN, Cal, D, I	10	3882	Cut	700	3880
70	1980		Wakeman	Lot 12 (3Q)	Trolz	1	Peabody	3936	Camb	1966	GRN, Cal, D	20	3939	Cut	250	3927
71	2057		Wakeman	Lot 34 (3Q)	Murphy	1	Tkach	3930	Camb	1966	GRN, CC	100	1700	Cut	250	3930
76	1625	Jackson	Franklin	Sec. 23	Halbert	1	Wood	6320	PC	1964	GRN, Cal, D, I	30	6308	Cut	2160	6320
79	1627		Franklin	Sec. 31	Halbert	1	Brown	5981	PC	1964				Cut	0	5830
78	1626		Hamilton	Sec. 28	Halbert	1	Slavens	5681	PC	1964				Cut	0	5680
75	75		Madison	Sec. 30	Davis	1	Davis	2941	SI	1964	GRN	1100	2490	Cut		
371	371	Jefferson	Brush Creek	Sec. 24	Mansfield	1	Twaddle	1300	Miss	1966	GRN, D	10	1299	Cut		
360	360		Ross	Sec. 16	Mansfield	1	McClain	1015	Miss	1966	GR, CC, Pf	800	998	Cut		
361	361		Ross	Sec. 16	Mansfield	2	McClain	954	Miss	1966	GR, D	0	950	Cut		
365	365		Ross	Sec. 16	Mansfield	3	McClain	976	Miss	1966	GRN, D	10	975	Cut		
369	369		Ross	Sec. 22	Mansfield	2	Moore	1005	Miss	1966	GRN, D	20	1004	Cut		

JEFFERSON-KNOX COUNTIES

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file			
											Geophysical logs		Samples	
											Type	Maximum range		Type
373		Jefferson (continued)	Ross	Sec. 22	Mansfield	3	Moore	1020	Miss	1966	GRN, D	15	1019	
374			Ross	Sec. 22	Mansfield	3	Wade	1017	Miss	1967	GRN, D	10	1016	
368			Ross	Sec. 23	Mansfield	1	Moore	961	Miss	1966	GRN, D	10	959	
366			Ross	Sec. 23	Mansfield	2	Shrigley	1512	Dev	1966	GRN, D	10	1510	
370			Ross	Sec. 23	Mansfield	1	Shrigley	1286	Miss	1966	GRN, D	10	1285	
364			Ross	Sec. 23	Mansfield	1	Wade	959	Miss	1966	GRN, D, T	0	958	
367			Ross	Sec. 23	Mansfield	2	Wade	950	Miss	1966	GRN, CC, Pf	10	949	
357			Ross	Sec. 28	Mansfield	1	George	1001	Miss	1966	GRN, D	40	1000	
356			Ross	Sec. 28	Mansfield	2	George	1006	Miss	1966	GRN, D	10	1005	
359			Ross	Sec. 28	Mansfield	3	George	955	Miss	1966	GRN, D	10	954	
363		Knox	Ross	Sec. 28	Mansfield	4	George	969	Miss	1966	GRN, D	10	968	
353	1913		Salem	Sec. 32	Gearhart	1	Miser	6890	Ord	1965	GRN, Cal, D	Cut		20 6890
340	1060		Salem	Sec. 32	Lake Shore	1	Miser	4878	Dev	1961	GRN, T	Cut		99 4870
377	2080		Springfield	Sec. 13	Kiel	1	Modranski	1412	Miss	1967	GRN, D	Cut		0 1410
376			Wayne	Sec. 32	Mansfield	1	Puskarich	1641	Miss	1967	GRN, D		10 1640	
375			Wayne	Sec. 34	Mansfield	1	Holmes	1563	Miss	1967	GRN, D		100 1562	
1746			Berlin	Lot 7 (2Q)	Hallwell	2	Bowers	2318	Sil	1966	GRN, D		1300 2317	
1740			Berlin	Sec. 8	Duncan	1	Bixler	2294	Sil	1966	GR, CC, Pf		1250 2293	
1766			Butler	Lot 4 (1Q)	Professional	1	Busenburg	2816	Sil	1966	GR, CC, Pf		2550 2815	
1789			Butler	Lot 4 (1Q)	Professional	2	Busenburg	2832	Sil	1966	GRN, D		1600 2794	
1856		Butler	Sec. 3	Elkhead	3	Hammond	2837	Sil	1966	GRN		10 2836		
1541	1355	Clinton	Lot 14 (2Q)	Bushing-Finney	5-B	Perrin	4250	Camb	1964	GRN	Cut		480 4240	
1535	1261	Clinton	Lot 20 (3Q)	Pyramid	1-A	Perrin	4350	Camb	1964	GRN	Cut	100 4348	450 4350	
1227		College	Lot 28 (2Q)	Carver-Dodge	1	Hall	4757	Camb	1964	GRN, I	Cut	75 4713	100 4755	
1483		Hillar	Lot 4 (1Q)	Comanche	1	Griffith	4042	Camb	1963	GRN, L		0 4031		
1524		Hillar	Lot 4 (1Q)	Comanche	2	Griffith	4055	Camb	1963	GRN		0 4049		
1875	2002	Hillar	Lot 7 (3Q)	McClure	1	Weaver	3820	Camb	1967	GRN	Cut	0 3818	370 3820	
1489	1161	Hillar	Lot 9 (3Q)	Atha	1	Cordle	3916	Camb	1963	GRN, L	Cut	0 3898	232 3916	
1604	1467	Hillar	Lot 21 (3Q)	Kim-Ark	1	Ruffman	4810	P-C	1964	I, S	Cut	0 4801	2800 4810	
1898	2018	Howard	Lot 16 (4Q)	Turrill	1	Hammon	2675	Sil	1967	GRN, CC, Pf	Cut	10 2671	125 2675	
1545	1275	Howard	Lot 17 (4Q)	Trittippo	1	Dennis	4906	Camb	1964	GRN	Cut	0 4900	200 4900	
1503	1224	Howard	Lot 17 (4Q)	Carver-Dodge	1	Stull	5052	Camb	1963	GRN, Cal, D, I	Cut	0 4160	880 5040	
1788	1852	Liberty	Lot 6 (2Q)	Sohio	1	Horn	4162	Camb	1966	GRN, D	Cut	0 4160	0 4160	
1657		Middlebury	Lot 4 (3Q)	Borton	1	Jennings-Streby	2139	Sil	1965	GRN, D	Cut	300 2138		
1676	1610	Middlebury	Lot 19 (3Q)	Sohio	1	Fisher	4160	Camb	1965	GRN, Cal, D, I	Cut	10 4156	0 4160	
1723		Middlebury	Sec. 6	Duncan	1	Roberts	2302	Sil	1965	GRN	Cut	10 2301		
1688	1641	Middlebury	Sec. 7	Holtom	1	Harrison	2267	Sil	1965	GRN	Cut	1250 2264	346 2251	
1699		Middlebury	Sec. 7	Duncan	1	Warner-Lotz	2251	Sil	1965	GR, Cal, D	Cut	100 2250		
1637		Middlebury	Sec. 11	Sohio	1	Hoffman	2275	Sil	1965	GRN, Cal, D	Cut	0 2273		
1698		Middlebury	Sec. 11	Ragsdale & Crane	1	Martin	2234	Sil	1965	GRN	Cut	1950 2228		
1588	1530	Middlebury	Sec. 19	Sohio	1	Randall	2180	Sil	1964	GRN	Cut	0 2180	0 2180	
1586	1427	Middlebury	Sec. 19	Sohio	1	Tugend	4198	Camb	1964	GRN, Cal, D, I	Cut	30 4197	0 4192	
1813		Middlebury	Sec. 20	Elkhead	1	Burgholder	2205	Sil	1966	GRN	Cut	1880 2204		
1667		Middlebury	Sec. 20	Rastings	1	Shaffer	2187	Sil	1965	GR, CC, Pf	Cut	1850 2184		
1671	1587	Middlebury	Sec. 21	Sohio	1	Mann	2162	Sil	1965	GRN, Cal, D	Cut	150 2161	10 2160	
1590		Middlebury	Sec. 21	T & W	1	1st Nat'l Bank	2214	Sil	1965	GRN, T	Cut	10 2213		
1620		Middlebury	Sec. 21	T & W	3	1st Nat'l Bank	2192	Sil	1965	GRN	Cut	430 2191		
1645	1500	Middlebury	Sec. 21	DeI	1	Zolman	2155	Sil	1965	GRN	Cut	10 2155		
1594	1583	Middlebury	Sec. 22	Sohio	1	Carver	4180	Camb	1965	GRN	Cut		2135 4180	
1655	1583	Middlebury	Sec. 22	Rastings	1	Levering	2209	Sil	1965	GRN	Cut		799 2209	
1593	1450	Middlebury	Sec. 22	Sohio	2	Randall	2270	Sil	1965	GRN	Cut	10 2270		
1565	1403	Middlebury	Sec. 22	T & W	1	Simmons	2116	Sil	1964	GRN, I	Cut	1900 2115	1260 4045	
1567		Middlebury	Sec. 22	T & W	2	Simmons	4068	Camb	1964	GRN, I	Cut	30 4063	4016 4068	
1615	1499	Middlebury	Sec. 22	Sohio	1	Tabor	2156	Sil	1965	GRN	Cut		0 2155	



KNOX-LAWRENCE COUNTIES

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file					
											Geophysical logs		Samples			
											Type	Maximum range	Type	Log Range		
1634	1517	Knox (continued)	Middlebury	Sec. 22	Sohio	2	Tabor	2145	SI	1965	GR, Cal, D	30	2143	Cut	1900	2145
1557	1887		Middlebury	Sec. 22	T & W	1	Wilson	4059	Camb	1964	GRN, I	30	4058	Cut		
1887	1976		Middlebury	Sec. 22	T & W	2	Wilson	4085	Camb	1966	GRN, CC, PI	3300	4047	Cut	0	4250
1855			Milford	Lot 6 (3Q)	Lake Shore	1	Dixon	4250	Camb	1966	GRN, Cal, D, I, L	30	4248	Cut		
1531			Milford	Sec. 9	Rebel	1	Hines	4308	Camb	1964	GRN, CC, PI	0	4308	Cut		
1540	1301		Milford	Sec. 9	Comanche	1-C	Hines	4279	Camb	1964	GRN	3450	4273	Cut	1300	4279
1517	1356		Milford	Sec. 10	Pauller & Fowler	1	Gates	4261	Camb	1964	GRN	520	4248	Cut	4100	4280
1825			Miller	Lot 11 (4Q)	SWB	1	Daubennier	4234	Camb	1965	GRN	2100	4232	Cut		
1583	1569		Monroe	Lot 27 (4Q)	Midland	1	Cunningham	4800	Camb	1964	GRN, D	1950	2187	Cut	1840	4800
1767			Morris	Lot 3 (3Q)	Hallwell	1	Burke & McCauley	2175	SI	1966	GRN, D	1950	2187	Cut		
1768			Morris	Lot 3 (3Q)	Hallwell	1	Turney	2176	SI	1966	GRN, D	1450	2188	Cut		
1865			Morris	Lot 4 (4Q)	Shield	1	Beckley	2223	SI	1966	GRN	1200	2222	Cut		
1815			Morris	Lot 5 (3Q)	Cavaller; Phillips	1-A	Bouton	2163	SI	1966	GRN, Cal, D	400	2162	Cut		
1852			Morris	Lot 5 (3Q)	Hallwell	1	Henthorn	2170	SI	1966	GRN	1900	2168	Cut		
1779			Morris	Lot 5 (3Q)	Hallwell	1	Ore	2224	SI	1966	GRN, D	2000	2223	Cut		
1822			Morris	Lot 6 (3Q)	Cavaller; Phillips	1	McKee	2207	SI	1966	GRN, Cal, D	500	2203	Cut		
1507			Morris	Lot 8 (3Q)	Cavaller	1	Fearn	4490	Camb	1964	GRN	20	4478	Cut	360	2400
1824	2061		Morris	Sec. 11	Shield	1	Millisor	2529	SI	1967	GRN	1550	2573	Cut		
1851			Pike	Sec. 7	Collins	1	Gruenke	2588	SI	1966	GRN	2350	2571	Cut		
1850			Pike	Sec. 7	Collins	1	Webster	2576	SI	1966	GRN, D	795	5742	Cut	20	5745
1413	1839		Pike	Sec. 9	Cantway	1	Cunningham	5745	PC	1961	I, S			Cut	40	4720
1554	1588		Pike	Sec. 9	Midland	1	Earnest	4890	Camb	1964	GRN, D	2600	2882	Cut	4300	4650
1589	1628		Pike	Sec. 17	Mt. Carmel	1	Robinson	4650	Camb	1964	GRN, CC, PI	2500	2858	Cut	300	4872
1501	1223		Pike	Sec. 20	Carver-Dodge	1	Pealar	4872	Camb	1963	GRN, CC, PI	1700	2834	Cut	250	4800
1552	1568		Pike	Sec. 22	Midland	1	Stringfellow	4800	Camb	1964	GRN, D	1950	3218	Cut		
1582	1570		Pleasant	Lot 18 (2Q)	Midland	1	Hall	4725	Camb	1964	GRN, D	900	3243	Cut	1700	4710
1864			Union	Sec. 17	Collins	2	Tucker	2885	SI	1967	GRN, D	2600	2882	Cut	0	2861
1891	2023		Union	Sec. 18	Elkhead	1	McMillan	2861	SI	1967	GRN, CC, PI	2500	2858	Cut		
1529			Union	Sec. 19	Hamblin	1	Landis	2934	SI	1964	GRN, CC, PI	1700	2834	Cut		
1883			Union	Sec. 22	Duncan	1	Carroll Mercury	3227	SI	1967	GRN, D	1950	3218	Cut		
1897			Union	Sec. 22	Duncan	2	Carroll Mercury	3249	SI	1967	GRN, D	900	3243	Cut		
1866			Union	Sec. 23	Elkhead	1	Buseburg	3005	SI	1967	GRN, CC, PI	750	3003	Cut		
1890			Union	Sec. 24	Elkhead	1	Hammond	3069	SI	1967	GRN, CC, PI	2600	3068	Cut		
1818			Union	Sec. 23	Elkhead	1	Hammond	2857	SI	1966	GRN, CC, PI	10	2986	Cut		
1846			Union	Sec. 23	Elkhead	2	Hammond	2916	SI	1966	GRN, CC, PI	10	2906	Cut		
1881			Union	Sec. 24	Elkhead	4	Hammond	2976	SI	1967	GRN, CC, PI	10	2974	Cut		
1752			Wayne	Lot 4 (1Q)	Seibert	1	Nauman	2113	SI	1966	GRN	1600	2109	Cut		
1499			Wayne	Lot 5 (4Q)	Hudson Ohio	1	Fawcett	4215	Camb	1964	GRN, I, S	100	4214	Cut		
1526			Wayne	Lot 6 (3Q)	Simcox	1	Bricker	4080	Camb	1964	GR, S	3750	4037	Cut		
1829			Wayne	Lot 8 (1Q)	T & W	1	Bare	2180	SI	1965	GRN	1150	2174	Cut		
1640			Wayne	Lot 9 (1Q)	T & W	1	Young	2149	SI	1965	GRN, D	0	2148	Cut	460	4180
1599			Wayne	Lot 10 (1Q)	Boase	1	Bollinger	2156	SI	1965	GRN, D	236	2156	Cut		
1528			Wayne	Lot 10 (3Q)	McClure	1	Sherry	4110	Camb	1964	GRN, I, S	100	4108	Cut		
1636			Wayne	Lot 11 (1Q)	T & W	1	Dill	2196	SI	1965	GRN	400	2195	Cut		
1546			Wayne	Lot 29 (2Q)	Publishers	1	Reed	4118	Camb	1964	GRN, Cal, I, M, S	30	4117	Cut		
1555	1148		Wayne	Lot 29 (2Q)	Publishers	2	Reed	4162	Camb	1964	GRN, Cal, I, M, S	30	4117	Cut		
7	1279	Lake	Concord	Lot 3 (Tr-3)	Galey	1	Matteson	3183	SI	1949	GRN, Cal	0	2434	Cut	1398	3181
102			Painesville	Lot 17 (Tr-4)	Diamond Alkali	1	Diamond Alkali	2435	SI	1966	GRN, Cal	100	2422	Cut		
103			Painesville	Lot 17 (Tr-4)	Diamond Alkali	2	Diamond Alkali	2425	SI	1966	GRN, Cal, Gd	0	2462	Cut		
104			Painesville	Lot 20 (Tr-4)	Diamond Alkali	3	Diamond Alkali	2466	SI	1966	GRN, Cal	0	2438	Cut		
105			Painesville	Lot 20 (Tr-4)	Diamond Alkali	4	Diamond Alkali	2442	SI	1966	GR, Cal, D	0	2438	Cut		
174	927	Lawrence	Symmes	Sec. 13	Goldberg	1	Payne	7002	PC	1963	GR, Cal, D, L	3265	7000	Cut	525	1410
187	1987		Windsor	Sec. 18	P. & M.	1	Mootz	3507	SI	1967	GR, Cal, D, L	3265	7000	Cut	100	3470

LICKING COUNTY

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file				
											Geophysical logs	Samples			
												Type	Maximum range	Type	Log
2545	2072	Licking	Bowling Green	Sec. 10	Reliance	2-A	Mack	2851	SI	1967	GRN	400	Cut	540	2941
2051	1837		Burlington	Lot 5 (1Q)	Southern Triangle	1	Swetnam	4349	Camb	1963	GRN, Cal, S	15	Cut	100	4796
2300	1975		Burlington	Lot 17 (4Q)	Lake Shore	1	ShIPLEY	4796	Camb	1965	GRN, Cal, D, I	0	Cut	100	4358
2430			Burlington	Lot 36 (2Q)	Lake Shore	1	Yoakam	4358	Camb	1966	GRN, Cal, D, I	0	Cut	100	4358
2130			Eden	Sec. 7	Lake Shore	1	Beatty	5013	Camb	1964	GRN, Cal, D, I	0	Cut	100	5012
2030	1845		Eden	Sec. 17	Lake Shore	1	Booth	5023	Camb	1963	GRN, Cal, D, DM, I	0	Cut	4010	5010
2129			Eden	Sec. 17	Lake Shore	1	Swick	5100	Camb	1964	GRN, I	30	Cut	5094	
2443			Eden	Sec. 21	Collins	1	Hilleary	2837	SI	1966	GRN, D	2550	Cut	2836	
2272	1912		Etna	Sec. 5	Lake Shore	1	Snyder	4020	Camb	1965	GRN, Cal, D, I	10	Cut	4006	3990
2244			Fallsbury	Sec. 2	Chapel	1	Mizer	3001	SI	1965	GRN, CC, Pf	2700	Cut	3000	
2522			Fallsbury	Sec. 3	Poston	1	Griffith	3033	SI	1967	GRN, CC, Pf	1900	Cut	3022	
2439			Fallsbury	Sec. 3	Collins	1	Far Hills	2920	SI	1966	GRN, D	2580	Cut	2919	
2259			Fallsbury	Sec. 15	Mt. Carmel	1	Nelson	3085	SI	1965	GR, CC, Pf	2570	Cut	2979	
2358			Fallsbury	Sec. 19	Reliance	1	McDonald	3042	SI	1966	GR	2600	Cut	2917	
2328			Fallsbury	Sec. 21	Reliance	1	Moran	2918	SI	1966	GR, Cal	0	Cut	4295	
2360			Fallsbury	Sec. 22	Wilburn	1	Hay	3017	SI	1966	GRN, CC, Pf	2650	Cut	3015	
2376			Fallsbury	Sec. 22	Wilburn	2	Hay	2872	SI	1966	GRN, CC, Pf	2650	Cut	2963	
2398			Fallsbury	Sec. 23	Wilburn	1	Ashcraft	2909	SI	1966	GRN, CC, Pf	2650	Cut	2902	
1510			Franklin	Sec. 11	Terra	1	Stevens	3075	SI	1965	GRN	0	Cut	3075	
2170	1965		Granville	Lot 4 (2Q)	Stocker & Sittler	1	Blackstone-Quick	4295	Camb	1966	GRN	0	Cut	380	4290
2378			Granville	Lot 6 (2Q)	Southern Triangle	1	White	4282	Camb	1963	GRN	100	Cut	4281	4280
2066	1200		Hanover	Lot 21 (4Q)	Olympic	1	Priest	3005	SI	1966	GR, Cal, CC, D, Pf	50	Cut	3004	
2350			Hanover	Sec. 23	Olympic	1	Weich	5424	Camb	1965	GR, Cal, CC, D, I, S	2150	Cut	5423	5395
2254	1681		Harrison	Lot 16 (3Q)	Zenith	1	Smoke	3891	Camb	1965	GRN, Cal, D, I	1650	Cut	3891	1000
1527			Harrison	Lot 20 (3Q)	Buckeye	1	Atkinson	3875	Camb	1965	GRN	0	Cut	1000	3875
2224	1596		Hartford	Lot 1 (3Q)	Kin-Ark	1	Grube	3850	Camb	1965	GRN	0	Cut	3849	
2047	2047		Hartford	Lot 2 (4Q)	Atha	2	Martin	4027	Camb	1963	GRN	100	Cut	2046	
1998	1100		Hartford	Lot 2 (4Q)	Atha	1	Mulligan	4492	Camb	1963	GRN, L, S	20	Cut	4475	15
2057	1213		Hartford	Lot 2 (3Q)	Atha	1	Roberts	4952	PC	1964	GRN, L	100	Cut	4950	1160
1165			Hartford	Lot 8 (2Q)	Atha	2	Canaday	4200	Camb	1963	GRN, I	100	Cut	4000	3000
2520	2056		Hopewell	Sec. 9	Barpex	1	Paul	3190	SI	1967	GRN	200	Cut	3187	0
2551			Hopewell	Sec. 9	Barpex	2	Paul	3202	SI	1967	GRN	270	Cut	3205	3190
2437			Hopewell	Sec. 10	Wilson	2	Fisher	3150	SI	1966	GRN, Pf	2850	Cut	3147	
2407			Hopewell	Sec. 10	Wilson	3	Harper	3246	SI	1966	GRN	2800	Cut	3245	
2511			Hopewell	Sec. 10	Wilson	4	Harper	3173	SI	1967	GRN, CC, Pf	2800	Cut	3164	
1836	2189		Jersey	Sec. 5	Great Basins	1	Chapdelaine-Smith	4053	Camb	1965	GRN, I	0	Cut	4052	40
1707	2261		Lima	Lot 11 (4Q)	Ohio Valley	1	Combs	3644	Camb	1966	GRN	20	Cut	3643	260
2252	1717		Lima	Lot 16 (3Q)	Ashland	1	Schmelzer	4802	PC	1965	GRN, Cal, D, I, S	10	Cut	4793	520
1847	2315		Lima	Lot 16 (3Q)	Hunting	1-A	Schmelzer	3739	Camb	1966	GRN	20	Cut	3738	292
2351			Madison	Lot 10 (1Q)	Haltwell	1	Priest	2687	SI	1966	GRN, D	20	Cut	2680	
2389	2389		Madison	Lot 17 (1Q)	Haltwell	1	Jones	2800	SI	1966	GR, Cal, D, I	1600	Cut	2787	
2444	2402		Mary Ann	Lot 7 (4Q)	Collins	1	Daily	2683	SI	1967	GRN, D	2400	Cut	2682	
2471			Mary Ann	Lot 8 (4Q)	Collins	1	Davis	2704	SI	1966	GRN, D	2400	Cut	2703	
2553			Mary Ann	Lot 12 (1Q)	Haltwell	1	Wilson	2968	SI	1967	GRN, CC, Pf	2800	Cut	2967	
1826	1062		Mary Ann	Lot 13 (1Q)	Altier	1	Jones	2649	SI	1967	GRN	2500	Cut	2648	
2135	1342		McKean	Lot 15 (1Q)	Lake Shore	1	Crowley	5991	PC	1961	GRN, L, S	100	Cut	5989	202
2303			Perry	Sec. 13	Smith	1	Ego	4513	Camb	1964	GRN, I, S	100	Cut	4511	
2480			Perry	Lot 27 (4Q)	Hunting	1-A	Osborn	2963	SI	1966	GR, Cal, D	25	Cut	2962	
2481			Perry	Lot 29 (4Q)	Hunting	2-B	Fleming	3058	SI	1967	GR, Cal, CC, D, Pf	100	Cut	3058	
2340			Perry	Lot 30 (4Q)	Hunting	1-A	McCoy	3153	SI	1967	GR, Cal, CC, D, Pf	100	Cut	3153	
2395			Perry	Lot 34 (4Q)	Hunting	1-A	White	2977	SI	1966	GR, Cal, CC, D, Pf	0	Cut	2976	
2304			Perry	Lot 35 (4Q)	Hunting	1-A	Osborn	3025	SI	1966	GR, Cal, CC, D, Pf	0	Cut	3010	
2302			Perry	Lot 36 (4Q)	Hunting	1-A	Fleming	2906	SI	1966	GR, Cal, D	0	Cut	2905	
2341			Perry	Lot 37 (4Q)	Hunting	1-A	Baughman	2888	SI	1966	GR, Cal, D	100	Cut	2887	
			Perry	Lot 37 (4Q)	Hunting	2-A	Baughman	2904	SI	1966	GR, Cal, D	0	Cut	2903	

LICKING-LORAIN COUNTIES

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Geophysical logs		Information on file		
											Type	Maximum range	Type	Log	
2422		Licking (continued)	Perry	Sec. 3	Wilburn	1	Evans	2861	SI	1966	GRN, CC, Pf	2700	2880		
2427			Hallwell	Sec. 4	Hallwell	1	Bucher	2855	SI	1966	GRN	2600	2954		
2353			Hallwell	Sec. 4	Hallwell	1	Mills	2975	SI	1966	GRN, D	2550	2873		
2408			Hallwell	Sec. 4	Hallwell	3	Mills	3065	SI	1966	GRN	2700	3062		
2411			Hallwell	Sec. 5	Collins	1	Harris	2895	SI	1966	GRN, D	2550	2891		
2384		Licking	Perry	Sec. 5	Collins	1	Kerr	2970	SI	1966	GRN, D	2850	2861		
2452			Perry	Sec. 6	Hallwell	2	McCoy	2893	SI	1967	GRN, CC, Pf	2550	2882		
2457			Perry	Sec. 8	Cowan & McMillan	2	McArdor	2962	SI	1967	GRN, CC, D, Pf	2700	2981		
2312			Perry	Sec. 13	Cowan & McMillan	1	McArdor	2940	SI	1966	GRN, D	2250	2940		
2474			Perry	Sec. 15	Hallwell	1	Felumlee	2955	SI	1967	GRN	2600	2939		
2483			Perry	Sec. 16	Hunting	1-A	Nichols	2350	SI	1967	GR, Cal, D	100	2349		
2435			Perry	Sec. 16	Hunting	1-A	Smithers	2869	SI	1967	GR, Cal, CC, D, I, Pf	100	2869		
2382			Perry	Sec. 17	Hunting	1-A	Calbraith	2860	SI	1966	GR, Cal, CC, D, Pf	100	2860		
2339			Perry	Sec. 17	Hunting	1-A	Smith	2833	SI	1966	GR, Cal, CC, D, Pf	0	2814		
2362			Perry	Sec. 17	Hunting	1-A	Van Allen	2923	SI	1966	GR, Cal, D, I	100	2922		
2436			Licking	Perry	Sec. 18	Hunting	1-A	Deeds	2901	SI	1967	GRN, CC	100	2900	
2393				Perry	Sec. 18	Hunting	1-A	McKee	2908	SI	1966	GR, Cal, CC, D, Pf	0	2901	
2017	1201			Perry	Sec. 23	Reliance	1	Sommerville	2951	SI	1963	GRN, CC	2600	2943	
2067				St. Albans	Lot 10 (4Q)	Southern Triangle	1	Preston	4253	Camb	1964	GRN	0	4252	
2219				Union	Lot 2 (4Q)	Natol	1	St. Peter & Paul Sem.	4446	Camb	1965	GRN, I, S	0	4437	60 4253
2181	1838	Union		Lot 6 (3Q)	Burrell	1	Adams	4222	Camb	1965	GRN	15	4221	3470 4214	
2294	1698	Union		Lot 12 (2Q)	Lake Shore	1	Deeds	4445	Camb	1965	GRN, Cal, CC, D, I, Pf, S	0	4444	100 3390	
2338		Union		Sec. 8	Hunting	1-A	Snyder	4231	Camb	1966	GRN	0	4230		
55	1507	Logan		Bokes Creek	VMSL 7995	Hudson Ohio	1	Walton	2140	Camb	1964	GRN	420	2139	420 2134
31	1220			Jefferson	VMSL 5088	Humble	1	Heminger	2377	Camb	1962	GRN	50	2369	70 2377
50	1388		Lake	VMSL 3322	Ross	1	Ward	3276	Camb	1964	GRN			1200 3276	
65	1986		McArthur	VMSL 9928	Fields	1	Whitaker	2017	Camb	1965	GRN			600 1863	
39	1305		Monroe	VMSL 6762	Harrison	1	Cole	2865	Camb	1964	GRN			1675 2700	
45	1445	Lorain	Perry	VMSL 4210	B & H	1	Robson	2905	Camb	1964	GRN, T	1300	1891	950 2900	
38	1487		Stokes	VMSL 12276	Virvski	1	Countryman	1892	Camb	1964	GRN			1358 1892	
82	2094		Washington	Sec. 6	Midwest	1	Goebel	1859	Camb	1967	GRN			45 1855	
48	1447		Zane	VMSL 3680	Pruitt	1	DeVault	2745	Camb	1964	GRN, Cal, I, M	100	2734	1170 2745	
860			Avon	Sec. 26	Holly	3	Nagle	2521	SI	1965	GRN	10	1217		
863			Avon	Sec. 28	Avon	1	Heck	1065	Dev	1965	GRN, CC, Pf	850	1063		
914			Black River	Tr. 1	Diamond Crystal	1	City of Lorain	1611	SI	1987	GRN	0	1612		
795	926		Brighton	Lot 9 (Tr. 7)	Ohio Fuel Gas	1	Burge	4513	Camb	1961	GRN, L, S	100	4470	1061 4406	
854	1514		Brighton	Lot 32 (Tr. 8)	Midland	1	Gregg	4357	Camb	1965	GRN, D, L	100	4326	3563 4357	
837	1236		Brighton	Lot 33 (Tr. 8)	Pure	1	Fehlan	4404	Camb	1964	GR, I, S	800	4387	445 4404	
912	2042	Brownhelm	Lot 38	Kapp	1	Ellison	4035	Camb	1967	GRN, D	10	4035	0 4035		
909		Eaton	Lot 82	Kapp	1	Spitzer Ford	2536	SI	1967	GRN, CC, Pf	450	2535			
920		Eaton	Lot 82	Kapp	2	Spitzer Ford	2500	SI	1967	GRN, CC, Pf	400	2498			
919		Eaton	Lot 99	Kapp	1	Shanislowski	2500	SI	1967	GRN, Cal, D, I	0	2496			
927		Grafton	Lot 23	Kapp	1	Spisak	2580	SI	1967	GRN, CC, Pf	200	2576			
913		Grafton	Lot 42	Kapp	1	Yarish	2537	SI	1967	GRN	1100	2536			
859		Grafton	Lot 56	Great Basins	1	Maurer	4974	Camb	1965	GRN, Cal, D, L	100	4970			
905	2047	Grafton	Lot 63	Kapp	1	King	2657	SI	1967	GRN	10	2658	0 2650		
904		Grafton	Lot 77	Biffle	1	Kaczay	2668	SI	1967	GRN, CC, Pf	10	2648			
910		Grafton	Lot 100	Kapp	1	Toole	2553	SI	1967	GR, Cal, D, I	100	2652			
925		Grafton	Lot 100	Kapp	2	Toole	2630	SI	1967	GRN	20	2628			
862	1991	Henrietta	Lot 19	East Ohio	1	Reighley	4130	Camb	1966	GRN, Cal, D, I, L	0	4132	0 4130		
897		Henrietta	Lot 24	Kennedy	1	Boy Scouts	3954	Camb	1967	GRN, Cal, D, I, L	0	3952			
890		Henrietta	Lot 24	Vaught	1	Harrison	3930	Camb	1966	GRN, Cal, CC, D, I, L, Pf	0	3916			
908	2022	Henrietta	Lot 100	Kin-Ark	1	Hasenpflug	4043	Camb	1967	GRN, Cal, D, I, L	0	4042	0 4040		

MADISON-MARION COUNTIES

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file					
											Geophysical logs		Samples			
											Type	Maximum range	Type	Log	Range	
2	1676	Madison	Canaan	VMSL 7791	Weed	1	Rickard	2256	Camb	1965	GRN	1443	2255	Cut	50	2255
3	1694		Fairfield	VMSL 9717	Amerada	1	Hume	3631	PC	1965	GRN, Cal, I, S	0	3615	Cut	0	3630
4	1693		Jefferson	VMSL 7628	Amerada	1	Engle	2570	Camb	1965	GRN, Cal, I, S	0	2564	Cut	0	1550
1	1690		Range	VMSL 4156	Carr	1	Dorn	2244	Camb	1964				Cut	1700	2244
224		Mahoning	Beaver	Sec. 28	Jennings	1	Veynovich	5950	Ord	1965	GRN	5050	5922	Cut		5260
202	1186		Berlin	Lot 25(Tr.3)	El Paso Natural Gas	1	Winans	5260	Sil	1963	GRN, Cal, CC, D, I, Pf	100	5255	Cut	10	5260
200	1185		Ellsworth	Sec. 21	East Ohio	1	Cain	5184	Ord	1963				Cut	40	4920
165	1906		Smith	Sec. 11	El Paso Natural Gas	2	Herren	5190	Sil	1962				Core	3324	3339
239			Smith	Sec. 13	Doriman	1	Warren	5340	Ord	1967	GRN, Cal, CC, D, Pf	100	5337			
149	1064		Smith	Sec. 16	Atlas	1	Scheeni	5290	Sil	1962				Cut	0	5200
187			Smith	Sec. 17	Atlas	1	Bayless	5148	Sil	1963	GRN, Cal, D, L	0	5144			
188			Smith	Sec. 21	Midland	1	Osborne	5220	Sil	1963	GRN, V	3050	5219			
189			Smith	Sec. 23	Tri-State	1	Hahlen	5285	Sil	1962	GRN	0	5283			
188			Smith	Sec. 23	Southern Triangle	1	Springer	5378	Sil	1962	GRN, D	300	5377			
219			Smith	Sec. 31	XIT	1	Alliance	5202	Sil	1965	GRN	3100	5166			
233			Smith	Sec. 33	All States	1	Alliance	5277	Ord	1966	GRN, CC, D, Pf	4500	5278			
229			Smith	Sec. 33	All States	1	Amon	5284	Sil	1966	GRN, CC, D, Pf	300	5253			
231			Smith	Sec. 33	All States	1	Brown	5262	Sil	1966	GRN, CC, D, Pf	450	5259			
232			Smith	Sec. 33	All States	2	Brown	5295	Ord	1966	GRN, CC, D, Pf	3050	5292			
227			Smith	Sec. 33	Beiz	1	Zurbrugg	5243	Sil	1966	GRN, D, I, T	0	5242			
230			Smith	Sec. 36	East Ohio	1	Ritche	5472	Ord	1966	GRN, I, L	20	5471			
225			Springfield	Sec. 10	Baumgartner	1	Barth	831	Miss	1966	GRN, Cal, D, I	0	830			
59		Marion	Big Island	Sec. 11	Cox	1	Thacker	2307	Camb	1964	GRN	1300	2306			
29			Big Island	Sec. 14	General	1	Wooley	2251	Camb	1964	GRN, V	0	2207			
100			Big Island	Sec. 14	Big Island	2	Wooley	2250	Camb	1965	GRN	0	2249			
42	1221		Big Island	Sec. 24	Crawford	1	Conway	2452	Camb	1964	GRN	30	2451	Cut	100	2452
83	1460		Big Island	Sec. 33	Ragsdale & Crain	1	Basel	2333	Camb	1964	GRN	50	2324	Cut	940	2333
84			Claridon	Sec. 9	Adkins	1	Showers	2800	Camb	1964	GRN, L	0	2796			
75			Claridon	Sec. 10	Adams	1	Seckel	2870	Camb	1963	GRN, Gd	0	2868			
77	1380		Claridon	Sec. 13	Lichlyter	1	Bayles	2951	Camb	1965	GRN	100	2950			
79			Claridon	Sec. 21	Kentucky Dlg.	1	Bear	2880	Camb	1964				Cut	350	2875
18	1093		Claridon	Sec. 25	Adams	1	Gatewood	2992	Camb	1963	GRN	0	2980	Cut	100	2992
81	1413		Claridon	Sec. 28	Texasco	1	Retterer	2910	Camb	1964				Cut	300	2900
49			Claridon	Sec. 29	Comanche	1	Schwaderer	2799	Camb	1964	GRN	0	2795			
66	1357		Claridon	Sec. 32	Midland	1	Gruber	3459	PC	1964	GRN	50	3454			
74	1904		Claridon	Sec. 32	Midland	2	Gruber	2884	Camb	1964	GRN	400	2884	Cut	750	2880
19			Claridon	Sec. 34	Adams	1	Smith	2952	Camb	1964				Cut	2200	2950
80	1401		Grand	Sec. 36	Shrider	2	Ault	3012	Camb	1963	GRN	2100	2997			
54	1299		Green Camp	Sec. 31	Kentucky Dlg.	1	Fogle	1949	Camb	1964				Cut	0	1949
93	1633		Pleasant	VMSL 9867	Santoro	1	Alken	2158	Camb	1964				Cut	50	2158
50	1311		Pleasant	Sec. 13	Lohmann-Johnson	1	Ackerman	2600	Camb	1965				Cut	410	2600
86			Pleasant	Sec. 19	Cheatham	1	Lust	2387	Camb	1964				Cut	1500	2385
87	1441		Pleasant	Sec. 21	Morrow	1	Eckley	2530	Camb	1964	GRN, S	758	2488			
82			Prospect	Sec. 29	Hudson Ohio	1	Cusick	2462	Camb	1964	GRN, Cal, D, I, M	400	2461	Cut	400	2455
57	1575		Richland	Lot 18 (4Q)	Piggott	1	Roit	2465	Camb	1964	GRN	1600	2464			
24			Richland	Sec. 3	Adams	1	Jevas	2903	Camb	1964	GRN, I	100	2903	Cut	2000	2903
47			Richland	Sec. 11	Adams	1	Kraner	2949	Camb	1964	GR, V	0	2947			
44			Richland	Sec. 16	Hudson	1	Lehner	2718	Camb	1964	GRN	1900	2919			
23			Salt Rock	Sec. 25	Jenkins; Baldwin	2	Heimlich	2870	Camb	1964	GRN	400	2870			
65			Scott	Sec. 15	Meese	1	Lane	2118	Camb	1963	GR, S	0	2118			
103	1983		Tully	Sec. 36	Ideal	1	Harrison	2862	Camb	1964	GRN	2050	2849			
				Sec. 27	Lake Shore	1	Hedding	3209	Camb	1966	GRN, Cal, D, I	100	3208	Cut	60	3209

MARION-MEDINA COUNTIES

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file					
											Geophysical logs	Maximum range	Samples			
											Type	Type	Log	Range		
16	1940	Marion (continued)	Tully	Sec. 31	Hogan & Leonard	1	Kellog-Honaker	3034	Camb	1963	GRN	0	3025	Cut	2560	3034
101	1696	Medina	Waldo	Sec. 35	Cities Service	1	Hecker	2510	Camb	1965	GRN	0	3025	Cut	0	2450
1575	1617		Chatham	Lot 5(Tr.16)	Preston	44	Parent	332	Miss	1965	GRN, Cal, D, I	100	331			
1642	1682		Guilford	Sec. 3	Preston	86	Farnsworth	3481	Miss	1967	GR, D	0	351			
1686	1686		Guilford	Sec. 3	Obermiller	1	Farnsworth	3492	SI	1967	GRN, D	2000	3476			
1680	1680		Guilford	Sec. 4	Obermiller	3-A	Farnsworth	3498	SI	1967	GRN, D	2000	3444			
			Guilford	Sec. 4	Obermiller	1	Schaub	3492	SI	1967	GRN, D	2000	3474			
1694			Guilford	Sec. 28	King	1	Goff	3600	SI	1967	GR, Cal, D, T	2100	3594			
1665			Guilford	Sec. 29	McMillen	1	Hinkle	3425	SI	1967	GRN, D	400	3424			
1674			Guilford	Sec. 30	King	1	Smith	3461	SI	1967	GR, D, T	1900	3460			
1682			Guilford	Sec. 30	King	1	Wiess	3488	SI	1967	GR, D, T	1900	3488			
1475			Harrisville	Lot 107	King	6	Hall	2864	SI	1964	GR, CC, Pf	2800	2851			
1474			Harrisville	Lot 117	King	5	Hall	2817	SI	1964	GRN, CC, Pf	2500	2811			
1591			Sharon	Lot 1	All States	1	Demeter	3674	SI	1966	GRN, CC, D, Pf	3100	3653			
1594			Sharon	Lot 1	All States	1	McMillan	3670	Ord	1966	GRN, CC, D, Pf	2000	3669			
1498			Sharon	Lot 15	King	1	Andreoli	3700	SI	1964	GR, CC, Pf, T	3300	3687			
1597			Sharon	Lot 17	King	1	Gurin	3738	Ord	1966	GRN, T	3200	3737			
1648			Sharon	Lot 17	King	2	Gurin	3682	SI	1967	GR, T	3200	3682			
1622			Sharon	Lot 17	King	1	Reich	3663	SI	1966	GR, D, T	3200	3661			
1588			Sharon	Lot 18	All States	1	Morris	3700	SI	1966	GRN, CC, Pf	2000	3710			
1583			Sharon	Lot 19	All States	1	Waters	3651	SI	1966	GRN, CC, D, Pf	1950	3651			
1587			Sharon	Lot 23	King	1	Morris	3550	SI	1966	GRN, T	1950	3550			
1595			Sharon	Lot 23	King	1	Row	3529	SI	1966	GRN, T	1950	3526			
1647			Sharon	Lot 23	King	2	Row	3582	SI	1967	GR, T	2000	3581			
1582			Sharon	Lot 24	All States	1	Chrisman	3594	SI	1966	GRN, CC, P, Pf	600	3594			
1596			Sharon	Lot 24	King	1	Raw	3580	SI	1966	GRN, T	3050	3553			
1631			Sharon	Lot 24	King	1	Reich	3669	SI	1967	GR, T	2050	3650			
1576			Sharon	Lot 24	All States	1	White	3616	SI	1966	GRN, CC, D, Pf	550	3616			
1621			Sharon	Lot 24	King	1	Hruszkewycz	3672	SI	1966	GRN, D, T	2050	3672			
1525			Sharon	Lot 36	King	4	Swartz	3551	SI	1965	GR, CC, Pf	3270	3529			
1535			Sharon	Lot 36	King	6	Swartz	3540	SI	1965	GR, T	3200	3513			
1553			Sharon	Lot 37	King	1	Bolas	3530	SI	1965	GR, CC, Pf	3200	3526			
1552			Sharon	Lot 37	King	1	Kufchak	3549	SI	1965	GR, T	3150	3525			
1573			Sharon	Lot 37	King	1	Mauch	3536	SI	1965	GR	3200	3511			
1649			Sharon	Lot 37	King	2	Mauch	3603	SI	1967	GR, T	2750	3602			
1486			Sharon	Lot 37	King	2	Swartz	3563	SI	1964	GR, T	3200	3556			
1534			Sharon	Lot 37	King	5	Swartz	3550	SI	1965	GR, T	3200	3528			
1541			Sharon	Lot 37	King	7	Swartz	3549	SI	1965	GR	3200	3539			
1559			Sharon	Lot 37	King	8	Swartz	3553	SI	1965	GR, T	3150	3553			
1564			Sharon	Lot 37	King	1	Webster	3549	SI	1965	GRN, CC, Pf	3200	3539			
1565			Sharon	Lot 37	King	2	Webster	3555	SI	1966	GRN, CC, Pf	3200	3511			
1556			Sharon	Lot 38	King	1	Waggoner	3543	SI	1965	GRN, T	3100	3527			
1599			Sharon	Lot 38	King	2	Waggoner	3507	SI	1966	GRN, T	1950	3506			
1532			Sharon	Lot 44	King	1	Johnson	3560	SI	1965	GR, T	3200	3560			
1481			Sharon	Lot 44	King	1	Swartz	3598	SI	1964	GR, CC, Pf	3300	3578			
1503			Sharon	Lot 44	King	3	Swartz	3511	SI	1965	GR, T	3250	3511			
1493			Sharon	Lot 45	King	1	Ebert	3512	SI	1964	GR	3500	3508			
1502			Sharon	Lot 45	King	2	Ebert	3533	SI	1965	GR	3200	3532			
1488			Sharon	Lot 45	King	1	Sullivan	3558	SI	1964	GR, CC, Pf	3250	3540			
1504			Sharon	Lot 45	King	2	Sullivan	3494	SI	1965	GR, T	3200	3487			
1533			Sharon	Lot 45	King	3	Sullivan	3554	SI	1965	GR, T	3200	3554			
1543			Sharon	Lot 45	King	4	Sullivan	3551	SI	1965	GR	3200	3544			

MEDINA-MORGAN COUNTIES

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file			
											Geophysical logs		Samples	
											Type	Maximum range		Log
1544		Medina (continued)	Sharon	Lot 45	King	5	Sullivan	3500	SI	1965	GR	3260	3486	
1518			Sharon	Lot 46	King	1	Staufer	3565	SI	1965	GR	3250	3558	
1547			Sharon	Lot 46	King	2	Staufer	3529	SI	1965	GR, T	3200	3528	
1661			Sharon	Lot 54	King	1	Farnsworth	3592	SI	1967	GR, T	1900	3592	
1580			Sharon	Lot 62	King	1	Grindle	3801	SI	1966	GR, T	3250	3810	
1593			Sharon	Lot 62	King	2	Grindle	3643	SI	1966	GRN, T	2050	3642	
1555			Sharon	Lot 68	King	1	Farris	3712	SI	1965	GRN, CC	3300	3658	
1512			Sharon	Lot 74	King	1	Stiles	3727	SI	1965	GRN, D	3450	3719	
1678			Sharon	Lot 75	King	1	Hayes	3750	SI	1967	GR, T	3450	3750	
1590			Sharon	Lot 76	King	1	Farnsworth	3760	SI	1966	GRN, T	2150	3759	
1628		Sharon	Lot 76	King	1	Nedoh	3792	SI	1967	GR, D, T	2150	3783		
1653		Sharon	Lot 76	King	2	Nedoh	3763	SI	1967	GR, T	2150	3763		
1605		Sharon	Lot 76	King	1	Wolf	3783	SI	1966	GRN	3350	3792		
1635		Sharon	Lot 77	King	1	Morris	3784	SI	1967	GR, T	2150	3783		
1569		Wadsworth	Lot 10 (4Q)	King	1	Geig	3952	SI	1965	GR	3500	3846		
1585	2083	Wadsworth	Lot 24 (3Q)	King	1	Bolich	3762	SI	1966	GRN, D	2100	3762	50	
1658		Wadsworth	Lot 26 (3Q)	King	1	Wadsworth	3700	SI	1967	GRN, D	1600	1993	3700	
1487		Westfield	Lot 33	King	3	Bobler	3281	SI	1964	GR, CC, Pf	2950	3284		
1507		Westfield	Lot 33	King	4	Bobler	3348	SI	1965	GR, T	3000	3347		
1508		Westfield	Lot 33	King	5	Bobler	3297	SI	1965	GR, CC, Pf	3000	3297		
1486		Westfield	Lot 53	King	2	Jarvis	3280	SI	1964	GR, CC, Pf	3000	3280		
1380		Meigs	Olive	Sec. 17	Empire	1	Rood	1994	Miss	1964	GRN, Cal, D	1600	1993	
119	1256	Mercer	Black Creek	Sec. 19	Yoder	1	Buchanan	1153	Ord	1962				0
138	2038		Union	Sec. 27	Harner	1	Harner	1224	Ord	1967				60
11	1939	Miami	Brown	Sec. 2	McHale	1	Roemisch	3064	Camb	1966	GRN	0	3055	215
8	1681		Staubton	Lot 1	Pettit	1	Trogan	3015	Camb	1965	GRN	250	3011	1000
9			Staubton	Sec. 4	Pettit	1	Knoop	3061	Camb	1965	GRN, Cal, D	0	3059	
1700	1049	Monroe	Center	Sec. 19N	Gallaher	1	Hudson	3555	Dev	1967	GRN, Cal, D	1300	3554	0
1594			Jackson	Sec. 18	U. S. Government	1	North American	6701	SI	1962	GRN, T	0	6562	6550
1687	2064		Washington	Sec. 7	Bode	1	Weckbacker	2317	Dev	1967				1295
1712			Washington	Sec. 8	Patrick	1	Knowlton	3605	Dev	1967				2290
1664	1933		Washington	Sec. 11	Dye	2	Dye	1310	Miss	1966	GRN, Cal, CC	100	3604	530
1684		Wayne	Wayne	Sec. 8	Paulus	2	McGarry	1860	Miss	1967	GR, Cal, D	100	1854	
1672	1978		Wayne	Sec. 9	Paulus	1	Drake	1733	Miss	1967				640
1688	2063		Wayne	Sec. 9	Backer & Gerber	1	Strickling	3209	Dev	1967	GRN, Cal, D, T	1192	3197	1753
1679			Wayne	Sec. 15	Backer & Gerber	1	Strickling	2076	Miss	1967	GRN, Cal, D, T	1242	2067	2985
1100		Morgan	Deerfield	Sec. 19	Hoagland	1	Backer	4201	SI	1966	GRN	20	4200	
1108			Deerfield	Sec. 21	Hunting	1-A	Clemens	4196	SI	1966	GR, Cal, D	0	4195	
1109			Deerfield	Sec. 21	Hunting	1-A	Patterson	4274	SI	1966	GR, Cal, CC, D, Pf	0	4216	
1118			Deerfield	Sec. 28	Hunting	1-A	Harker	4216	SI	1967	GR, Cal, D	100	4215	
1119			Deerfield	Sec. 30	Hunting	1-A	Aitler	4074	SI	1967	GRN	1100	4074	
1098			Deerfield	Sec. 30	Hoagland	1	Glenn	4236	Ord	1965	GRN	0	4235	
1106			Deerfield	Sec. 30	Hunting	1	Glenn	4061	Ord	1966	GRN, Cal, CC, D, I, L, Pf	100	4080	
1124			Homer	Sec. 4	Cameron & Kincaid	1	Hart	1871	Miss	1967	GRN, CC, Pf	1400	1570	
1125			Homer	Sec. 4	Cameron & Kincaid	2	Hart	1622	Miss	1967	GRN, CC, Pf	1450	1615	
1141			Homer	Sec. 4	Cameron & Kincaid	4	Hart	1594	Miss	1967	GRN, CC, Pf	1400	1593	
1130			Homer	Sec. 4	Cameron & Kincaid	1	Parsons	1343	Miss	1967	GRN, CC, Pf	1100	1342	
1129	1989		Homer	Sec. 5	Cameron & Kincaid	1	Howard	1637	Miss	1967	GRN, CC, Pf	1450	1633	0
1137			Malta	Sec. 26	Cameron	1	Newsom	1654	Miss	1967	GRN, CC, Pf	1450	1653	
1127	1994		Manchester	Sec. 33	Texaco	1	Hill	3860	Dev	1967	GRN, Cal, D, I	100	3856	0
1046			Marion	Sec. 19	Midwest	1	Huffman	1675	Miss	1963	GRN, CC	0	1674	

## MORGAN-MORROW COUNTIES

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file			Range	
											Type	Maximum	Log		
											Geophysical logs		Samples		
											Type	Range	Type	Log	
1128		Morgan (continued)	Marion	Sec. 35	Rellance	1	Stanley	1522	Miss	1967	GRN, CC, Pf	1200	1517		
1126			Marion	Sec. 35	Rellance	2	Wells	1475	Miss	1967	GRN, D	1150	1474		
1135			Morgan	Sec. 3	Edwards	1	Fuller	1305	Miss	1967	GRN, CC	700	1298		
1048			Penn	Sec. 14	Lawton	1	Hilman	4886	SI	1964	GRN, D	0	4885		
1077			Windor	Sec. 29	Kalan	1-P	White	545	Ord	1965	GRN, CC, Pf	0	326		
1104			York	Sec. 36	Hoagland	1	Spring	4007	Ord	1966	GRN, CC, D, Pf	1086	4002		
2458			Morrow	Bennington	Lot 1 (1Q)	Buckeye	1	Columbus Fireworks	3871	Camb	1965	GRN	3050	3868	
2050				Bennington	Lot 2 (1Q)	Jackson	1	Ross	3832	Camb	1964	GRN	10	3830	3410
137	1245			Bennington	Lot 3 (2Q)	Keener	1	Fuller	3506	Camb	1963				3506
1560	1262			Bennington	Lot 3 (1Q)	Jackson	1	Grandstaff	3825	Camb	1964	GRN			2800
982		Bennington		Lot 3 (1Q)	Brasel & Brasel	1	Ramsey	3775	Camb	1964	GRN, L	100	3772		
2338		Bennington		Lot 3 (1Q)	Brasel & Brasel	2	Ramey	3775	Camb	1965	GRN	0	3774		
116		Bennington		Lot 3 (2Q)	Sharp	1	Weber	3487	Camb	1963	GRN, CC	2450	3486		
256	1608	Bennington		Lot 4 (2Q)	Weed	2	Agree & Bandy	3475	Camb	1963	GRN	2600	3471	2778	
168		Bennington		Lot 4 (2Q)	Sharp	1	Cain	3543	Camb	1963	GRN	3539	3540	3475	
2858		Bennington		Lot 4 (3Q)	McClure	1	Gaddis-Fuller	3304	Camb	1966	GR, Cal, D, I	150	3303		
153		Bennington	Lot 6 (2Q)	Sharp	1	McAdams	406	Dev	1963	GR, CC	0	401			
831		Bennington	Lot 6 (2Q)	Jackson	1	Skages	3683	Camb	1964	GRN	0	3673			
2209		Bennington	Lot 7 (2Q)	Keener	1	McAdams	3449	Camb	1964	GRN	650	3448			
2136		Bennington	Lot 10 (2Q)	Hudson Ohio	1	Whipple	3590	Camb	1964	GRN, Cal, D, I, M	400	3589			
2831		Bennington	Lot 11 (2Q)	Wenner	1	Hay	3370	Camb	1966	GR, Cal, D, I	1500	3370			
1577		Bennington	Lot 11 (2Q)	Comanche	1	Westbrook	3474	Camb	1964	GRN	2684	3469			
267	1174	Bennington	Lot 13 (4Q)	Brasel & Brasel	1-A	Cleveland	3516	Camb	1963	GRN	2700	3508	148		
1368	1353	Bennington	Lot 13 (3Q)	Wray	1	McBee	4450	PC	1964	GRN, Cal, I, S	100	4410	2850		
2497		Bennington	Lot 14 (1Q)	Jackson	3-B	Ramey	3751	Camb	1965	GRN	100	3750	4450		
726		Bennington	Lot 18 (1Q)	Keener	1	Brodess	3676	Camb	1964	GRN	2700	3508			
2860		Bennington	Lot 18 (3Q)	McClure	1	Weaver	3419	Camb	1966	GR, Cal, D, I	20	3418			
2146		Bennington	Lot 20 (2Q)	Gibson	1	Evans	3325	Camb	1964	GRN	100	3324			
103	1105	Bennington	Lot 20 (1Q)	Moore	1	Horst	3860	Camb	1963	GRN, S	20	3854	400		
1463		Bennington	Lot 20 (1Q)	Moore	1	Horst	3685	Camb	1963	GRN	0	3675	3880		
588		Bennington	Lot 21 (1Q)	Atha	1	Ashley	3676	Camb	1964	GRN	100	3671			
181	1246	Bennington	Lot 21 (2Q)	Clinton	1	Taylor	3277	Camb	1963	GRN	2400	3274	3095		
500		Bennington	Lot 24 (3Q)	Baines	1	Fisher	3502	Camb	1964	GRN, Cal, CT, D, I	0	3501	3277		
1550		Bennington	Lot 24 (3Q)	Baines	2	Fisher	3510	Camb	1964	GRN	0	3503			
1678		Bennington	Lot 24 (3Q)	Baines	3	Fisher	3638	Camb	1964	GRN	0	3507			
188		Bennington	Lot 24 (3Q)	Graytex	1	Fisher	3516	Camb	1963	GRN	0	3507			
2115		Bennington	Lot 25 (1Q)	Basore	1	Edwards	3657	Camb	1965	GRN	2850	3656			
2696		Bennington	Lot 25 (3Q)	McClure	1	Hoover	3405	Camb	1965	I	2403	3403	SD		
2926		Bennington	Lot 25 (3Q)	Keener	1	Leo	3370	Camb	1966	GRN, CC, Pf	0	3371			
395		Bennington	Lot 30 (1Q)	Atha	1	Fishburn	3600	Camb	1964	GRN, Cal, D, I	100	3587			
2730		Bennington	Lot 30 (3Q)	McClure	1-A	Hoover	3478	Camb	1965	GRN, Cal, D, I	0	3477			
2776		Bennington	Lot 30 (3Q)	McClure	2-A	Hoover	3460	Camb	1965	GRN, Cal, CC, D, I, Pf	0	3459			
161		Bennington	Lot 31 (1Q)	Mammoth	1	Fishburn	3612	Camb	1963	GRN	2600	3611			
1495		Bennington	Lot 31 (3Q)	Scioto	1	Riel	3500	Camb	1964	GR, S	0	3496			
115		Bennington	Lot 34 (1Q)	Sharp	1	Burns	3560	Camb	1963	I	2500	2559			
77	1098	Bennington	Lot 34 (1Q)	Keener	1	Gifford	3521	Camb	1963	GRN, Cal, D, L	98	3517	100		
169		Bennington	Lot 34 (1Q)	Keener	2	Gifford	3572	Camb	1963	GRN	100	3571			
2782		Bennington	Lot 34 (3Q)	Kin-Ark	2	Hubbell	3486	Camb	1965	GRN, I	100	3458			
2291		Bennington	Lot 35 (3Q)	Keener	1	Fuller	3485	Camb	1964	GRN	100	3479			
111	1108	Bennington	Lot 35 (1Q)	Shard	1	Thomas	4000	Camb	1963	GRN	100	3997	420		
970		Bennington	Sec. 12	Brasel & Brasel	1	Finkbone	3577	Camb	1964	GRN	0	3576	4000		
142		Bennington	Fr. sec. 13	Southern Independent	1	Crame	3555	Camb	1963	GRN, L	80	3551			
1485		Bennington	Fr. sec. 18	Gibson	1-A	Ashbaugh	3552	Camb	1964	GRN	2750	3551			

MORROW COUNTY

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file				
											Geophysical logs		Samples		
											Type	Maximum range	Type	Log	Range
110	1126	Morrow (continued)	Bennington	Sec. 18	Clinton	1	Covert	3541	Camb	1963	GRN, Cal, D, I	0	Cut	10	3495
1682			Bennington	Sec. 18	Kin-Ark	1	Darst	3704	Camb	1964	GRN, Cal, D, I	2900	Cut		
2486			Bennington	Sec. 19	An-Car	1	Baldwin	3626	Camb	1965	GRN	3625	Cut		
1674			Bennington	Sec. 19	Brasel & Brasel	1-A	Bosworth	3551	Camb	1964	GRN	450	Cut		
1746			Bennington	Sec. 19	Shaw	1	Nutt	3646	Camb	1964	GRN	500	Cut		
2336			Bennington	Sec. 19	Piggott	1	Nutt	3653	Camb	1965	GRN	410	Cut		
1515	1255		Bennington	Sec. 19	Martin	1	Searles	3548	Camb	1964	GRN, Cal, D, S	0	Cut	1100	3548
2118			Bennington	Sec. 19	Brinkley	2	Stokesbury	3766	Camb	1964	GRN	2850	Cut		
2046			Bennington	Sec. 20	Morris	1	Stokesbury	3706	Camb	1964	GR, CC, Pf	3400	Cut		
100	1104		Bennington	Sec. 21	Investment	1	Bennett	3745	Camb	1963	GRN	600	Cut	2500	3744
2869			Bennington	Sec. 21	Minnesota-Ohio Oil	1	Moody	3686	Camb	1966	GRN	600	Cut		
1415	1940		Bennington	Sec. 22	Ferguson	1	Day	3725	Camb	1964	GRN	2450	Cut	1785	3725
1960			Canaan	Sec. 2	Hoagland	1	Cox	3208	Camb	1964	GRN	2300	Cut		
2601			Canaan	Sec. 3	Young	1	Cochran	3071	Camb	1965	GRN, D, Gd	0	Cut		
83			Canaan	Sec. 4	Adams	1	Cochran	3193	Camb	1963	GRN, D, Gd	0	Cut		
63	1841		Canaan	Sec. 7	Lohmann-Johnson	1	Irey	2957	Camb	1963	GRN, D, Gd	50	Cut	270	2955
2313	1456		Canaan	Sec. 7	Hudson Ohio	1	McKinstry	3020	Camb	1964	GRN, I	0	Cut	300	3020
2348	1477		Canaan	Sec. 8	Hudson Ohio	1	Martin	2955	Camb	1965	GRN, I	100	Cut	300	2900
1563			Canaan	Sec. 10	Hudson Ohio	1	Furniss	3123	Camb	1964	GRN, Cal, I, M	30	Cut	2350	3180
2022	1817		Canaan	Sec. 10	Ashland	1	Pangborn	3180	Camb	1964	Cal, D, I	396	Cut		
290	1195		Canaan	Sec. 11	Cassidy	1	Klingel	3207	Camb	1963	GRN	100	Cut	2540	3145
2801	1849		Canaan	Sec. 11	Minnesota-Ohio Oil	1	Lepp	3097	Camb	1966	GRN	30	Cut	400	3097
2350			Canaan	Sec. 11	Piggott	1	Lepp	3166	Camb	1965	GRN, I	2400	Cut		
2820			Canaan	Sec. 11	Thomas	1	Snyder	3186	Camb	1966	GRN	2250	Cut		
1787			Canaan	Sec. 14	Ideal	1	Brown	3170	Camb	1964	GRN	2250	Cut		
2659	1737		Canaan	Sec. 15	Midwest	1	Highly	3134	Camb	1965	GRN	100	Cut	2380	3134
3003			Canaan	Sec. 15	Midwest	2	Highly	3049	Camb	1967	GRN	100	Cut	2400	3200
2263	1765		Canaan	Sec. 15	Ashland	1	Ramsey	3200	Camb	1964	GRN, I	376	Cut		
521			Canaan	Sec. 16	Comanche	1	Bending	3058	Camb	1964	GRN	2300	Cut		
1733			Canaan	Sec. 16	Ideal	2	Bending	2947	Camb	1964	GRN	2100	Cut		
2861			Canaan	Sec. 16	Thomas	1	Bending	2989	Camb	1966	GRN	0	Cut		
2268	1821		Canaan	Sec. 16	Ashland	1	Moore	3082	Camb	1965	GRN, Cal, D, I	100	Cut	2400	3080
1013			Canaan	Sec. 16	Bannister	1	Price	3071	Camb	1964	GRN	2200	Cut		
2535	1726		Canaan	Sec. 17	Ashland	1	Ault	3051	Camb	1965	GRN, Cal, I	100	Cut	2250	3050
1983			Canaan	Sec. 17	Carter	1	Bush	3031	Camb	1964	GRN, I	100	Cut	2300	3055
1937	1891		Canaan	Sec. 17	Ashland	1	Coulter	3061	Camb	1964	GRN, Cal, D, I, M	30	Cut		
1854			Canaan	Sec. 17	Vance	1	Gist	3035	Camb	1964	GRN, CC, Pf	2200	Cut		
2425			Canaan	Sec. 18	Pyramid	1	Ault	2857	Camb	1965	GRN	0	Cut		
2426			Canaan	Sec. 18	Pyramid	2	Ault	3009	Camb	1965	GRN	0	Cut		
2466			Canaan	Sec. 18	Pyramid	3	Ault	3037	Camb	1965	GRN	0	Cut		
2485			Canaan	Sec. 18	Pyramid	1	Chappel	3000	Camb	1965	GRN	0	Cut		
2445			Canaan	Sec. 18	Pyramid	1	Cochran	2968	Camb	1965	GRN	0	Cut		
1925			Canaan	Sec. 18	Vance	1	Cochran	2960	Camb	1964	GRN, CC, Gd, Pf	2700	Cut		
1943	1893		Canaan	Sec. 18	Ashland	1	Hill	3017	Camb	1964	GRN, Cal, D, I	100	Cut	2300	3015
1938	1882		Canaan	Sec. 18	Ashland	2	Hill	3021	Camb	1964	GRN, Cal, D, I	100	Cut	2300	3015
2427	1774		Canaan	Sec. 18	Pyramid	3	Hill	2878	Camb	1965	GRN	2200	Cut	2250	3010
1998			Canaan	Sec. 18	Ashland	3-A	McKinstry	3020	Camb	1964	GRN, Cal, D, I	30	Cut		
2318			Canaan	Sec. 18	Spindale	1	Meade	2855	Camb	1965	GRN	0	Cut		
2383	1519		Canaan	Sec. 18	Collins	1	Roberts	3050	Camb	1965	GRN	0	Cut	2250	3050
2065	1761		Canaan	Sec. 19	Ashland	1	Coulter	3025	Camb	1964	GRN	0	Cut	2250	3025
2550	1719		Canaan	Sec. 19	Other-Creek	1	Irey	3876	PC	1965	GRN	50	Cut	2200	3876
2596			Canaan	Sec. 19	Holtom	1	Linder	2970	Camb	1965	GRN, Cal, D, I	0	Cut		
2478			Canaan	Sec. 19	Collin	1	Myers	3021	Camb	1965	GRN, Cal, D, I	0	Cut		



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											Geophysical logs		Samples		
											Type	Maximum range	Type	Log	
2473		Morrow (continued)	Canaan	Sec. 19	North American	1	Snyder	2972	Camb	1965	GRN	10	2968		
1409			Canaan	Sec. 20	Ideal	1	Ault	3009	Camb	1964	GRN	2150	3007		
2726			Canaan	Sec. 20	General	1	Ault-Zentler-Cook	3078	Camb	1965	GRN	100	3078		
1831	1773		Canaan	Sec. 20	Ashland	1	Ault-Zentler	3050	Camb	1964	GRN, Cal, D, I	100	3051	Cut	2300 3050
2058	1787		Canaan	Sec. 20	Ashland	1	Gillson	3056	Camb	1964	GRN, Cal, D, I	100	3051	Cut	2300 3050
1883	1785		Canaan	Sec. 20	Ashland	1	Gillson-Murphy	3065	Camb	1964	GRN, Cal, D, I	100	3064	Cut	2300 3060
2055	1786		Canaan	Sec. 20	Ashland	2	Gillson-Murphy	3032	Camb	1964	GRN, Cal, D, I	100	3031	Cut	2300 3030
2742			Canaan	Sec. 20	Wenner	1	Hipsher	3031	Camb	1965	GRN	20	3026	Cut	
2642	1732		Canaan	Sec. 21	Hoagland	1	Force	3120	Camb	1965	GRN, I	0	3117	Cut	2350 3120
2545			Canaan	Sec. 21	Mansfield	1	Force	3150	Camb	1965	GRN	100	3139	Cut	
2385			Canaan	Sec. 22	Chapel	1	Harvey	3123	Camb	1965	GRN	0	3122		
310			Canaan	Sec. 22	Comanche	1	Harvey	3122	Camb	1963	GRN, Cal, D, I, S	100	3121	Cut	2400 3122
2401	1889		Canaan	Sec. 22	Ashland	2	Kernen	3122	Camb	1965	GRN, L	100	3118	Cut	
2461			Canaan	Sec. 22	Hanson	1	Kernen	3121	Camb	1965	GRN, L	100	3142	Cut	
2237			Canaan	Sec. 27	Dever	1	Adams	3155	Camb	1964	GRN, L	100	3142	Cut	
2589	1733		Canaan	Sec. 27	Ashland	1	Adams-Cochran	3196	Camb	1965	GRN, Cal, D, I	100	3195	Cut	2450 3195
2954			Canaan	Sec. 27	Halbert	1	Adams-Cochran	3035	Camb	1967	GRN	300	3034	Cut	
2418	1734		Canaan	Sec. 27	Ashland	1	Cochran	3195	Camb	1965	GRN, Cal, D, I	100	3194	Cut	2400 3193
2913			Canaan	Sec. 27	Ashland	1	Cochran-Gardner	3109	Camb	1966	GRN, Cal, D, I	400	3108	Cut	
2847			Canaan	Sec. 27	Ashland	1	Cochran-Nixon	3100	Camb	1966	GRN, Cal, D, I	10	3099	Cut	
2573	1728		Canaan	Sec. 27	Ashland	1	Gruber	3125	Camb	1965	GRN	2400	3075	Cut	2490 3125
2885			Canaan	Sec. 27	Holtom	1-A	Gruber	3085	Camb	1966	GRN	2350	3095	Cut	2350 3095
2286	1805		Canaan	Sec. 27	Ashland	1	Heffley	3115	Camb	1965	Cal, D, I			Cut	2400 3147
2728			Canaan	Sec. 27	General	1	Loffer	3105	Camb	1965				SD	
2628	1723		Canaan	Sec. 27	Ashland	1	McDonald	3147	Camb	1965					
1986	1887		Canaan	Sec. 27	Ashland	1	Nixon	3175	Camb	1964	GRN, Cal, D, I	0	3173	Cut	2400 3175
2838	1724		Canaan	Sec. 27	Ashland	2	Nixon	3148	Camb	1965	GRN, Cal, D, I	0	3173	Cut	2400 3148
2551	1727		Canaan	Sec. 27	Ashland	1	Nixon-Gruber	3180	Camb	1965	GRN, Cal, D, I	100	3177	Cut	2400 3180
2822			Canaan	Sec. 27	Ashland	1	Walton	3152	Camb	1966	GRN, Cal, D, I	0	3151	Cut	
20	1882		Canaan	Sec. 28	United	1	Ault-Hall	3386	Camb	1961	GRN, I	100	3088	Cut	188 3110
22	1716		Canaan	Sec. 28	United	1	Bader	3140	Camb	1961	GRN, I	100	3137	Cut	140 3140
15	1714		Canaan	Sec. 28	United	1	Levering-Bush	3202	Camb	1961	GRN, S	0	3201	Cut	350 3200
2844			Canaan	Sec. 28	Ashland	7	Myers	2944	Camb	1966	GRN, Cal, D, I	0	2943	Cut	
2899			Canaan	Sec. 28	Holtom	1	Payne	3038	Camb	1965	GRN	10	3036	Cut	
2586			Canaan	Sec. 28	Mansfield	1	Rhoades	3137	Camb	1965	GRN	0	3136	Cut	
138			Canaan	Sec. 28	Graytex	1	Speidel	3101	Camb	1963	GRN, Cal, CC, D, I, M, PI	100	3100	Cut	
2454			Canaan	Sec. 29	Gernhardt	1	Kramer	2922	Camb	1965	GRN	0	2921	Cut	
2522			Canaan	Sec. 29	Ashland	2	Kramer	3054	Camb	1965	GRN, Cal, D, I	0	3053	Cut	
2970			Canaan	Sec. 29	Pilgrim	1	Kramer	2970	Camb	1967	GRN	2250	2969	Cut	
1865			Canaan	Sec. 29	Ashland	1	Morton	3060	Camb	1964	GRN			Cut	2300 3060
2868	1722		Canaan	Sec. 29	Ashland	1	Murphy	3063	Camb	1965	GRN	10	3062	Cut	2300 3060
2468	1566		Canaan	Sec. 29	Collins	1	Murphy	2965	Camb	1965	GRN			Cut	2300 2865
2537	1621		Canaan	Sec. 29	Collins	1	Murphy	2955	Camb	1965	GRN	0	2954	Cut	0 2955
1834			Canaan	Sec. 29	Ashland	1	Payne	3076	Camb	1964	GRN, Cal, M	0	3075	Cut	
2098	1818		Canaan	Sec. 29	Ashland	1	Payne-Mitchell-Evans	3080	Camb	1964	Cal, D, I	2200	3080	Cut	2300 3080
52			Canaan	Sec. 29	United	1	Sayers	3075	Camb	1962	GRN, Cal, D, I	0	3074	Cut	
189	1151		Canaan	Sec. 29	Ashland	1	Sellers	3116	Camb	1962	Cal, CC, I, M, PI	330	3116	Cut	325 3116
1760			Canaan	Sec. 29	Ashland	2	Sellers	3064	Camb	1964	Cal, I, M	2200	3062	Cut	
2891			Canaan	Sec. 29	Ashland	3	Sellers	3040	Camb	1967	GRN, Cal, D, I	100	3040	Cut	
2955			Canaan	Sec. 29	Pilgrim	1	Sellers	2948	Camb	1967	GRN	2200	2947	Cut	
2503			Canaan	Sec. 30	Otter-Creek	1	Crum	2968	Camb	1965	GRN, Cal, D, I	0	2967	Cut	

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											Geophysical logs		Maximum range
											Type	Type	
2623	1738	Morrow	Canaan	Sec. 30	Otter-Creek	2	Crum	2880	Camb	1965	GRN	Cut	2200
2943		(continued)	Canaan	Sec. 30	Otter-Creek	3	Crum	2891	Camb	1967	GRN	Cut	2980
2993			Canaan	Sec. 30	Otter-Creek	4	Crum	2913	Camb	1967	GRN	Cut	2912
2164	1080		Canaan	Sec. 30	Hanson	1	Snyder	2991	Camb	1964	GRN, L	Cut	2989
55			Canaan	Sec. 31	Wood Rider	1	Archable	3100	Camb	1963		Cut	420
1595			Canaan	Sec. 31	Allen	1	Bailey	2885	Camb	1964	GRN	Cut	3100
2443			Canaan	Sec. 31	Lewis	1	Bailey	3024	Camb	1965	GRN, D, I	Cut	2971
2552			Canaan	Sec. 31	Hanson	1	Bailey	2911	Camb	1965	GRN, I	Cut	2200
2622			Canaan	Sec. 31	Hanson	1	Potts	2961	Camb	1965	GRN, I	Cut	3021
2371			Canaan	Sec. 31	Hanson	1	Ryan	2809	Camb	1965	GRN, CC, D, L, PI	Cut	10
2561			Canaan	Sec. 32	Hudson Ohio	1	Ashbaugh	3080	Camb	1965	GRN, Cal, D, I, M	Cut	2250
2568			Canaan	Sec. 32	Hudson Ohio	2	Ashbaugh	3017	Camb	1965	GRN, I	Cut	0
2218	1901		Canaan	Sec. 32	Ashland	1	Barker	3080	Camb	1964	GRN, Cal, D, I	Cut	50
2668	1736		Canaan	Sec. 32	Ashland	2	Barker	3025	Camb	1965	GRN, I	Cut	0
2754	1874		Canaan	Sec. 32	Hoagland	1	Belt	3055	Camb	1965	GRN, I	Cut	0
2141			Canaan	Sec. 32	Carter	1	Pfeifer	3120	Camb	1964	GRN, I	Cut	100
2722	1883		Canaan	Sec. 32	Ashland	1	Fissell	3020	Camb	1965	GRN	Cut	0
2459			Canaan	Sec. 33	Mansfield	1	Fissell	3156	Camb	1965	GRN	Cut	0
2510			Canaan	Sec. 33	Mansfield	2	Fissell	3170	Camb	1965	GRN, I	Cut	0
579	1903		Canaan	Sec. 33	Ashland	1	Hess	3147	Camb	1964	GRN, Cal, I, M	Cut	0
2898			Canaan	Sec. 33	Pilgrim	1	Hess	2946	Camb	1966	GRN	Cut	2250
17	1715		Canaan	Sec. 33	United	1	Hinds	3277	Camb	1961	GRN, Cal, I, S	Cut	0
2741			Canaan	Sec. 33	Ashland	3	Morton-Hinds	3099	Camb	1965	GRN, Cal, D, I	Cut	0
12	1079		Canaan	Sec. 33	United	3	Myers	4101	PC	1961	GRN, Cal, I, S	Cut	10
1804	1884		Canaan	Sec. 34	Ashland	1	Bush	3175	Camb	1964	GRN, Cal, M	Cut	10
841			Canaan	Sec. 34	Ashland	1	Bush	3255	Camb	1964	GRN, Cal, I, M	Cut	30
1545			Canaan	Sec. 34	Ashland	2	Bush	3160	Camb	1964	GRN, Cal, I, M	Cut	100
34			Canaan	Sec. 34	Atlas	1	Garverick	3143	Camb	1962	GRN, I	Cut	0
2825			Canaan	Sec. 34	Ashland	3	Garverick-Bush	3119	Camb	1966	GRN, Cal, D, I	Cut	0
2992			Canaan	Sec. 34	Young	1	Hinds	3110	Camb	1967	GRN	Cut	0
96	1110		Canaan	Sec. 34	Ashland	1	Nixon-Bush	3195	Camb	1963	GRN, I, S	Cut	100
120			Canaan	Sec. 34	Ashland	2	Olds	2937	Camb	1963	GRN, Cal, I, M	Cut	25
2038			Canaan	Sec. 34	Ashland	3	Olds-Jolley-Whitney	3181	Camb	1964	GRN, Cal, D, I	Cut	2250
548			Canaan	Sec. 34	Fulk	1	Whitney-Jolley-Olds	3193	Camb	1964	GRN, Cal, I, M	Cut	250
70	1881		Canaan	Sec. 34	United	1	Whitney-Jolley-Olds	3215	Camb	1963	GRN, Cal, D	Cut	100
1391	1875		Cardington	Lot 4W	Patrick	1	Foust	3103	Camb	1964	GRN, I	Cut	30
1957			Cardington	Lot 5E	Kin-Ark	1-A	Mattix	3151	Camb	1964	GRN, Cal, D, I	Cut	30
2433			Cardington	Lot 5W	Allen	1	Nichols	3092	Camb	1965	GRN	Cut	0
207			Cardington	Lot 6E	Moore	1	Denton	3171	Camb	1963	GRN	Cut	0
430			Cardington	Lot 7E	Jenkins	1	Benson	3143	Camb	1964	GRN	Cut	100
266	1210		Cardington	Lot 7E	Floto	1	Nazarene Church	3086	Camb	1964	GRN	Cut	2250
794			Cardington	Lot 7E	Whitmer	1	Richey	3163	Camb	1964	GRN	Cut	2350
1425			Cardington	Lot 7E	Barnwell	1	Shaw	3406	Camb	1964	I	Cut	404
855			Cardington	Lot 8E	Rebel	1	Blakley-Curl	3173	Camb	1964	GRN	Cut	2400
666			Cardington	Lot 8E	Whitmer	1	Bunnell	3153	Camb	1964	GRN	Cut	2300
842			Cardington	Lot 8E	Noble Hall	1	Snyder	3142	Camb	1964	GRN	Cut	2300
668			Cardington	Lot 10E	Fulk; Schwetz	1	McClintock	3128	Camb	1964	GRN	Cut	2300
1122			Cardington	Lot 10E	Whitmer	1	Sherman	3125	Camb	1964	GRN	Cut	30
1367			Cardington	Lot 10E	Burgin	1	Vocational	3097	Camb	1964	GRN	Cut	2300
2521	1866		Cardington	Lot 18E	Ashland	1	Willey	3135	Camb	1965	GRN, I	Cut	0
2797			Cardington	Lot 19E	Hunting	1-A	Brown	3123	Camb	1966	GRN	Cut	0
774			Cardington	Lot 20E	Proctor & Sherman	1	Beyer	3121	Camb	1964	GRN, I	Cut	2200
893			Cardington	Lot 20E	Dever	1	Heacock	3163	Camb	1964	GRN	Cut	2288

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											Geophysical logs		Samples				
											Maximum range	Type	Log	Range			
801		Morrow (continued)	Cardington	Lot 20E	Pyramid	1	Ruehrman	3100	Camb	1964	GRN	2200	3080				
1246			Cardington	Lot 21E	Roach	1	Bending-Foreman	3065	Camb	1964	GRN	2300	3065				
1549	1863		Cardington	Sec. 3	Ashland	1-A	Bush	3175	Camb	1964	GRN, Cal, I, M	30	3174	Cut		2400	3175
580	1752		Cardington	Sec. 3	Ashland	2	Click	3268	Camb	1964	GRN, Cal, I, M	100	3267	Cut		2400	3265
454			Cardington	Sec. 3	Ashland	1	Click	3240	Camb	1964	GRN, Cal, I, M	0	3239				
1795	1755		Cardington	Sec. 3	Ashland	1	Lee	3125	Camb	1964	GRN, Cal, I, M	0	3123	Cut		2400	3125
1894	1753		Cardington	Sec. 3	Ashland	3	Lee	3142	Camb	1964	GRN, Cal, D, I	100	3141	Cut		2380	3125
2009	1713		Cardington	Sec. 3	Ashland	3	Lee	3175	Camb	1964	GRN, Cal, D, I	10	3173	Cut		2350	3175
1890			Cardington	Sec. 3	Moore	2	Smith	3120	Camb	1964	GRN, Cal, D, I, M	20	3120				
18	1879		Cardington	Sec. 3	Atlas	1	Wolflinger	3025	Camb	1961	GRN, I	0	3024	Cut		2480	3015
1900			Cardington	Sec. 3	Kin-Ark	3	Wolflinger	3080	Camb	1964	GRN, Cal, D, I	10	3079				
25			Cardington	Sec. 3	Atlas	3	Wolflinger	3131	Camb	1961	GRN, I	50	3130				
585	1775		Cardington	Sec. 3	Ashland	1	Wuertz	3264	Camb	1964	GRN, I	100	3263	Cut		2500	3260
271			Cardington	Sec. 3	Fulk	1	Wuertz	3048	Camb	1963	GRN	100	3046				
1594			Cardington	Sec. 3	Fulk	1-A	Wuertz	3194	Camb	1964	GRN, Cal, I, M	100	3193				
333			Cardington	Sec. 3	Fulk	2	Wuertz	3124	Camb	1963	GRN, Cal, D, L	100	3118				
1638			Cardington	Sec. 3	Piper	2-A	Wuertz	3190	Camb	1964	Cal, I, M	2100	3190				
1687			Cardington	Sec. 3	Fulk	3-A	Wuertz	3200	Camb	1964	GRN, I	100	3202				
1688			Cardington	Sec. 3	Fulk	4-A	Wuertz	3202	Camb	1964	GRN, Cal, I, M	100	3201				
2924			Cardington	Sec. 4	Ashland	1	Clinger	3060	Camb	1966	GRN, Cal, D, I	0	3057				
1468			Cardington	Sec. 4	Ashland	3	Clinger	3076	Camb	1964	GRN, Cal, I, M	100	3075				
998	1871		Cardington	Sec. 4	Ashland	1	Clinger	3116	Camb	1964	GRN, Cal, I, M	100	3115	Cut		2350	3116
1397			Cardington	Sec. 4	Ashland	2	Clinger	3200	Camb	1964	GRN, Cal, I, M	100	3196				
2983			Cardington	Sec. 4	Ashland	2	Clinger	3067	Camb	1967	GRN, Cal, D, I	100	3066				
2984			Cardington	Sec. 4	Ashland	2	Clinger	3059	Camb	1967	GRN, Cal, D, I	0	3058				
2343	1877		Cardington	Sec. 4	Ashland	1	Clinger	3121	Camb	1965	GRN, Cal, D, I	0	3120	Cut		2250	3120
239			Cardington	Sec. 4	Baines	1	Clinger	3000	Camb	1964	GRN, Cal, M	0	2998				
54	1805		Cardington	Sec. 4	Ringler	2	Clinger	3039	Camb	1963	GRN	30	3169	Cut		2908	3027
953	1784		Cardington	Sec. 4	Ashland	1	Gillson	3177	Camb	1964	GRN, Cal, I, M	100	3178	Cut		2300	3177
1370			Cardington	Sec. 4	Ashland	2	Gillson	3194	Camb	1964	GRN, Cal, I, M	100	3193				
625	1754		Cardington	Sec. 4	Ashland	1	Lee	3186	Camb	1964	GRN, Cal, D, I, M	0	3185	Cut		1300	3166
1369			Cardington	Sec. 4	Ashland	2	Lee	3166	Camb	1964	GRN, Cal, I, M	0	3165				
2823			Cardington	Sec. 4	Ashland	3	Lee	3100	Camb	1966	GRN, Cal, I	0	3102				
1504			Cardington	Sec. 4	Ashland	1	Lee & Lee	3179	Camb	1964	GRN, Cal, I, M	100	3178				
170			Cardington	Sec. 4	Cheswell	1	Whitney	2977	Camb	1963	GRN	2200	2977				
139			Cardington	Sec. 4	Ashland	2	Burgraff	3049	Camb	1963	Cal, M	2200	3049				
82	1094		Cardington	Sec. 5	Ashland	1	Adams	3052	Camb	1963	GRN	10	3051	Cut		290	3050
2334	1611		Cardington	Sec. 5	Dannemiller	1	Burgraff	3087	Camb	1965	GRN, Cal, CC, D, L, Pf	2200	3083	Cut		120	3087
1871			Cardington	Sec. 5	Nato	1	Burgraff	3072	Camb	1964	GRN	0	3070				
196			Cardington	Sec. 5	Ashland	1	Burgraff-Cox-Smith	2950	Camb	1963	GRN, Cal, D, I	100	2946				
1668			Cardington	Sec. 5	Beck	1	Kelly	3106	Camb	1964	GRN, I	30	3102	Cut		2000	3080
151	1138		Cardington	Sec. 5	Sharp	1	Kelly	3082	Camb	1963	GRN, I	100	3081	Cut			
157			Cardington	Sec. 5	Mannoth	1	Miller	3056	Camb	1963	GRN, Cal, CC, Gd, M, Pf	0	3055				
173			Cardington	Sec. 5	Marmoth	3	Miller	2941	Camb	1963	GRN, Gd	0	2937				
2691	1869		Cardington	Sec. 5	Ashland	1	Pfeffer	3020	Camb	1965				Cut		2250	3020
2008	1807		Cardington	Sec. 5	Ashland	1	Snyder	3080	Camb	1964	GRN, Cal, D, I	100	3078	Cut		2300	3080
894			Cardington	Sec. 6	Law	1	Bailey	2943	Camb	1964	GRN	2250	2942				
328			Cardington	Sec. 6	Ashland	1	Dutt	2978	Camb	1963	GRN, I	20	2978				
105	1878		Cardington	Sec. 6	Oxford	1	Haenzel	3080	Camb	1963	GRN, Gd	2100	3049	Cut		2820	3045
2189			Cardington	Sec. 6	BTA; Moore	A-1	Hord	2948	Camb	1964	GRN	0	2948				
2342	1822		Cardington	Sec. 6	Ashland	1	Linstedt	3036	Camb	1965	GRN, Cal, D, I	0	3035	Cut		2250	3025
46			Cardington	Sec. 6	Oxford	1	Linstedt	2900	Camb	1962	GRN, Gd	2100	2896				
42			Cardington	Sec. 6	United	2	Potts	2923	Camb	1962	GRN, CC	7	2911				

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											Geophysical logs	Maximum range	Type	Log
1777	141	Morrow (continued)	Cardington	Sec. 8	BTA; Moore	B-1	Betts	3150	Camb	1964	GRN	0	3149	
1885	206		Cardington	Sec. 8	Adams	2	Rush	3046	Camb	1963	GRN	2000	3046	
1870	123		Cardington	Sec. 8	Ashland	1	Rush	3023	Camb	1967	GRN, Cal, D, I	0	3022	500
1604	123		Cardington	Sec. 9	Ashland	2	Smith	2949	Camb	1963	GRN	100	2949	2890
1270	1270		Cardington	Sec. 9	Leighton	2	Barton	2941	Camb	1963	GRN	0	2941	2941
246	1160		Cardington	Sec. 9	Ashland	1	Bender	3120	Camb	1964	GRN, Cal, I, M, S	0	3119	350
1868	1784		Cardington	Sec. 9	Ashland	1	Kelly	3023	Camb	1963	GRN, Cal, I, M	100	3079	325
1758	2641		Cardington	Sec. 9	Ashland	A-6	Sellers	3080	Camb	1964	GRN, Cal, I, M	100	3079	2400
1819	1803		Cardington	Sec. 10	Ashland	A-7	Sellers	3089	Camb	1965	GRN, Cal, I, M	0	3202	2300
2049	1882		Cardington	Sec. 10	Ashland	1	Feld	3203	Camb	1964	GRN, Cal, I, M	0	3202	2400
1661	2377		Cardington	Sec. 10	Dever	1	Feld	3205	Camb	1964	GRN, I	10	3205	350
1856	1523		Cardington	Sec. 10	Ashland	1	Gabriel	3162	Camb	1964	GRN, Cal, I, M	30	3161	325
1841	1783		Cardington	Sec. 10	Ashland	1	Long	3096	Camb	1964	GRN, Cal, I, M	2300	3095	3080
1389	1748		Cardington	Sec. 10	Pilgrim	2	Long	3098	Camb	1965	GRN	0	3216	2305
1951	499		Cardington	Sec. 10	Pilgrim	1	McChesney	3217	Camb	1964	GRN	0	3216	3099
1811	1783		Cardington	Sec. 10	Alten	1	McChesney	3200	Camb	1964	GRN	200	3200	
2536	1748		Cardington	Sec. 10	BTA; Moore	2	McChesney	3129	Camb	1964	GRN, Cal, D, I	0	3128	2400
1951	499		Cardington	Sec. 10	Kin-Ark	1	Pipes	3202	Camb	1965	GRN, Cal, D, I	0	3128	3200
498	1270		Cardington	Sec. 10	Ashland	1	Smith	3191	Camb	1964	GRN	150	3191	
2135	1767		Cardington	Sec. 10	Baines	1	Smith	3058	Camb	1964	GRN, I	200	3057	
64	1076		Cardington	Sec. 10	Graytex; Trittip	1	Smith	3203	Camb	1964	GRN, I	100	3202	
1599	498		Cardington	Sec. 11	Moore; Kin-Ark	1	Casto	3252	Camb	1964	GRN, Cal, CC, D, I, M	0	3251	
1422	1751		Cardington	Sec. 11	Moore; El Paso	1	Hess	3300	Camb	1962	GRN	0	3290	2200
1818	1707		Cardington	Sec. 11	Moore; BTA	A-1	Hess	3250	Camb	1964	GRN	0	3247	3300
1389	2539		Cardington	Sec. 11	Baines	1	Shaffer	3170	Camb	1964	GRN	0	3141	
2539	1872		Cardington	Sec. 11	Ashland	1	Smith	3254	Camb	1964	GRN, Cal, I, M	100	3250	2450
1916	1872		Cardington	Sec. 11	Wiseman	1	Casto	3200	Camb	1964	GRN, Cal, I, M	100	3198	3245
693	301		Cardington	Sec. 14	Moore	1	Knickle	3215	Camb	1964	GRN, Cal, CC, CT, P, I, M, Pf	100	3210	
1446	1427		Cardington	Sec. 14	Ashland	1	Levering	3220	Camb	1965	GRN, Cal, D, I	10	3219	2400
934	1684		Cardington	Sec. 14	Carter	1	Levering	3159	Camb	1964	GRN, I	100	3158	3210
1707	934		Cardington	Sec. 14	Glenwood	1	Long	3204	Camb	1964	GRN	2400	3203	
1684	1684		Cardington	Sec. 14	Ashland	1	Martin	3187	Camb	1963	GRN, I	100	3186	460
1683	1446		Cardington	Sec. 14	Patriek	1	Martin	3249	Camb	1964	GRN	100	3248	3185
1446	1427		Cardington	Sec. 14	Fulk	1	Philbrook	3203	Camb	1964	GRN, I	0	3201	
1808	3000		Cardington	Sec. 14	Fulk	1-B	Philbrook	3254	Camb	1964	GRN, Cal, I, M	30	3253	
1406	1746		Cardington	Sec. 14	Fulk	2-A	Philbrook	3222	Camb	1964	GRN, Cal, I, M	100	3221	
1710	1710		Cardington	Sec. 14	Fulk	3	Philbrook	3205	Camb	1964	GRN, Cal, I, M	30	3205	
649	1384		Cardington	Sec. 14	Ashland	3-B	Philbrook	3229	Camb	1964	GRN, Cal, I, M	100	3226	
1384	1873		Cardington	Sec. 14	Harris	1	Shaffer	3233	Camb	1964	GRN, Cal, D, I	10	3232	2450
1385	2579		Cardington	Sec. 14	Ashland	1	Shaffer	3158	Camb	1967	GRN	0	3157	3230
2344	1553		Cardington	Sec. 15	Moore; BTA	1	Dennis	3160	Camb	1964	GRN, Cal, I, M	100	3159	2350
1721	1363		Cardington	Sec. 15	Moore; BTA	A-1	Hull	3175	Camb	1964	GRN	0	3198	3160
1766	1883		Cardington	Sec. 15	Ashland	1	Long	3184	Camb	1964	GRN, Cal, D, I, M	100	3173	
2640	1639		Cardington	Sec. 15	Ashland	2	Long	3160	Camb	1964	GRN, Cal, I, M	350	3156	
1883	2640		Cardington	Sec. 15	Ashland	3	Long	3208	Camb	1964	GRN, Cal, I, M	100	3207	
1766	1883		Cardington	Sec. 15	Hadson Ohio	1	Monnett	3185	Camb	1965	GRN, Cal, D, I, M	10	3182	2400
1873	1766		Cardington	Sec. 15	Ashland	7	Ullom	3183	Camb	1965	GRN, Cal, D, I	0	3182	3180
1883	2640		Cardington	Sec. 15	Ashland	9	Ullom	3203	Camb	1964	GRN, Cal, D, I	0	3182	2400
1883	2640		Cardington	Sec. 16	Ashland	1	Burgraf	3105	Camb	1964	GRN, Cal, I, M	110	3104	2550
1883	2640		Cardington	Sec. 16	Ashland	1	Hartsook	3100	Camb	1964	GRN, Cal, I, M	50	3099	3100
1883	2640		Cardington	Sec. 16	Hollom	1	Hartsook	3090	Camb	1964	GRN, I	0	3090	2300
1883	2640		Cardington	Sec. 16	Hollom	2	Hartsook	3077	Camb	1965	GRN	100	3076	2000

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Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file				
											Geophysical logs		Maximum range	Log	Range
											Type	Type	Log	Range	
2397		Morrow (continued)	Cardington	Sec. 16	Hogland	1	Sellers	3129	Camb	1965	GRN, I	0	3125		
1429			Cardington	Sec. 16	Ashland	A-1	Sellers	3105	Camb	1964	GRN, Cal, I, M	30	3104		
1478			Cardington	Sec. 16	Ashland	A-3	Sellers	3075	Camb	1964	GRN, Cal, I, M	0	3068		
1796			Cardington	Sec. 16	Ashland	A-5	Sellers	3071	Camb	1964	GRN, I, M	2300	3068		
1958			Cardington	Sec. 17	Patrick	1	Burggraf	3086	Camb	1964	GRN, I	0	3085		
1686			Cardington	Sec. 17	Vanderveer	1	Burggraf	3055	Camb	1964	GRN, Cal, I, M	100	3054		
1274			Cardington	Sec. 17	Slavik	1	Slavik	3011	Camb	1964	GRN, CC, Gd, Pf	2200	3011		
1880			Cardington	Sec. 17	Romp	1	Smith	3012	Camb	1964	GRN, Cal, S	100	3001	Cut	2259
1620			Cardington	Sec. 17	Ashland	1	Winchell	3090	Camb	1964	GRN	30	3089	Cut	2300
1768			Cardington	Sec. 17	Vanderveer	2	Winchell	3097	Camb	1964	GRN, Cal, I, M	30	3096		
2853			Cardington	Sec. 17	Welko; Floto	3	Winchell	2956	Camb	1966	GRN, D	300	2955	Cut	380
1935			Cardington	Sec. 18	Comanche	1-C	Bush	3668	PE	1964	GRN, I	10	3666	Cut	1800
1820			Cardington	Sec. 18	Oxford	1	James	2998	Camb	1964	GRN, L	20	2996	Cut	3865
501			Cardington	Sec. 19	Ashland	1	Ruehrmund	3040	Camb	1964	GRN, Cal, I, M	0	3037	Cut	400
1799			Cardington	Sec. 20	Vaught	1	Crum-Poorman	3109	Camb	1964	GRN, I	100	3108	Cut	2980
2608			Cardington	Sec. 20	Midwest	1	Shoultz	3096	Camb	1965				Cut	2250
324			Cardington	Sec. 21	Hobson	2	Cardington	3063	Camb	1964	GRN, S	55	3051		
1977			Cardington	Sec. 21	Holtom	4	Cardington	3116	Camb	1964	GRN	2300	3103		
1575			Cardington	Sec. 21	Fatase	1	Lamprecht	3100	Camb	1964	GRN	0	3098	Cut	2250
1386			Cardington	Sec. 21	Ashland	1	List	3128	Camb	1964	GRN, Cal, I, M	100	3127	Cut	3125
449			Cardington	Sec. 22	Fulk	1	Baker	3086	Camb	1964	GRN	100	3086		
555			Cardington	Sec. 22	Fulk	2	Baker	3176	Camb	1964	GRN	0	3176		
778			Cardington	Sec. 22	Hobson	1	Benson	3141	Camb	1964	I	2300	3140		
779			Cardington	Sec. 22	Hobson	2	Benson	3130	Camb	1964	GRN	2850	3130		
1693			Cardington	Sec. 22	Holtom	1	Cardington	3130	Camb	1964	GR, Cal, D	2250	3130		
92			Cardington	Sec. 22	Jenkins	1	Cardington	3070	Camb	1963				Cut	2525
535			Cardington	Sec. 22	Trexler	1	Clemons	3101	Camb	1964	GRN, Gd, V	0	3094		
373			Cardington	Sec. 22	Hobson	1	Dean	3135	Camb	1964	GRN	2300	3126		
1046			Cardington	Sec. 22	Twin	1	Deuton	3130	Camb	1964	GRN	2390	3129		
711			Cardington	Sec. 22	Ideal; Basin	1	D. S. Y.	3108	Camb	1964	GRN	30	3099		
954			Cardington	Sec. 22	Ashland	1	Green	3184	Camb	1964	Cal, I, M	2300	3183	Cut	2850
620			Cardington	Sec. 22	Fulk	1	Green	3223	Camb	1964	GRN, Cal, I, M	0	3222		
713			Cardington	Sec. 22	Fulk	2	Green	3195	Camb	1964	GRN, Cal, I, M, T	0	3194		
963			Cardington	Sec. 22	Fulk; Piper	3-F	Green	3122	Camb	1964	GRN, Cal, I, M	20	3122		
984			Cardington	Sec. 22	Fulk; Piper	4-F	Green	3117	Camb	1964	GRN	0	3100		
611			Cardington	Sec. 22	Hobson	1-A	Green	3091	Camb	1964	GRN	25	3090		
1318			Cardington	Sec. 22	Hobson	4	Green	3196	Camb	1964	GRN, Cal, D, I, M	30	3196		
947			Cardington	Sec. 22	Mammoth	2	Green	3203	Camb	1964	GRN, Cal, I, M, T	100	3203		
964			Cardington	Sec. 22	Mammoth	3	Green	3204	Camb	1964	GRN, Cal, I, M	0	3204		
603			Cardington	Sec. 22	Patrick	1	Green	3186	Camb	1964	GRN, Cal, D, I, M	0	3185		
1358			Cardington	Sec. 22	Ashland	3	Hack	3171	Camb	1964	GRN, Cal, I, M	100	3170		
624			Cardington	Sec. 22	Ashland	1	Hack-Couts	3165	Camb	1964	GRN, Cal, I, M	0	3164		
1000			Cardington	Sec. 22	Barron	2	Hack	3172	Camb	1964	GRN	30	3171		
817			Cardington	Sec. 22	Barron	1	Fink	3126	Camb	1964	GRN	2300	3125		
837			Cardington	Sec. 22	Cox	1	Heimlich	3105	Camb	1964					SD
640			Cardington	Sec. 22	Hobson	1	Helmoth	3150	Camb	1964	GRN	2400	3150		
522			Cardington	Sec. 22	Hobson	1	Hocker	3133	Camb	1964	GRN	2300	3131		
536			Cardington	Sec. 22	Black	1	Jenkins	3170	Camb	1964	GRN	100	3169		
662			Cardington	Sec. 22	T & W	1	Landon	3180	Camb	1964	GRN	2350	3171		
581			Cardington	Sec. 22	Mammoth	1	Long	3126	Camb	1964	GRN, V	2200	3125		
2000			Cardington	Sec. 22	Ashland	4	Long	3151	Camb	1964	Cal, D, I	360	3151		
329			Cardington	Sec. 22	Black	1	Maxwell	3074	Camb	1964	GRN	1150	3073		
1487			Cardington	Sec. 22	Black & Black	3	Maxwell	3103	Camb	1964	GRN	2400	3102		

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Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file					
											Geophysical logs		Samples			
											Type	Log	Range			
											Maximum range					
594		Morrow (continued)	Cardington	Sec. 22	Van Buekirk	1	Naylor	3100	Camb	1964	GRN	2800	3099			
1341			Cardington	Sec. 22	Investment	8	N. Y. Central RR.	3068	Camb	1964	GRN	100	3087			
641			Cardington	Sec. 22	Hobson	1	Partlow	3164	Camb	1964	GRN	0	3161			
598			Cardington	Sec. 22	Faust	1	Russell	3145	Camb	1964	GRN	2300	3144			
766			Cardington	Sec. 22	Cheswell	1	Schenck	3159	Camb	1964	GRN	2350	3158			
1876			Cardington	Sec. 22	Ashland	1	Ullom	3200	Camb	1964	GRN, Cal, I, M	2200	3199			2360 3200
864			Cardington	Sec. 22	Ashland	3	Ullom	3192	Camb	1964	GRN, Cal, I, M	100	3191			
1554			Cardington	Sec. 22	Ashland	5	Ullom	3175	Camb	1964	GRN, Cal, M	30	3169			
1371			Cardington	Sec. 22	Ashland	6	Ullom	3185	Camb	1964	GRN	100	3185			
768			Cardington	Sec. 22	Patrick	1	Ullom	3202	Camb	1964	GRN, Cal, D, I, M	30	3201			
1146			Cardington	Sec. 22	Patrick	2	Ullom	3201	Camb	1964	GRN, I	30	3200			
1743			Cardington	Sec. 22	Tatum	1	Vance	3246	Camb	1964	GRN, I	30	3245			
705			Cardington	Sec. 22	Barron	1	Vandegriff	3138	Camb	1964	GRN, CC, Pf	100	3137			
549			Cardington	Sec. 23	Fulk	1	Bowman & Schaffer	3170	Camb	1964	GRN	2400	3170			
610			Cardington	Sec. 23	Atha	1	Coder	3070	Camb	1964	GRN, Cal, D	0	3070			
667			Cardington	Sec. 23	Atha	2	Coder	3077	Camb	1964	GRN, Cal, M	100	3067			
737			Cardington	Sec. 23	McGrew	1	Hawk	3155	Camb	1964	GRN, Gd	0	3153			
339			Cardington	Sec. 23	McDowell	1	Hobbs	3097	Camb	1964	GRN, Cal, D, I, M	0	3094			
393			Cardington	Sec. 23	Fulk; Schwetz	1	Kinsell	3165	Camb	1964	GRN	100	3164			
312			Cardington	Sec. 23	Petrol Servicing	1	McDonald	3121	Camb	1964	GRN	2850	3105			
221	1159		Cardington	Sec. 23	Ashland	1	Mosher	3325	Camb	1963						455 3325
866	1862		Cardington	Sec. 23	Ashland	2	Mosher	3253	Camb	1964	GRN, Cal, I, M	2300	3252			2400 3250
1407			Cardington	Sec. 23	Ashland	5	Mosher	3240	Camb	1964	GRN, Cal, I, M	0	3240			
670			Cardington	Sec. 23	Mammoth	1	Mosher	3199	Camb	1964	GRN, Cal, I, M	0	3199			
1012			Cardington	Sec. 23	Tatum	3	Mosher	3200	Camb	1964	GRN, Cal, I, M	100	3198			
1410			Cardington	Sec. 23	Tatum	4-B	Mosher	3248	Camb	1964	GRN, Cal, I, M	30	3247			
1492			Cardington	Sec. 23	Tatum	6-A	Mosher	3226	Camb	1964	GRN, Cal, I, M	100	3225			
697			Cardington	Sec. 23	Lynn	1	Murphy	3103	Camb	1964	GRN, I	0	3102			
577	1667		Cardington	Sec. 23	Ashland	1	Patterson	3238	Camb	1964	GRN, Cal, M	50	3237			2350 3230
673	1861		Cardington	Sec. 23	Ashland	2	Patterson	3207	Camb	1964	GRN, Cal, I, M	0	3206			2450 3200
1087			Cardington	Sec. 23	Ashland	3	Patterson	3206	Camb	1964	GRN, Cal, D, I, L, M, ML	30	3203			
2173			Cardington	Sec. 23	Liberty	1-L	Patterson	3241	Camb	1964	GRN, Cal, D, L	0	3238			
298			Cardington	Sec. 23	Hobson	1	Patterson	3242	Camb	1963	GRN, Cal, CC, D, I, M, Pf	100	3233			
750			Cardington	Sec. 23	Hobson	3	Patterson	3060	Camb	1964	GRN, I, T	30	3180			
651			Cardington	Sec. 23	Mammoth	1	Patterson	3053	Camb	1964	GRN, I	100	3052			
502			Cardington	Sec. 23	Atha	1	Pietranglo	3070	Camb	1964	GRN, Cal, D, M	0	3068			
614			Cardington	Sec. 23	Kemmerly-Loffland-Basore	2	Riley	3106	Camb	1964	GRN	20	3105			
615			Cardington	Sec. 23	Kemmerly-Loffland-Basore	3	Riley	3108	Camb	1964	GRN, I	100	3107			
582			Cardington	Sec. 23	Fulk	1	Robinson	3061	Camb	1964	GRN	0	3060			
457			Cardington	Sec. 23	Pilgrim	1	Smith	3159	Camb	1964	GRN, Cal, I, M	0	3158			
1623			Cardington	Sec. 23	Pilgrim	2	Smith	3166	Camb	1964	GRN	2400	3166			
391			Cardington	Sec. 23	Kemmerly-Loffland-Basore	1	Zinn	3193	Camb	1964	GRN	0	3192			
818			Cardington	Sec. 27	Barron	1	Howard	3138	Camb	1964	GRN	2330	3130			
671			Cardington	Sec. 27	Cox	1	Murphy-Stone	3130	Camb	1964	GRN	2350	3112			
907			Cardington	Sec. 27	Mammoth	1	Stahl	3075	Camb	1964	GRN	2200	3075			
692			Cardington	Sec. 27	Black	1	Ullom	3113	Camb	1964	GRN	2400	3111			
1072			Cardington	Sec. 28	Mack	1	Beatty	2964	Camb	1964	GRN	2300	2956			
874			Cardington	Sec. 28	Diamond	1	Beatty	3101	Camb	1964	GRN	0	3100			
706			Cardington	Sec. 28	Roach	1	Bending & Foreman	3095	Camb	1964	GRN	0	3092			
1123			Cardington	Sec. 28	Mattalano	1	Bender & Foreman	3104	Camb	1964	GRN	2250	3103			

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Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file			
											Geophysical logs		Samples	
											Type	Maximum range		Log
861		Morrow (continued)	Cardington	Sec. 26	Midland	1	Maceyko	3061	Camb	1964	GRN	2300		
1590			Chester	Lot 4 (2Q)	Williams; Thornhill	1	Ault	3690	Camb	1964	GRN, Cal, D	0	3676	
2070			Chester	Lot 4 (2C)	Consolidated	1	Hoffman-Weiler	3750	Camb	1964	GRN, Cal, D	10	3747	
195	1150		Chester	Lot 4 (2Q)	Felmont	1	Yoder	3892	Camb	1963	GRN	0	3891	0 3800
1729			Chester	Lot 6 (1Q)	Hobson	1	Hunt	3900	Camb	1964	GRN	100	3897	
2124	1503		Chester	Lot 7 (1Q)	Borton	1	Shinberry	3886	Camb	1964				1040 3870
1537			Chester	Lot 11 (3Q)	Prior	2	Waite	3833	Camb	1964	GRN	3000	3833	
2871			Chester	Lot 13 (2Q)	Offter-Creek	1	Bachelder	3749	Camb	1966	GRN	900	3748	
2234			Chester	Lot 15 (1Q)	Cysony	1-A	Levering	3883	Camb	1964	GRN	3050	3883	
2265			Chester	Lot 17 (1Q)	Chapel	1	Ebersole	3785	Camb	1964	GRN	100	3760	
2603	1647		Chester	Lot 18 (3Q)	Berry	2	Sears	3834	Camb	1965	GRN	10	3829	502 3834
2786			Chester	Lot 19 (2Q)	Mansfield	1	Bodine	3825	Camb	1966	GRN, D	0	3761	
2130	1428		Chester	Lot 21 (3Q)	Blair & Morse	4	Kidwell	3818	Camb	1964	GRN	950	3777	1000 3818
1636	2055		Chester	Lot 24 (3Q)	Publishers	1	Jones	3830	Camb	1965	GRN	3050	3764	400 3830
1569			Chester	Lot 25 (3Q)	Stevens	1	Stone	3751	Camb	1966	GRN, PI	1500	1821	3100 3751
240			Chester	Lot 26 (4Q)	Hadson Ohio	1	Ogden	4102	Camb	1963	GRN, I, S	100	4101	
2208			Chester	Lot 29 (3Q)	Keener	1	Ulery	3770	Camb	1964	GRN	0	3769	
2902			Chester	Lot 30 (3Q)	Minnesota-Ohio Oil	1	Ulery	3778	Camb	1966	GRN	950	3777	
2664			Chester	Lot 34 (3Q)	Berry	1	Hawk	3764	Camb	1965	GRN	3050	3764	
1825			Chester	Lot 34 (3Q)	Bell & Gault	1	Hawk	3736	Camb	1964	GRN, PI	1500	1821	
1375			Chester	Lot 34 (4Q)	Simcox	1	Vansickle	4040	Camb	1964	GR, S	386	4032	
1058			Chester	Lot 36 (3Q)	Bannister	1	Kemmer	3823	Camb	1964	GRN	30	3818	
3035			Chester	Lot 38 (3Q)	Lurker	1	Evans	3770	Camb	1967	GRN	3000	3769	
2857			Congress	Sec. 2	Lake Shore	1	Grogg	3980	Camb	1966	GRN, I	0	3978	
2905			Congress	Sec. 2	Lake Shore	1	Grogg	3980	Camb	1966	GRN, Cal, D, I	0	3979	
1601			Congress	Sec. 2	Thomas	1	Perkins	3920	Camb	1964	GRN	70	3895	
2096	1407		Congress	Sec. 2	Thomas	2	Perkins	3976	Camb	1964	GRN, Cal, D	100	3878	965 3976
3036			Congress	Sec. 3	Thomas	1	Green	3079	Camb	1967	GRN	98	3963	3189 3964
1915	1432		Congress	Sec. 11	Thomas	1	Ruhl	3984	Camb	1964	GR, Cal, D	0	3760	
1420			Congress	Sec. 17	Hanson & Collier	1	Rodebeck	3764	Camb	1964	GRN	0	3763	
2922			Congress	Sec. 18	Thomas	1	Beck	3493	Camb	1966	GRN	2700	3492	
1386			Congress	Sec. 19	Lake Shore	1	Bachelder	3600	Camb	1964	GRN	0	3593	
1724	1390		Congress	Sec. 20	Hydrocarbons	1	Hollingsworth	3585	Camb	1964	GRN	2800	3585	600 3585
1694			Congress	Sec. 20	Keilior & Clark	1	McClelland	3590	Camb	1964	GR, PI	2800	3581	
2421	1522		Congress	Sec. 23	General	1	Higgins	4070	Camb	1965	GRN	3000	3951	700 4070
1593			Congress	Sec. 24	Williams & Thornhill	1	Smith	4015	Camb	1964	GRN, Cal, D, I	3200	4013	
2961			Congress	Sec. 33	Thomas	1	Higgins	3709	Camb	1967	GRN	100	3708	
1846			Congress	Sec. 33	Burrows	1	Kerr-Potter	3698	Camb	1964	GRN	2900	3688	
1780			Franklin	Lot 2 (4Q)	Cox	1	Burson	4039	Camb	1965	GRN	50	4038	
1531			Franklin	Lot 12 (3Q)	Hamblin	1	Waite	3861	Camb	1964	GRN	3000	3951	
472			Franklin	Lot 19 (3Q)	Tri-State Investment	1	Morrow	3640	Camb	1964	GR, T	2950	3636	
1565			Franklin	Lot 21 (4Q)	Investment	2	Rheinbolt	3955	Camb	1964	GRN	0	3951	
1704			Franklin	Lot 21 (4Q)	Investment	2	Rheinbolt	3967	Camb	1964	GRN, Gd	3000	3958	
2366			Franklin	Lot 28 (4Q)	Professional	1	Rheinbolt	3860	Camb	1965	GRN	10	3859	550 4040
2340	1585		Franklin	Lot 29 (4Q)	Roach	1	Hohl	4058	Camb	1965	GRN	30	3906	
2438			Franklin	Lot 29 (4Q)	Sohio	1	Hohl	3910	Camb	1965	GRN	30	3906	
1437			Franklin	Sec. 4	Keilior & Clark	1	Woffinger	3631	Camb	1964	GRN	2900	3630	
2300			Franklin	Sec. 4	Day, Keilior & Clark	2	Woffinger	3700	Camb	1965	GRN	2900	3693	
1897			Franklin	Sec. 5E	Hadson Ohio	1	Beck	4200	Camb	1964	GRN, Cal, D, I, M	30	4191	3300 4200
1638			Franklin	Sec. 5E	Allen	1	Levering	4303	Camb	1964	GRN	0	4303	
1451			Franklin	Sec. 6	Baines	1	Ellis	4013	Camb	1964	GRN, I	30	4006	
1665			Franklin	Sec. 6	Moore; Belden & Blake	1	Ellis	4170	Camb	1964	GRN, Cal, CT, D, I, S	100	4165	
2311	1481		Franklin	Sec. 8E	Sohio	1	Beck	4104	Camb	1965	GRN	0	4104	

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Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file					
											Geophysical logs		Samples			
											Type	Maximum range		Log		
1675	1757	Morrow (continued)	Franklin	Sec. 8E	Ashland	1	Cook	4325	Camb	1964	GRN, I	0	4318	Cut	3350	4920
1428			Franklin	Sec. 8E	Cowen	1	Frederick	4037	Camb	1964	GRN, CC, PI	0	4027			
1863			Franklin	Sec. 8E	Franklin	2	Frederick	4085	Camb	1964	GRN	1100	4065			
2132	1434		Franklin	Sec. 9	Griffith	1	Goodman	3675	Camb	1964	GRN	2800	3674	Cut	590	3390
568	1333		Franklin	Sec. 9	Keillor & Clark	1	Smith	3822	Camb	1964	GRN, Cal, D, I, L	100	3819	Cut	2903	3225
2737			Franklin	Sec. 9	Minnesota-Ohio Oil	1	Smith	3730	Camb	1965	GRN	2800	3730	Cut	100	3830
2310	1455		Franklin	Sec. 10	Sohio	1	Waite	3837	Camb	1965	GRN	2950	3781			
1514			Franklin	Sec. 10	Willard & Love	1	Waite	3791	Camb	1964	GRN	50	3992			
1578			Franklin	Sec. 12	Williams & Thornhill	1	Sherman	4000	Camb	1964	GR, I, S	2800	3788			
101			Franklin	Sec. 16	Shrider	2	England	3791	Camb	1963	GRN, D	2500	3862			
684			Gilead	Lot 8	Posselius	1	Jackson	3363	Camb	1964	GRN	2250	3270			
885			Gilead	Sec. 1	Weed, Brown	1	Boy Scouts	3283	Camb	1964	GRN, Cal, D, I	2450	3319			
1748			Gilead	Sec. 1	Chief	1	Brown	3330	Camb	1964	GRN	2500	3281			
1289			Gilead	Sec. 1	Ideal	1	Evans & Swisher	3293	Camb	1964	GRN	100	3275			
359			Gilead	Sec. 1	Dock	1	Garverick	3278	Camb	1964	GRN, I	2400	3231			
1261			Gilead	Sec. 1	Campanelli	3	Carverick-Slavik	3232	Camb	1964	GRN	100	3288			
345			Gilead	Sec. 1	Atha	1-A	Levering	3289	Camb	1964	GRN	100	3254			
589			Gilead	Sec. 1	Atha	2	Levering	3280	Camb	1964	GRN, L	0	3550			
1836			Gilead	Sec. 1	Allen	1	McKirgen	3550	Camb	1964	GRN	100	3376			
433			Gilead	Sec. 1	Kin-Ark	1	McKirgen	3377	Camb	1963	GRN	2600	3266			
1342			Gilead	Sec. 1	Patrick	1	Schroth	3270	Camb	1964	GRN	2500	3273			
759			Gilead	Sec. 1	Hobson	3	Shaffer	3274	Camb	1964	GRN	2500	3301			
1753			Gilead	Sec. 1	Vance	1	Shaffer	3302	Camb	1964	GRN	2600	3295			
1108			Gilead	Sec. 1	Hobson	1	Strait	3300	Camb	1964	GRN	2750	3399			
466			Gilead	Sec. 1	Terry	1	Terry	3400	Camb	1964	GRN	2500	3240			
261			Gilead	Sec. 2E	Patrick	1	Bostic	3241	Camb	1963	GRN	100	3236			
352			Gilead	Sec. 2E	Patrick	2	Bostic	3242	Camb	1963	GRN	2500	3240			
254			Gilead	Sec. 2E	Patrick	1	Bostic	3237	Camb	1963	GRN, Cal, D, I	100	3238			
220			Gilead	Sec. 2E	Patrick	1	Claypool	3293	Camb	1963	GRN	2600	3283			
152	1251		Gilead	Sec. 2E	Semmler	1	Claypool	3350	Camb	1963	GRN, Cal, D, L	10	3349	Cut	2099	3349
84	1102		Gilead	Sec. 2E	Complete	1	Diocese of Columbus	3250	Camb	1963	GRN, L	25	3236	Cut	2522	3239
988	1972		Gilead	Sec. 2E	Collin	2	Diocese of Columbus	3250	Camb	1964	GRN, Cal, D, I	100	3250	Cut	100	3250
300			Gilead	Sec. 2E	Triangle, Jenkins	2	Fairgrounds	3216	Camb	1963	GRN	450	3216			
933			Gilead	Sec. 2E	Weed	1	Farm Bureau	3271	Camb	1964	GRN, Cal, D, I	0	3270			
358			Gilead	Sec. 2E	Cummins	1	Goff	3270	Camb	1964	GRN	2400	3270			
1077			Gilead	Sec. 2E	Dee	1	Haynes	3334	Camb	1964	I	100	3326			
2030			Gilead	Sec. 2E	Bates & Westfall	1	Heimlich-Bronson	3323	Camb	1964	GRN	2550	3322			
1719			Gilead	Sec. 2E	Blackmore	1	Jagers	3268	Camb	1964	GRN	2500	3257			
938			Gilead	Sec. 2E	Louis & Lottie	1	Keeran-Edgel	3351	Camb	1964	GRN	0	3337			
883			Gilead	Sec. 2E	Miller & Speake	1	Malarky	3350	Camb	1964	GRN	2600	3348			
363			Gilead	Sec. 2E	Patrick	1	McLain	3305	Camb	1963	GRN, I	100	3299			
1641			Gilead	Sec. 2E	Comanche	1	McLain	3267	Camb	1964	GRN, I	100	3260			
273			Gilead	Sec. 2E	Gibson	1	Otterbacher	3239	Camb	1963	I	2400	3238			
232			Gilead	Sec. 2E	Hobson	1	Rich	3242	Camb	1964	GRN, L	100	3240			
2025			Gilead	Sec. 2E	Scioto	1-A	Westbrook	3231	Camb	1964	GRN	2500	3231			
2120			Gilead	Sec. 2E	Scioto	1-B	Westbrook	3245	Camb	1964	GRN	2500	3244			
1814			Gilead	Sec. 2E	Comanche	4-C	Westbrook	3240	Camb	1964	GRN, Gd	2500	3237			
208			Gilead	Sec. 2E	Patrick	1	Board of Education	3159	Camb	1963	GRN, Cal, D, I	0	3158			
283			Gilead	Sec. 2W	Patrick	2	Board of Education	3150	Camb	1963	GRN	2400	3150			
503			Gilead	Sec. 2W	Patrick	3	Board of Education	3159	Camb	1964	GRN	2300	3158			
73			Gilead	Sec. 2W	Comanche	1	Brinkman	3137	Camb	1963	GRN, CB, CC	0	3130			
255			Gilead	Sec. 2W	Comanche	3-A	Brinkman	3105	Camb	1963	GRN, Cal, D, L, ML	0	3102			
248			Gilead	Sec. 2W	Comanche	4	Brinkman	3053	Camb	1963	GRN	0	3052			







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											Geophysical logs	Maximum range	Samples
											Type	Log	Range
2630		Morrow	Gilead	Sec. 13S	Moore	1	Vaughn	3380	Camb	1965	GRN		
2716		(continued)	Gilead	Sec. 13S	Moore; Lake Shore	3	Vaughn	3390	Camb	1965	GRN, I		
2756			Gilead	Sec. 13S	Moore; Lake Shore	4	Vaughn	3376	Camb	1965	GRN		
2976			Gilead	Sec. 13S	Pilgrim	5	Vaughn	3351	Camb	1967	GRN		
2284	1470		Gilead	Sec. 14	Pilgrim	1	Ferguson	3310	Camb	1965	GRN	Cut	530 3308
2274			Gilead	Sec. 14	Mansfield	1	Frazier	3304	Camb	1965	GRN		
375			Gilead	Sec. 14	Hobson	1	George	3316	Camb	1964	GRN		
1317			Gilead	Sec. 14	J. & B.	1	Gilead Friends Church	3335	Camb	1964	GRN		
2061			Gilead	Sec. 14	Hobson	4	Jackson	3420	Camb	1964	GRN		
2102			Gilead	Sec. 14	Hobson	5	Jackson	3343	Camb	1964	GRN		
1720			Gilead	Sec. 14	Hobson	1	Jackson	3332	Camb	1964	GRN, CC, Pf		
1896			Gilead	Sec. 14	Dynamic Mineral	4	Jackson	3360	Camb	1964	GRN, L		
637	1243		Gilead	Sec. 14	Keener	1	Long	3375	Camb	1964	GRN	Cut	3094 3375
1610			Gilead	Sec. 14	Hobson	1	Shipley	3351	Camb	1964	GRN		
2560			Gilead	Sec. 14	Kin-Ark	1	Shipley	3375	Camb	1965	GRN, Cal, D, I		
370			Gilead	Sec. 14	Hobson	1	Turner	3343	Camb	1964	GRN, Cal, D, I, M		
654			Gilead	Sec. 14	Algonquin	1	Wood	3367	Camb	1964	GRN		
1735			Gilead	Sec. 14	Pearce; Hydrocarbon Liquids	4	Wood	3318	Camb	1964	GRN		
1850			Gilead	Sec. 14	Pearce; Hydrocarbon Liquids	5	Wood	3304	Camb	1964	GR, Pf		
1179			Gilead	Sec. 15	Galton	1	Hicks	3145	Camb	1964	GRN		
260			Gilead	Sec. 15	Hobson	1	Hicks	3173	Camb	1964	GRN		
306			Gilead	Sec. 15	Algonquin	1	Horn	3232	Camb	1963	GRN		
1511			Gilead	Sec. 15	Midland	1-B	Horn	3301	Camb	1964	GRN		
488			Gilead	Sec. 15	Baines	1	Lewis	3225	Camb	1963	GRN, Gd		
1024			Gilead	Sec. 15	Baines	1-A	Lewis	3149	Camb	1964	GRN, Cal, Gd, M		
307			Gilead	Sec. 15	Pilgrim	1	Lewis	3245	Camb	1963	GRN, Cal, D, I		
2587	1860		Gilead	Sec. 15	Altier	1	Sudler	3147	Camb	1965	GRN, Cal, D, I	Cut	2400 3147
2057	1782		Gilead	Sec. 15	Ashland	2	Shaffer	3271	Camb	1964	GRN, Cal, D, I	Cut	2400 3270
2931			Gilead	Sec. 15	Hunting	1-A	Shaffer	3193	Camb	1966	GR, Cal, D, I, T		
2886			Gilead	Sec. 15	Pilgrim	1	Shaffer	3200	Camb	1966	GRN		
2701	1725		Gilead	Sec. 15	Ashland	1	Shaffer-McPeck	3208	Camb	1965	GRN, L	Cut	2540 3208
262			Gilead	Sec. 15	Moore	1	Walton	3360	Camb	1963	GRN, Cal, CC, CT, D, I, M, Pf		
338	1176		Gilead	Sec. 15	Moore	2	Walton	3237	Camb	1963	GRN, Cal, CC, D, I, M, Pf	Cut	425 3237
1858			Gilead	Sec. 15	Moore	3	Walton	3318	Camb	1964	GRN, Cal, CC, D, I, M, Pf		
2250			Gilead	Sec. 15	Moore	4	Walton	3187	Camb	1964	GRN, Cal, D, I		
470			Gilead	Sec. 18	Atha	1	Burns	3407	Camb	1964	GRN, L		
988			Gilead	Sec. 18	Hobson	1	Heiman	3540	Camb	1964	GRN		
468			Gilead	Sec. 18	Atha	1	Lyons & Price	3487	Camb	1964	GRN		
2185	1779		Gilead	Sec. 22N	Ashland	1	Hartpence	3257	Camb	1964	GRN, Cal, D, I	Cut	2460 3255
2511			Gilead	Sec. 22N	Dever	2	Hartpence	3157	Camb	1965	GRN		
2448			Gilead	Sec. 22N	Hosagland	1	Kelly	3272	Camb	1965	GRN, I		
1981	1762		Gilead	Sec. 22N	Ashland	1	Scotts	3244	Camb	1964	GRN, Cal, D, I	Cut	2400 3244
165	1135		Gilead	Sec. 22S	Ashland	1	Baker	3353	Camb	1963	GRN, Cal, I, M	Cut	480 3350
2106			Gilead	Sec. 22S	Ashland	1	Baker	3300	Camb	1964	GRN, Cal, D, I		
193			Gilead	Sec. 22S	Vaught	1	Burns	3229	Camb	1964	GRN		
2296	1828		Gilead	Sec. 22S	Ashland	A-1	Curtis	3375	Camb	1964	GRN, I	Cut	2550 3375
1698			Gilead	Sec. 22S	Patrick	1	Curtis	3380	Camb	1964	GRN, I		
1847			Gilead	Sec. 22S	Tatum	1-A	Moshier	3305	Camb	1964	GRN, I		
1972			Gilead	Sec. 22S	Wadkins	1	Moshier	3350	Camb	1964	GRN, I		
1533			Gilead	Sec. 22S	Ashland	1	Moshier-Curtis	3287	Camb	1964	GRN, Cal, I, M		













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106	1601	Morrow	Lincoln	Lot 26 (1Q)	Moore; Lake Shore	2	Walter	3220	Camb	1963	GRN, Cal, CC, D, I, P, I	100	3320	Cut	3050	3320
2553		(continued)	Lincoln	Lot 27 (4Q)	Basore	1	Baughman-Lucas-Carrroll	3190	Camb	1965	GRN, I	0	3188			
1417			Lincoln	Lot 27 (1Q)	Moore	1	Click	3310	Camb	1964	GRN, Cal, D, I, M	100	3309			
274			Lincoln	Lot 27 (1Q)	Moore	1	Fraker	3210	Camb	1964	GRN, Cal, CC, D, I, M, Pt	0	3207			
1793			Lincoln	Lot 27 (1Q)	Bates & Westfall	1	Heimlich	3215	Camb	1964	GRN	30	3214			
2527			Lincoln	Lot 27 (4Q)	Basore	1	James	3119	Camb	1965	GRN	10	3112			
1326			Lincoln	Lot 27 (1Q)	Hemphill	4	Little Hollywood	3180	Camb	1964	GRN, Cal, D, I, M	100	3177			
163	1844		Lincoln	Lot 27 (2Q)	Lake Shore	1	LaRoche	3614	Camb	1964	GRN, Cal, D, I, L, M, ML, S	100	3597	Cut	3110	3610
2731			Lincoln	Lot 27 (2Q)	Pilgrim	1	LaRoche	3347	Camb	1964	GRN, CC	2700	3346			
2829			Lincoln	Lot 28 (1Q)	Moore	2	Fraker	3216	Camb	1965	GRN, Cal, D, I	10	3215			
2957			Lincoln	Lot 28 (1Q)	Moore	3	Fraker	3134	Camb	1967	GRN	100	3133			
2837			Lincoln	Lot 28 (1Q)	Moore	1-A	Heimlich	3231	Camb	1966	GRN	100	3225			
2810			Lincoln	Lot 28 (4Q)	Moore	1	James	3100	Camb	1966	GRN	100	3062			
2282			Lincoln	Lot 29 (4Q)	Graytex; Lake Shore	1	Cook-Walker	3314	Camb	1964	GRN, Cal, CC, D, I	0	3314			
2191			Lincoln	Lot 29 (4Q)	BTA; Moore	1	Dunham	3293	Camb	1964	GRN	0	3292			
2750	1955		Lincoln	Lot 29 (4Q)	Moore	1	Dunham	3132	Camb	1965	GRN, Cal, D, L	0	3131	Cut	2500	3130
2829			Lincoln	Lot 29 (1Q)	McClure; Patrick	1	Renz	3180	Camb	1966	GR, Cal, D, I	0	3179			
1868			Lincoln	Lot 30 (4Q)	Allen	1	Walter	3264	Camb	1964	GRN, I	100	3254			
2078			Lincoln	Lot 30 (4Q)	Moore	1	Walter	3277	Camb	1964	GRN, Cal, D, I	20	3277			
2406			Lincoln	Lot 31 (4Q)	Carter	2	Baker	3205	Camb	1965	GRN	100	3204			
2840	1899		Lincoln	Lot 31 (1Q)	Moore; Lake Shore	1	Robinson	3166	Camb	1966	GRN	100	3165			
2267	1760		Lincoln	Lot 32 (4Q)	Ashland	2	Baker	3250	Camb	1964	GRN	0	3199	Cut	2480	3250
2297			Lincoln	Lot 32 (4Q)	Ashland	2	Baker	3275	Camb	1964	GRN, I	0	3254	Cut	2450	3275
1650			Lincoln	Lot 32 (1Q)	Canterbury	2	Dunham	3169	Camb	1964	GRN, CC	2400	3169			
809			Lincoln	Lot 32 (1Q)	Hill	1	Fiant	3205	Camb	1964	GRN, CC, CT	0	3204			
308			Lincoln	Lot 32 (1Q)	Mitchell & Donelson	1	Garverick	3163	Camb	1964	GRN, I	100	3162			
2298			Lincoln	Lot 32 (1Q)	Moore; Lake Shore	1	Lorimer	3196	Camb	1963	GRN, I	0	3196			
2283	1498		Lincoln	Lot 32 (1Q)	Thomas	1	Lorimer & Fiant	3191	Camb	1965	GRN	2400	3189			
453			Lincoln	Lot 33 (1Q)	Simcox	1	Crump	3155	Camb	1965	GRN	2400	3154	Cut	2210	3146
1653			Lincoln	Lot 33 (1Q)	Jenkins	3	Denton	3282	Camb	1964	GRN	2300	3285			
2186	1778		Lincoln	Lot 33 (1Q)	Strong	1	Dunham	3169	Camb	1964	GRN	1000	3168			
2285			Lincoln	Lot 34 (4Q)	Ashland	1	Heading	3200	Camb	1964	GRN, I	0	3181	Cut	2400	3200
2447			Lincoln	Lot 34 (4Q)	Carter	1	Heading	3190	Camb	1964	GRN, I	0	3186			
2469			Lincoln	Lot 34 (4Q)	Carter	2	Heading	3187	Camb	1965	GRN, Cal, D, I	0	3186			
2814			Lincoln	Lot 34 (4Q)	Carter	3	Heading	3154	Camb	1965	GRN	0	3138			
2109			Lincoln	Lot 34 (4Q)	Carter	4	Heading	3185	Camb	1965	GRN	0	3185			
2150			Lincoln	Lot 35 (4Q)	Keener	1	Fegley	3150	Camb	1964	GRN, Cal, D, I, M	0	3149			
2175			Lincoln	Lot 35 (4Q)	Keener	2	Fegley	3108	Camb	1964	GRN, Cal, D, I	0	3103			
2370	1616		Lincoln	Lot 35 (4Q)	Keener	3	Fegley	3135	Camb	1964	GRN, Cal, D, I	0	3135			
2387			Lincoln	Lot 35 (4Q)	Keener	5	Fegley-Power	3151	Camb	1965	GRN, Cal, D, I	0	3150	Cut	2950	3120
2230			Lincoln	Lot 35 (4Q)	Keener	6	Fegley-Power	3150	Camb	1965	GRN, Cal, D, I, M	0	3148			
1591			Lincoln	Lot 35 (1Q)	Moore	4	Power-Fegley	3152	Camb	1964	GRN, Cal, I	0	3151			
1871			Lincoln	Lot 35 (1Q)	Moore; Lake Shore	1	Thomas	3300	Camb	1964	GRN, I	100	3287			
2543			Lincoln	Lot 36 (2Q)	Moore; Lake Shore	1	Davis	3190	Camb	1964	GRN	100	3185			
134	1132		Lincoln	Lot 36 (2Q)	E & W	1	Norling	3247	Camb	1964	GRN	100	3246			
1741			Lincoln	Lot 36 (1Q)	R. K. Shaffer	1	Norling-Heskett	3265	Camb	1965	GRN	0	3264	Cut	80	3400
2685			Lincoln	Lot 37 (4Q)	Ragsdale & Crain	1	Moore; Lake Shore	3400	Camb	1963	GRN	20	3394			
							Culp	3185	Camb	1964	GRN, Cal, CT, D, I, M	100	3247			
										1965	GRN	14	3113			

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											Type	Maximum range		Type	
2824		Morrow (continued)	Lincoln	Lot 37 (4Q)	Ragsdale	1	Culp & Ewing	3150	Camb	1966	GR, Cal, D	0	3129		
2818			Lincoln	Lot 37 (4Q)	Lake Shore	2	Culp	3157	Camb	1966	GRN, Cal, D, I	0	3156		
2767			Lincoln	Lot 37 (4Q)	McClure; Patrick	1	Longshore & Shoemaker	3148	Camb	1965	GR, Cal, D, I	10	3147		
1666			Lincoln	Lot 37 (1Q)	Allen	1	McDonald	3270	Camb	1964	GRN, Cal, CC, D, I, M, P, I	100	3268		
509			Lincoln	Lot 37 (1Q)	Moore; Lake Shore	1	McDonald	3204	Camb	1963	GRN	100	3203		
2100			Lincoln	Lot 37 (1Q)	Moore	2	McDonald	3258	Camb	1964	GRN, I	0	3257		
2020			Lincoln	Lot 37 (2Q)	Fulk; Patrick	2	Wilhelm	3350	Camb	1964	GRN	2660	3353		
2793			Lincoln	Lot 38 (4Q)	Lake Shore	1	Baughman & Lucas	3151	Camb	1966	GRN, Cal, D, I	0	3150		
2829			Lincoln	Lot 38 (4Q)	Lake Shore	2	Baughman & Lucas	3350	Camb	1966	GRN, I	20	3149		
250			Lincoln	Lot 38 (2Q)	Patrick	1	Wilhelm	3421	Camb	1963	GRN	2600	3421		
703	1233		Lincoln	Lot 39 (2Q)	Keener	1	Dallas	3285	Camb	1964	GRN, Cal, D	100	3284	3145	3277
2531			Lincoln	Lot 39 (4Q)	Basore	2	Trimmer	3108	Camb	1965	GRN	10	3097		
2678			Lincoln	Lot 40 (4Q)	Moore; Lake Shore	1	Fiant	3164	Camb	1965	GRN, Cal, D, I	100	3163		
2166			Lincoln	Lot 40 (4Q)	Allen	1	Smith	3301	Camb	1964	GRN, Cal, D, I	110	3171		
1697		Lincoln	Lot 40 (4Q)	Hill	1	Smith	3254	Camb	1964	GRN, Cal, D, I	100	3253			
2658		Lincoln	Lot 40 (4Q)	Moore; Lake Shore	3	Smith	3152	Camb	1966	GRN, Cal, D, I	10	3151			
336		Lincoln	Sec. 13	Kin-Ark	1	Dominy	3155	Camb	1963	GRN, I	2090	3148			
1658		Lincoln	Sec. 17	Kin-Ark	1	Berry	3103	Camb	1964	GRN, Cal, D, I	0	3102			
2197		Lincoln	Sec. 17	Delaco	1	Brandum-Underwood	3127	Camb	1964	GRN	2350	3126			
1509		Lincoln	Sec. 17	Kin-Ark	1	Chaffin-Coomer	3275	Camb	1964	GRN	70	3275			
2564	1620	Lincoln	Sec. 17	Reco	1	Jones	3100	Camb	1965				110	3100	
2178		Lincoln	Sec. 17	Kin-Ark	1	Ruggles	3099	Camb	1964	GRN, Cal, D	20	3098			
952		Lincoln	Sec. 17	Kin-Ark	1	Underwood	3265	Camb	1964	GRN	20	3265			
1904		Lincoln	Sec. 18	Kin-Ark	1	Coomer	3125	Camb	1964	GRN, Cal, D, I	30	3124			
2784		Lincoln	Sec. 18	Lake Shore	1	Culp	3151	Camb	1966	GRN, I	100	3150			
2028		Lincoln	Sec. 18	Kin-Ark	1	Fischer	3131	Camb	1964	GRN, Cal, D, I	10	3130			
2874		Lincoln	Sec. 18	Ragsdale	1	Staynor	3106	Camb	1967	GRN, CC, P, I	2300	3105			
2563	1608	Lincoln	Sec. 18	Reco	1	Cook	3150	Camb	1965				400	3150	
2095		Lincoln	Sec. 23	Kin-Ark	2	Cook	3126	Camb	1964	GRN, Cal, D, I	10	3024			
2533		Lincoln	Sec. 23	Kin-Ark	3	Cook	3099	Camb	1965	GRN, Cal, D, I	0	3098			
2133	1902	Lincoln	Sec. 23	Ashland	1	Mosher	3199	Camb	1964	GRN, Cal, D, I	0	3198			
1914		Lincoln	Sec. 24	Kin-Ark	1	Cook	3087	Camb	1964	GRN, Cal, D, I	100	3086			
2212		Lincoln	Sec. 24	Kin-Ark	1	Kingman	3111	Camb	1964	GRN, Cal, D, I	0	3110			
1660	1315	Lincoln	Sec. 24	Shrider	1	Parsons	3076	Camb	1964	GRN, Cal, D, I	0			570	3076
2381		Lincoln	Sec. 24	Kin-Ark	1	Radel	3123	Camb	1965	GRN, Cal, D, I	0	3122			
2029		Lincoln	Sec. 24	Kin-Ark	1	Riggle	3230	Camb	1964	GRN	0	3228			
2003		Lincoln	Sec. 24	Kin-Ark	1	Showalter	3125	Camb	1964	GRN, Cal, D, I	20	3124			
2518		Lincoln	Sec. 24	Kin-Ark	2	Showalter	3107	Camb	1965	GRN, Cal, D, I	0	3106			
1566	1260	N. Bloomfield	Sec. 7	Petr. Promotions	1	Roelle	3470	Camb	1964	GRN	100	3605			
2772		N. Bloomfield	Sec. 8	Midland	1	Gladhill	3607	Camb	1965					3042	3460
1632	1268	N. Bloomfield	Sec. 11	Cheatham; Glenwood	1	Heffley	3960	Camb	1964	GRN, I	50	3658			
2415		N. Bloomfield	Sec. 21	Kin-Ark	1	Rankin	3660	Camb	1965	GRN, I	50	3658			
177	1186	N. Bloomfield	Sec. 22	Sharp	1	Stefel	3940	Camb	1963	GRN	0	3933			
2280		N. Bloomfield	Sec. 23	Great Basin	1	Robinson	3977	Camb	1965	GRN	0	3976			
2281		N. Bloomfield	Sec. 26	Kin-Ark	1	Swartz	3905	Camb	1964	GRN, I	30	3904			
2941	1979	N. Bloomfield	Sec. 31	Affeld	2-A	Garverick	3457	Camb	1966						
1644	1320	Perry	Sec. 5	Null & Covey	1	Smith	3935	Camb	1964	GR, DM	2300	4091			
1031		Perry	Sec. 7	Astro	1	LeMons	4121	Camb	1964	GRN, Cal, D	0	1713			
2368	1521	Perry	Sec. 7	Sohio	2	Merwine	1714	Camb	1965					70	1703
1936	1458	Perry	Sec. 18	Astro	1	Margavich	4078	Camb	1964					2878	4040
2621		Perry	Sec. 19	K. S. T.	1	McWilliams	1625	Camb	1965	GRN	10	1624			
1539	1321	Perry	Sec. 20	Mutual	1	Hersner	3995	Camb	1964	Cal, CB, L, S	2178	3988			
2517	1592	Perry	Sec. 20	Sohio	1	Lanker	4150	Camb	1965	GRN	30	4148			

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Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file				
											Geophysical logs		Samples		
											Type	Log	Range		
		Morrow (continued)					Sherman	1509	Camb	1965	GRN	0	1508		
2704			Perry	Sec. 31	Moore	1	Levering	4000	Camb	1965	GRN,I	30	3998		
2424			Perry	Sec. 32	Trittipo	1	Kohler-Dennis	3252	Camb	1965	GRN	0	3251		
2516			Peru	Lot 1 (4Q)	Holtom	1	Myers	3286	Camb	1964	GRN	2200	3281		
1531			Peru	Lot 1 (3Q)	Alum Creek	2	Myers	3130	Camb	1964	GRN	2200	3130		
1731			Peru	Lot 1 (3Q)	Alum Creek	2									
			Peru	Lot 2 (4Q)	Hunting	1-A	Dennis	3159	Camb	1966	GRN	100	3158		
2882			Peru	Lot 3 (1Q)	Keener	1	Bailey	3205	Camb	1965	GRN	0	3202		553
2439	1582		Peru	Lot 3 (4Q)	Lichlyter & Root	1	Counts	3156	Camb	1964	GRN	100	3156		3205
2247			Peru	Lot 4 (4Q)	Lichlyter	2	Sheridan	3075	Camb	1964	GRN	2350	3053		
2083			Peru	Lot 4 (4Q)	Lichlyter	3	Sheridan	3060	Camb	1964	GRN	2300	3054		
2213			Peru	Lot 4 (4Q)	Lichlyter	3									
2108			Peru	Lot 4 (3Q)	Alum Creek	1	Swagler	3205	Camb	1964	GRN	10	3201		
1961	1898		Peru	Lot 5 (4Q)	Ashland	1	Lober	3247	Camb	1964	GRN, Cal, D, I	100	3246		2450
1982	1768		Peru	Lot 5 (4Q)	Ashland	2	Lober	3228	Camb	1964	GRN	10	3227		2450
2462	1896		Peru	Lot 5 (4Q)	Ashland	3	Lober	3258	Camb	1965	GRN, I	0	3257		3255
2915			Peru	Lot 6 (1Q)	Moore	1	Cowgill-Shaver-Neff	3129	Camb	1966	GRN	100	3126		
2617	1802		Peru	Lot 6 (3Q)	Alum Creek	1	Poston-Aleshire	2920	Camb	1965	GRN	70	2919		260
922			Peru	Lot 6 (1Q)	Travis	1	Robson	3335	Camb	1964	GRN	2400	3334		2920
2879			Peru	Lot 6 (1Q)	Ashland	1	Windor	3278	Camb	1966	GRN, Cal, D, I	0	3280		
2501			Peru	Lot 7 (4Q)	Hoagland	1-A	Bellamy	3150	Camb	1965	GRN, Cal, D, I	100	3140		
2578	1894		Peru	Lot 7 (4Q)	Hoagland	2	Bellamy	3125	Camb	1965	GRN, Cal, CC, D, I, Pf	0	3122		2430
2162	1895		Peru	Lot 7 (4Q)	Ashland	1	Bellamy-Lober-Totten	3275	Camb	1964	GRN	2500	3207		2400
2995			Peru	Lot 7 (1Q)	Ragsdale	1	Blackledge & Dye	3208	Camb	1967	GRN, CC, I	10	3213		3273
2739	1709		Peru	Lot 7 (4Q)	Hoagland	1	Cook-Totten	3215	Camb	1967	GRN	2500	3207		
2894			Peru	Lot 7 (1Q)	Moore	2	Cowgill	3139	Camb	1966	GRN	100	3133		2500
2673	1711		Peru	Lot 7 (4Q)	Hoagland	1	Totten	3410	Camb	1964	GRN, Cal, CC, D, I, Pf	0	3122		2400
2656			Peru	Lot 8 (4Q)	Hoagland	1	Clark	3100	Camb	1965	GRN	0	3099		3080
2226			Peru	Lot 8 (4Q)	McClure	1	Clark	3327	Camb	1964	GRN	0	3326		
2781			Peru	Lot 8 (1Q)	Duncan	1	Davis-Smith	3228	Camb	1966	GR, Cal, D, I	100	3222		
2450			Peru	Lot 8 (1Q)	Hoagland	1	Dye	3379	Camb	1965	GRN, I	0	3378		
2312			Peru	Lot 8 (4Q)	Lake Shore	1	Ferko	3286	Camb	1964	GRN, I	100	3285		
2626			Peru	Lot 8 (4Q)	Lake Shore	2	Ferko	3304	Camb	1964	GRN, CC, I, Pf	0	3303		
2468			Peru	Lot 8 (3Q)	Kin-Ark	1	Nauman-Senff	3148	Camb	1965	GRN	0	3147		
1424			Peru	Lot 9 (1Q)	Hobson	1	Bennett	3136	Camb	1964	GRN	2400	3063		
1291			Peru	Lot 9 (1Q)	Dynamic Mineral	1	Davis	3250	Camb	1964	GRN	0	3199		2500
1819			Peru	Lot 9 (1Q)	Dynamic Mineral	2	Davis	3252	Camb	1964	GRN	100	3251		3250
2876			Peru	Lot 9 (1Q)	Ragsdale	1	Davis	3265	Camb	1966	GRN	2500	3264		
2474			Peru	Lot 9 (3Q)	Kin-Ark	1	Henry-Senff-Nauman	3098	Camb	1965	GRN, Cal, D, I	0	3097		
1721			Peru	Lot 9 (1Q)	Kin-Ark	1	Wheeler	3200	Camb	1965	GRN, Cal, D, I	0	3200		
1862			Peru	Lot 9 (1Q)	Kin-Ark	2	Wheeler	3200	Camb	1964	GRN, Cal, D, I	100	3200		
2453	1577		Peru	Lot 10 (4Q)	Cassidy	1	Burke	3186	Camb	1964	GRN, Cal, D, I	100	3254		2510
			Peru	Lot 11 (1Q)	Lake Shore	1	Allison-High	3345	Camb	1965	GRN	0	3342		
2670	1900		Peru	Lot 11 (1Q)	An-Car	1	Baker	3275	Camb	1965	GRN	0	3080		2500
2576			Peru	Lot 11 (3Q)	Kin-Ark	1	Jenkins	3060	Camb	1964	GRN	0	3060		3275
1786			Peru	Lot 11 (4Q)	Lake Shore	2	Westbrook	3362	Camb	1965	GRN	0	3361		
2410			Peru	Lot 11 (4Q)	Lake Shore	4	Westbrook	3255	Camb	1965	GRN	100	3254		
2736			Peru	Lot 11 (4Q)	Lake Shore	4	Westbrook	3255	Camb	1965	GRN	100	3254		
			Peru	Lot 12 (1Q)	Lake Shore	1	Black & Tretow	3220	Camb	1966	GRN, Cal, D, I	0	3218		
2891			Peru	Lot 12 (4Q)	Reco	1	Bonham	3273	Camb	1964	GRN	2400	3175		430
1867	1309		Peru	Lot 12 (1Q)	Kniffin;Great Lakes	1	Butler-Webb	3210	Camb	1964	GRN	0	3212		3270
1630			Peru	Lot 12 (1Q)	Mansfield	1	Dowalter	3213	Camb	1964	GRN	0	3212		
2151			Peru	Lot 12 (1Q)	Allen	1	Miracle	3250	Camb	1964	GRN	20	2224		
1602			Peru	Lot 12 (1Q)	Allen	1	Miracle	3250	Camb	1964	GRN	20	2224		
1615	1843		Peru	Lot 12 (1Q)	Lake Shore	1	Tretow	3200	Camb	1964	GRN, Cal, D, I, M	100	3197		2400
1603			Peru	Lot 13 (1Q)	Vaught	1	Adams	3190	Camb	1964	GRN	30	3189		3200
2587			Peru	Lot 13 (1Q)	Lake Shore	3	Bible	3330	Camb	1964	GRN, Cal, D, I	10	3329		

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											Geophysical logs		Samples	
											Type	Maximum range		Type
		Morrow (continued)	Peru	Lot 13 (1Q)	Kin-Ark	2	Howard	3133	Camb	1964	GRN	20	3132	
938			Peru	Lot 14 (1Q)	Lichlyer	1	Armstrong-Metzger	3218	Camb	1964	GRN	2450	3209	
2198			Peru	Lot 14 (1Q)	Kin-Ark	1	Barber	3181	Camb	1963	GRN	0	3180	
441			Peru	Lot 14 (1Q)	Adams	1	Fisher	3317	Camb	1964	GRN, I	100	3316	2500
2137	1960		Peru	Lot 14 (3Q)	Davis	1	Silveous	3087	Camb	1964	GRN	2250	3082	
			Peru	Lot 14 (3Q)	Davis	3	Silveous	3005	Camb	1965	GRN	2300	3002	
2235			Peru	Lot 14 (3Q)	Davis	4	Silveous	3034	Camb	1965	GRN	2264	3033	
2507			Peru	Lot 14 (4Q)	Lake Shore	1	Westbrook	3374	Camb	1965	GRN	0	3372	
2650			Peru	Lot 14 (1Q)	Kin-Ark	2	Williams	3346	Camb	1963	GRN, Cal, D, I	0	3345	
327			Peru	Lot 14 (1Q)	Kin-Ark	1	Williams	3156	Camb	1964	GRN, Cal, D, I	0	3153	
2256			Peru	Lot 15 (1Q)	Lake Shore	1	Church of God	3350	Camb	1964	GRN, Cal, D, I, M	0	3349	
2204			Peru	Lot 15 (1Q)	Kin-Ark	1	Shaver	3183	Camb	1964	GRN, Cal, I, M	0	3182	
1211			Peru	Lot 15 (1Q)	Kin-Ark	2	Shaver-Neff	3195	Camb	1964	GRN, Cal, D, I	0	3191	
1444			Peru	Lot 15 (1Q)	Kin-Ark	3	Shaver-Neff	3207	Camb	1964	GRN, Cal, D, I	30	3204	
1580			Peru	Lot 15 (1Q)	Kin-Ark	4	Shaver-Neff	3204	Camb	1964	GRN, Cal, D, I	0	3203	
1657			Peru	Lot 15 (3Q)	Davis	2	Silveous	3027	Camb	1964	GRN	2200	3026	
1926			Peru	Lot 15 (4Q)	Lake Shore	1	Westbrook	3280	Camb	1965	GRN, Cal, D, I	10	3248	3010
2404	1915		Peru	Lot 15 (4Q)	Lake Shore	4	Church of God	3250	Camb	1966	GRN	0	3229	
2849			Peru	Lot 16 (4Q)	Lake Shore	2	Shaver-Devol-Boring	3330	Camb	1965	GRN, Cal, D, I	0	3146	
2671			Peru	Lot 16 (1Q)	Kin-Ark	1		3147	Camb	1965	GRN			
2494			Peru	Lot 16 (1Q)	Kin-Ark	1			Camb	1965	GRN, Cal, D, I			
			Peru	Lot 16 (1Q)	Kin-Ark	5	Shaver-Neff	4215	PC	1964	GRN, I	0	4194	3000
1681	1300		Peru	Lot 17 (1Q)	Kin-Ark	1	Devol	3175	Camb	1965	GRN, Cal, D, I	0	3174	4215
2481			Peru	Lot 17 (4Q)	Hudson Ohio	1	Neil	3242	Camb	1965	GRN, Cal, D, I, M	2400	3241	400
2467	1545		Peru	Lot 17 (4Q)	Kin-Ark	1	Stewart	3500	Camb	1964	GRN, Cal, D, I, L	0	3498	3240
1461			Peru	Lot 17 (3Q)	Ashland	1	Totten	3232	Camb	1964	GRN, Cal, D, I	100	3232	2360
2257	1885		Peru	Lot 17 (3Q)	Sun	1	Totten	3203	Camb	1965	GRN, Cal, D, I, L	100	3202	
2744			Peru	Lot 18 (4Q)	Ashland	1	Neil	3318	Camb	1965	GRN, Cal, D, I	0	3247	3314
2382	1890		Peru	Lot 18 (1Q)	Kin-Ark	1	Osborn	3248	Camb	1965	GRN, Cal, D, I	20	3184	
2441			Peru	Lot 18 (1Q)	Kin-Ark	2	Osborn	3185	Camb	1965	GRN, Cal, D, I	100	3178	
2559			Peru	Lot 18 (1Q)	Kin-Ark	1	Cook-Barber	3179	Camb	1967	GRN			
3005			Peru	Lot 19 (1Q)	Patrick	1			Camb	1965	GRN, Cal, D, I	0	3454	
			Peru	Lot 20 (4Q)	Lake Shore	1	Caddis	3455	Camb	1965	GRN			
2651			Peru	Lot 20 (3Q)	Beck	1	Smith	3103	Camb	1964	GRN			2350
2060	1508		Peru	Lot 21 (3Q)	Wenner	1	Cummins	3074	Camb	1967	GRN	2300	3073	
2946			Peru	Lot 23 (3Q)	Midwest	1	Miley	3091	Camb	1965	GRN	2300	3090	
2479	1594		Peru	Lot 24 (4Q)	McClure	1	Chambers	3300	Camb	1965	GRN	10	3290	50
2666			Peru	Lot 25 (3Q)	Hunting	1	Bowman	3161	Camb	1966	GRN	20	3161	
2836			Peru	Lot 27 (3Q)	Atha	1	Westbrook	2991	Camb	1967	GRN	2300	2990	
2996			Peru	Lot 28 (3Q)	Dee	1	Crawbaugh	3080	Camb	1964	GRN, Cal, D, I	0	3020	
1969			Peru	Lot 28 (3Q)	Kin-Ark	1	Lynn	3040	Camb	1964	GRN	0	3038	
2157			Peru	Lot 30 (3Q)	Kin-Ark	3	Crawbaugh	3054	Camb	1965	GRN, Cal, D, I	20	3053	
2402			Peru	Lot 30 (3Q)	Kin-Ark	2	Lynn	3042	Camb	1964	GRN, Cal, D, I	0	3040	
2203			Peru	Lot 31 (3Q)	Dee	2	Crawbaugh	3050	Camb	1964	GRN, I	0	3046	
1970			Peru	Sec. 3	Patrick	1	Barber	3125	Camb	1967	GRN	350	3124	
3006			Peru	Sec. 3	Shrider	4	Kenney	3155	Camb	1967	GRN	2300	3155	
3022			Peru	Sec. 5	Morrison	1	Mattix	3054	Camb	1967	GRN	2250	3053	
2227			Peru	Sec. 5	Whemeyer	1	Messinger	426	Dev	1960	GRN, I	20	3100	237
	1127		Peru	Sec. 6	Kin-Ark	1	Smiley-Coomer	3100	Camb	1964	GRN	2200	3026	
2114			Peru	Sec. 7	Shrider	1	Bennett	3027	Camb	1963	GRN	0	3156	
203			Peru	Sec. 7	Kin-Ark	1	Davis	3160	Camb	1964	GRN	0	3156	
2154			Peru	Sec. 7	Stocker & Sittler	1	Helton	2980	Camb	1964	GRN			2300
2103	1400		Peru	Sec. 14	Leonard	1	Crist	3017	Camb	1965	GRN	2300	3011	
2769			Peru	Sec. 15	Leonard	1	Crist	3018	Camb	1966	GRN	2250	3013	
2809			Peru			1-A			Camb					

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											Geophysical logs		Samples		
											Type	Maximum range	Type	Log	
1778	2914	Morrow (continued)	Peru	Sec. 15	Kin-Ark	1	Sicklin	3155	Camb	1964	GRN, I	100	3154		
1806	1806		Peru	Sec. 21	Ashland	1	Hoyt	3340	Camb	1966	GRN, Cal, D, I	0	3339		
1782	1782		S. Bloomfield	Sec. 1	Skiles	1	Slack	4038	Camb	1964	GRN, I	3100	4038		
2163	2163		S. Bloomfield	Sec. 3	Falese	1	Herrrod	3982	Camb	1982	GRN, Cal, I, M	0	3982		
			S. Bloomfield	Sec. 3	Hoesland	1	Herrrod	3961	Camb	1964	GRN	0	3960		
690			S. Bloomfield	Sec. 3	Ringler	1	Herrrod	3983	Camb	1964	GRN, Cal, D, L, S	100	3975		
1534	1603		S. Bloomfield	Sec. 3	Rungler	1	Meiser	3980	Camb	1964	GRN	3150	3978	Cut	3800
1490			S. Bloomfield	Sec. 3	Keillor & Clark	1	Schatzman	3964	Camb	1964	GRN, CB, Gd, V	3200	3954		
1873			S. Bloomfield	Sec. 3	Keillor & Clark	2	Schatzman	3986	Camb	1964	GRN	1400	3985		
2082	1561		S. Bloomfield	Sec. 4	Keillor & Clark	3	Schatzman	3912	Camb	1964	GRN			Cut	3195
1596			S. Bloomfield	Sec. 5	Shaw	1	Long	3799	Camb	1964	GRN	3000	3799		
790			S. Bloomfield	Sec. 6	Poc	2-A	Ray	3919	Camb	1964	GRN	1000	3918		
1401			S. Bloomfield	Sec. 6	Poc	2-B	Ray	3903	Camb	1964	GRN	1100	3901		
1518			S. Bloomfield	Sec. 6	Poc	3-A	Ray	3880	Camb	1964	GRN	1100	3879		
2602	1640		S. Bloomfield	Sec. 6	Berry	1	Sears	3851	Camb	1965	GRN			Cut	3000
2233	1551		S. Bloomfield	Sec. 8	Preston	2	Richter	4033	Camb	1964	GRN			Cut	425
1247			S. Bloomfield	Sec. 9	Keener	1	Hulse	4034	Camb	1964	GRN			Cut	3875
2243	1480		S. Bloomfield	Sec. 9	Juniper	1	Hulse	4010	Camb	1965	GRN			Cut	4034
1676			S. Bloomfield	Sec. 9	Falese	1	Meiser	4075	Camb	1964	GRN	100	4074	Cut	325
2244	1564		S. Bloomfield	Sec. 15	Juniper	1	Martin	3838	Camb	1965	GRN			Cut	350
1692			S. Bloomfield	Sec. 18	Cox	1	Groves	4023	Camb	1964	GRN	3200	4020	Cut	3687
114	1228		S. Bloomfield	Sec. 18	Ferguson	1	Hollis	4010	Camb	1963	GRN	20	4000	Cut	4010
675	1219		S. Bloomfield	Sec. 19	Ferguson	1	Hankins	4072	Camb	1964	GRN			Cut	1353
150			S. Bloomfield	Sec. 23	Comanche	1	Mead	4188	Camb	1963	GRN, L, S	100	4185	Cut	4072
292	1211		S. Bloomfield	Sec. 25	Ferguson	1	Hankins	3839	Camb	1963	GRN, L	0	3832	Cut	345
93	1179		S. Bloomfield	Sec. 25	Ferguson	1	Hankins	3836	Camb	1963	GRN	0	3826	Cut	2989
2092	1382		Troy	Sec. 7	Mt. Carmel	1	Meckley	3900	Camb	1964	GRN	0	4114	Cut	500
2082	1580		Troy	Sec. 17	Shaw(Fulford)	1	Sanderlin	4115	Camb	1965	GRN	0	4114	Cut	3350
71	1097		Troy	Sec. 18	Pan American	1	Heston	4550	Camb	1963	GRN, Cal, I, L, S	0	4536	Cut	140
2148	1408		Troy	Sec. 19	Mt. Carmel	1	Snyder	4108	Camb	1964	GRN			Core	3990
644	1208		Troy	Sec. 20	Pan American	1	Raney	4300	Camb	1964	GRN, Cal, D, I, L, S	100	4298	Cut	850
1627	1431		Troy	Sec. 31	Sekeley	1	Cunningham	3051	Camb	1964	GRN			Cut	0
2399	1630		Troy	Sec. 31	Mt. Carmel	1	Williams	3920	Camb	1964	GRN			Cut	902
2904	1965		Washington	Sec. 1	Clark	1	Cover	3520	Camb	1966	GRN, Cal, D, I	0	3519	Cut	2043
2598			Washington	Sec. 1	Runyon	1	Carverick	3375	Camb	1965	GRN	2700	3375	Cut	1100
2984	2005		Washington	Sec. 1	Farrar-Young	1	Walker	3603	Camb	1967	GRN	0	3602	Cut	0
2681			Washington	Sec. 2	Mansfield	1	Creswell	3390	Camb	1965	GRN	2600	3387	Cut	385
2437	1542		Washington	Sec. 2	General	1	Ebert	3375	Camb	1965	GRN	2660	3375	Cut	2660
2643			Washington	Sec. 2	Mansfield	1	Ebert	3354	Camb	1965	GRN	2600	3354	Cut	3375
2557			Washington	Sec. 2	Davis	1	Miley	3416	Camb	1965	GRN, L	10	3395	Cut	385
2329	1479		Washington	Sec. 10S	Hudson Ohio	1	Deemer	3380	Camb	1965	GRN, I	100	3379	Cut	3600
2059	1783		Washington	Sec. 10S	Ashland	1	Kunze	3355	Camb	1964	GRN, Cal, D	100	3354	Cut	400
2195			Washington	Sec. 10S	Sands	1	Lepp	3259	Camb	1964	GR, Cal, D	100	3260	Cut	2410
2396			Washington	Sec. 10S	Sands	2	Lepp	3250	Camb	1965	GRN	0	3246	Cut	3335
2713	1720		Washington	Sec. 11S	Ashland	2	Kunze	3400	Camb	1965	GRN			Cut	2550
2865			Washington	Sec. 11S	Southern Triangle	1	Kunze	3352	Camb	1966	GRN	20	3351	Cut	3400
2398			Washington	Sec. 11S	Farrar & Young	1	Mattix	3406	Camb	1965	GRN	100	3403	Cut	2800
2582			Washington	Sec. 11S	Farrar & Young	2	Mattix	3366	Camb	1966	GRN	100	3366	Cut	2608
2595	1735		Washington	Sec. 11S	Ashland	1	Smotherman	3453	Camb	1965	GRN, Cal, D, I	100	3452	Cut	3450
2708	1710		Washington	Sec. 11S	Clark	3	Smotherman	3346	Camb	1965	GRN			Cut	3946



PERRY-PORTRAGE COUNTIES

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file								
											Geophysical logs	Maximum range	Samples						
											Type	Log	Range						
2580		Perry (continued)	Madison	Sec. 34	Quaker State	2	Coleman	3438	SH	1966	GR, Cal, CC, D, Pf	0	3426						
2505																	3500		
2500																	900		
2548																	3651		
2693																	3400		
2618																	2950		
2537																	2400		
2614																	3200		
2648																	2300		
2496																	3070		
2414																	2150		
2550																	2500		
2587																	2950		
2506																	2900		
2538																	2800		
2447																	2200		
2508																	2900		
2512																	2950		
2485																	2800		
2543																	2700		
13																	10		
8	1328																		
5	1378																		
4	1393																		
9																	100		
14	1645																		
15	1800																		
7	1329																		
12	1644																		
6	1540																		
17	1977																		
23	1066	Pike	Beaver	Sec. 5	Continental	1	Quinsel	1620	Ord	1962	GRN, L	80	1618	Cut	0	1620			
25	1089																581		
26	1080																992		
36	2086																5146		
35	1971																3999		
29	1324																3614		
22	1339																1089		
30	1396																3636		
21	1340																534		
24	1070																1441		
34	1683																3860		
27	1121																3845		
463																	4780		
450																	4760		
436																	4768		
479																	4388		
426		4344																	
437		4365																	
427		4385																	
457		4375																	
435		4403																	
		4000																	
		4402																	

PORTAGE COUNTY

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file			
											Geophysical logs		Maximum range	Log
											Type	Type	Log	Range
444		Portage (continued)	Brimfield	Lot 66	Oxford	1	Little	4400	SI	1986	GRN, Cal, D	3900	4399	
459			Brimfield	Lot 67	East Ohio Gas	1	Ebie	4365	SI	1986	GR, Cal, D	100	4370	
189			Deerfield	Lot 37	El Paso Natural Gas	1-A	Hoffman	5016	Ord	1963	GRN, CC, Pf	100	4968	
191			Deerfield	Lot 38	El Paso Natural Gas	2-A	Hoffman	5004	Ord	1963	GRN, CC, Pf	0	4865	
203		Deerfield	Lot 43	El Paso Natural Gas	1	Federal	4921	Ord	1963	GRN, CC, Pf	20	4867		
172		Deerfield	Lot 45	El Paso Natural Gas	1	Hoffman	4976	Ord	1963	GRN, CC	10	4932		
193		Deerfield	Lot 46	El Paso Natural Gas	4-A	Hoffman	4980	Ord	1963	GRN, CC, Pf	20	4939		
192		Deerfield	Lot 47	El Paso Natural Gas	3-A	Hoffman	5014	Ord	1963	GRN, CC, Pf	4450	4976		
194		Deerfield	Lot 47	El Paso Natural Gas	5-A	Hoffman	4980	Ord	1963	GRN, CC	50	4903		
96		Deerfield	Lot 48	Atlas	1	Vancamp	4950	Ord	1961	GRN, CC, L, Pf, S	0	4949		
304		Edinburg	Lot 1NE	K-VIII	1	Martin-Ensinger	4590	SI	1964	GRN, V	4200	4587		
305		Edinburg	Lot 1NE	K-VIII	2	Martin-Ensinger	4580	SI	1964	GRN, V	3850	4577		
320		Edinburg	Lot 1NE	K-VIII	1	Presley	4510	SI	1964	GRN, V	4100	4507		
294		Edinburg	Lot 1NE	K-VIII	1	Sanders-Davis	4620	SI	1964	GRN, V	4200	4587		
324		Edinburg	Lot 2NE	K-VIII	1	Evans	4580	SI	1964	GRN, V	3800	4577		
329		Edinburg	Lot 2NE	K-VIII	1	Foster	4633	SI	1964	GRN, V	4250	4630		
338		Edinburg	Lot 2NE	K-VIII	1	Nestor	4590	SI	1964	GRN, V	4150	4584		
339		Edinburg	Lot 2NE	K-VIII	2	Nestor	4560	SI	1964	GRN, V	4150	4557		
152		Edinburg	Lot 3SW	Marbilcap	1	Bivins	4715	SI	1964	GRN, Cal, CC, D, L, Pf	20	4691		
150		Edinburg	Lot 3SW	Boutell	1	Boutell	4746	SI	1964	GRN, Cal, D, L	0	4702		
126	1181	Edinburg	Lot 4SW	East Ohio Gas	1	Kratz	4756	SI	1963	GRN, Cal, CC, D, L, Pf, S, T	0	4753	110 4750	
177		Edinburg	Lot 4SW	Midland	1	Shillday	4729	SI	1963	GRN	4100	4870		
343		Edinburg	Lot 5NE	K-VIII	1	Hunter	4660	SI	1964	GRN, V	4250	4653		
360		Edinburg	Lot 5NE	K-VIII	1-A	Calvin	4715	SI	1964	GRN, Gd, V	4400	4715		
344		Edinburg	Lot 6NE	K-VIII	1	Haska	4690	SI	1964	GRN, V	4300	4688		
212		Edinburg	Lot 6NE	McGalliard & Sparks	1	Phile	4738	SI	1963	GRN, L	100	4724		
289		Edinburg	Lot 6NE	K-VIII	1	Sanders-Davis	4684	SI	1964	GRN, V	4300	4648		
182		Edinburg	Lot 6SW	Midland	1	Whittaker	4800	SI	1963	GRN, CC, Pf	4000	4774		
468		Palmyra	Lot 17	Cayman	2	Myers	4654	SI	1967	GRN, Cal, D, L	100	4640		
467		Paris	Lot 28	Cayman	1	Hauk	4645	SI	1966	GRN, Cal, CB, D, L	100	4644		
461		Paris	Lot 35	Cayman	1	Cimbanin	4653	SI	1966	GRN, Cal, D, L	100	4652		
462		Paris	Lot 35	Cayman	1	Sabel	4652	SI	1966	GRN, Cal, CB, CC, D, L, Pf	100	4651		
469		Paris	Lot 41	Cayman	1	Been	4653	SI	1966	GRN, Cal, D, L	100	4652		
466		Paris	Lot 42	Cayman	1	Jones	4655	Ord	1966	GRN, Cal, D, L	100	4654		
458		Paris	Lot 42	Cayman	1	Myers	4683	Ord	1966	GRN, Cal, D, L	100	4682		
238		Randolph	Lot 34	Huron	1	Brewer	4706	SI	1964	GR, Cal, CC, D, Pf	30	4704		
282		Randolph	Lot 37	Huron	1	Kidikas	4750	Ord	1964	GR, Cal, D	0	4733		
302		Randolph	Lot 43	Huron	1	Mannolt	4608	SI	1964	GRN, Cal, CC, D, L, Pf	0	4796		
237		Randolph	Lot 44	Huron	1	May	4660	SI	1964	GRN, CC, Pf	2600	4616		
236		Randolph	Lot 44	Huron	1	Neidert	4667	SI	1964	GRN, CC	2600	4665		
257		Randolph	Lot 45	Belden & Blake	1	Herchek	4616	SI	1964	GRN	50	4608		
271		Randolph	Lot 46	Huron	1	Wracher	4670	SI	1964	GRN, CC, Pf	2500	4630		
273		Randolph	Lot 47	Huron	1	Eberle	4630	SI	1964	GRN, CC	2500	4583		
274		Randolph	Lot 53	Huron	1	Miller	4720	SI	1964	GRN, CC, Pf	0	4673		
239		Randolph	Lot 54	Huron	1	Snyder	4608	SI	1964	GRN, CC	100	4575		
255		Randolph	Lot 56	Belden & Blake	1	Thomas	4549	SI	1964	GRN, CC	100	4545		
209		Randolph	Lot 64	Wier	1	Baughman	4601	SI	1963	GRN	100	4601		
244		Randolph	Lot 66	Belden & Blake	1	Harwell	4534	SI	1963	GRN	100	4533		
249		Randolph	Lot 67	Belden & Blake	2	Gouglar	4542	SI	1963	GRN	130	4536		
220		Randolph	Lot 74	Wier	1	Sayre	4588	SI	1963	GRN	100	4586		



PORTAGE-RICHLAND COUNTIES

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file				
											Geophysical logs		Samples		
											Type	Maximum range	Type	Log Range	
261		Portage (continued)	Randolph	Lot 75	East Ohio Gas	2	Meacham	4684	SI	1984	GRN, V	0	4449		
240			Randolph	Lot 76	East Ohio Gas	1	Meacham	4567	SI	1983	GRN, CC, Pf, V	0	4566		
204			Randolph	Lot 84	Wier	1	Merriman	4700	SI	1983	GRN, CC	100	4692		
449	1182		Randolph	Lot 89	East Ohio Gas	1	Davis	4461	SI	1986	GR, D	2400	4460	Cut	0 4526
168			Randolph	Lot 95	East Ohio Gas	1	Miller	4526	SI	1983					
246			Randolph	Lot 97	East Ohio Gas	1	Rogers	4518	SI	1983	GRN, CC, Pf, V	0	4517		
319			Randolph	Lot 98	East Ohio Gas	1	Benich	4444	SI	1984	GRN, V	0	4452		
393			Randolph	Lot 100	Atlas Minerals	1	Hoetler	4500	Ord	1965	GRN, Cal, D, L	100	4482		
389			Randolph	Lot 100	Atlas Minerals	1	Wolcott	4475	Ord	1965	GRN, Cal, D, L	100	4469		
429			Ravenna	Lot 3 (3Q)	Atlas Minerals	1	Bogus	4303	SI	1986	GRN, Cal, D	20	4308		
214			Ravenna	Lot 7 (2Q)	Kin-Ark	1	Thornton	4306	SI	1984	GR, Cal, CC, D, Pf	2300	4300		
448			Ravenna	Lot 41 (3Q)	Atlas Minerals	1	Wise	4391	SI	1986	GRN, Cal, CC, D, I, Pf	100	4390		
452			Ravenna	Lot 42 (3Q)	East Ohio Gas	1	Sprafka	4296	SI	1986	GR, D	0	4295		
453			Ravenna	Lot 42 (3Q)	East Ohio Gas	1	Badack	4285	SI	1986	GR, D	0	4383		
428			Ravenna	Lot 54 (3Q)	Atlas Minerals	1	Flinn	4331	SI	1986	GRN, Cal, D, I	100	4332		
447			Ravenna	Lot 59 (3Q)	Atlas Minerals	1	Steele	4336	Ord	1986	GRN, Cal, CC, D, I, Pf	100	4336		
303			Rootstown	Lot 9	Atlas Minerals	1	Phile	4575	SI	1984	GRN, Cal, D, L	0	4572		
173			Rootstown	Lot 10	Houchins-Midland	1	Hylbert	4624	SI	1982	GRN	2500	4623		
182		Rootstown	Lot 10	Houchins-Midland	1	Taylor	4634	SI	1982	GRN	2562	4633			
144		Rootstown	Lot 12	Midland	1	Knapp	4685	SI	1983	GRN	4000	4641			
186		Rootstown	Lot 12	Midland	1	Zickfoose-Metzner	4712	SI	1983	GRN, CC, Gd, Pf, V	2700	4711			
163		Rootstown	Lot 13	Midland	1	Smith	4600	SI	1983	GRN, CC, Pf	3900	4553			
172		Rootstown	Lot 22	Tri-State	1	Rhodes	4478	SI	1983	GRN, D	3750	4477			
184	1183	Rootstown	Lot 24	East Ohio Gas	2	Foster	4544	SI	1983						
215		Rootstown	Lot 24	East Ohio Gas	2	Foster	4552	SI	1983	GRN, CC, Pf, V	0	4551	Cut	0 4544	
188		Rootstown	Lot 24	Midland	1	Kibler	4575	SI	1983	GRN	3850	4567			
225		Rootstown	Lot 26	East Ohio Gas	1	Kline	4484	SI	1983	GRN, CC, Pf, V	0	4483			
431		Rootstown	Lot 31	Atlas Minerals	1	Kapusta	4442	Ord	1986	GRN, Cal, CC, D, I, Pf, T	100	4416			
301		Rootstown	Lot 33	Duty	1	Barr-Kelly	4556	Ord	1984	GRN, Cal, CC, D, Pf	100	4522			
263		Rootstown	Lot 36	East Ohio Gas	1	Kerr	4457	SI	1984	GRN, CC	0	4456			
433		Rootstown	Lot 38	East Ohio Gas	1	Winkler	4404	SI	1986	GR, D	0	4403			
465		Rootstown	Lot 38	Professional	1	Woodlee	4470	Ord	1986	GRN, D	3800	4473			
455		Rootstown	Lot 42	Atlas Minerals	1	Morter	4380	SI	1986	GR, Cal, CC, D, I, Pf	100	4376			
460		Rootstown	Lot 42	Atlas Minerals	1	Owen	4384	SI	1986	GR, Cal, CC, D, I, Pf	3700	4375			
487		Rootstown	Lot 44	East Ohio Gas	2	Sandy Lake Land	4422	SI	1987	GR, D	0	4419			
423		Rootstown	Lot 46	East Ohio Gas	1	Sober	4384	SI	1986	GRN, CC	2400	4367			
451		Rootstown	Lot 47	East Ohio Gas	1	Lamm	4373	SI	1986	GR, D	0	4377			
478		Suffield	Lot 5	Cayman	1	Keller	4455	SI	1987	GRN, Cal, D, L	50	4413			
418		Suffield	Lot 5	Atlas Minerals	1	Salyors	4495	Ord	1985	GRN, Cal, CC, D, L, Pf	100	4438			
419		Suffield	Lot 6	Atlas Minerals	1	Kemmerly	4475	Ord	1985	GRN, Cal, CC, D, L, Pf	100	4445			
410		Suffield	Lot 8	East Ohio Gas	1	Ferorovich	4462	SI	1985	GRN, Cal, CC, D, I, L, Pf	100	4461	Cut	90 4390	
477	2019	Suffield	Lot 15	East Ohio Gas	1	Ord	4390	SI	1987						
51	2021	Putnam	Riley	Sec. 10	Transamerica	1	Suter	1971	Camb	1986	GRN	0	1309	Cut	45 1959
407	1230	Richland	Blooming Grove	Sec. 10	Rock Castle	1	Cuppy	1201	Dev	1986	GRN	900	1200	Cut	440 4150
286	339	Richland	Blooming Grove	Sec. 28	Southern Triangle	1	Barnd	4150	Camb	1984	GRN	100	4148	Cut	3217 3934
339	1622	Richland	Blooming Grove	Sec. 29	Stocker & Stiles	1	Dyer	3984	Camb	1985	GRN	0	4341	Cut	3605 4839
437		Richland	Blooming Grove	Sec. 34	Southern Triangle	1	Winters	4342	Camb	1986	GRN	0	4341	Cut	
259	1240	Butler	Butler	Sec. 5	Ringler	1	Troxel	4355	Camb	1982	GRN	1900	4354	Cut	



RICHLAND-SANDUSKY COUNTIES

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file						
											Geophysical logs		Samples				
											Type	Maximum range		Log			
											Type	Range					
369	1699	Richland (continued)	Washington	Sec. 13	Tri-State	6	Stuller	4618	Camb	1965	GRN	3650	Cut	4400	4618		
440	1826		Washington	Sec. 13	Tri-State	7	Stuller	4537	Camb	1966	GRN	100	4523	Cut	3850	4571	
400	1828		Washington	Sec. 14	Tri-State	1	Roberts	4650	Camb	1965	GRN	100	4570	Cut	4280	4650	
362	1632		Washington	Sec. 14	Tri-State	1	Sampsel	4650	Camb	1965	GR, Cal, D, I	100	4640	Cut	4460	4641	
376	1701		Washington	Sec. 14	Tri-State	2	Sampsel	4641	Camb	1965	GR, Cal, D, I	100	4640	Cut	4460	4641	
380	1702		Washington	Sec. 14	Tri-State	3	Sampsel	4630	Camb	1965	GRN, Cal, S	100	5493	Cut	4450	4630	
431	2003		Washington	Sec. 14	Tri-State	2	Scott	5503	PC	1966	GRN, Cal, S	100	5493	Cut	3920	5503	
390	1825		Washington	Sec. 15	Tri-State	1	Bauer	4560	Camb	1965	GRN, Cal, S	100	5493	Cut	3900	4560	
361	1700		Washington	Sec. 15	Tri-State	1	Boyer	4691	Camb	1965	GRN, Cal, S	100	5493	Cut	4500	4691	
398	1829		Washington	Sec. 15	Tri-State	2	Mohican	4375	Camb	1965	GRN, Cal, S	100	5493	Cut	3650	4375	
304	1325		Washington	Sec. 19	Morrow; Ashland; Richland	1	Mentzer	4131	Camb	1964	GRN	180	4551	Cut	3398	4131	
424	1824		Washington	Sec. 23	Tri-State	1	Cooperrider	4558	Camb	1966	GRN	100	4511	Cut	3850	4455	
411	1831		Washington	Sec. 23	Tri-State	2	Cooperrider	4900	Camb	1966	GRN	100	4511	Cut	3850	4455	
396	1831		Washington	Sec. 23	Tri-State	2	Hooks	4512	Camb	1965	GR, Cal, D, I	100	4511	Cut	3850	4455	
444	1831		Washington	Sec. 23	Tri-State	3	Hooks	4560	Camb	1966	GR, Cal, D, I	100	4556	Cut	3850	4455	
363	1823		Washington	Sec. 24	Tri-State	1	Burger	4511	Camb	1965	GR, Cal, D, I	100	4510	Cut	3700	4511	
409	1824		Washington	Sec. 24	Tri-State	2	Mabee	4461	Camb	1965	GR, Cal, D, I	100	4460	Cut	3700	4460	
290	280	Washington	Sec. 25	McManaway	2	Delp	4629	Sil	1964	GRN, CC, D, P, I	2621	3900	Cut	3700	4460		
408	208	Washington	Sec. 28	Moore	1	Mowry	4629	Camb	1965	GRN	0	4628	Cut	3700	4460		
311	311	Washington	Sec. 29	Mansfield	1	Edwards	4435	Camb	1964	S	13	329	SD	3700	4460		
341	341	Washington	Sec. 29	Mansfield	2	Edwards	4323	Camb	1964	GRN	2200	4293	Cut	3700	4460		
406	406	Washington	Sec. 30	Great Basins	1	Touhy	1148	Camb	1965	GR, Cal, D, I	100	1146	Cut	3700	4460		
378	378	Washington	Sec. 31	Great Basins	1	Kochheiser	729	Dev	1965	GRN, Cal, D, I	0	726	Cut	3700	4460		
379	379	Washington	Sec. 31	Great Basins	1-A	Kochheiser	4300	Camb	1965	GRN, Cal, D, I	100	4299	Cut	3700	4460		
5	1541	Ross	Buckskin		Reliance	1	Fuller	2566	Camb	1963	GRN, V	0	2565	Cut	748	2540	
9	1454		Concord		Crest	1	Clark	3863	PC	1964	GR, Cal	1450	3858	Cut	400	3862	
10	1435		Colerain		Hammerstone & Hadson	1	Shaal	3611	Camb	1964	GR, Cal, D, I	80	3605	Cut	500	3605	
11	1512		Colerain		Hammerstone & Hadson	1	Zeigler	3500	Camb	1964	GR, Cal, D, I	0	3491	Cut	0	3500	
19	1537		Colerain		Hammerstone & Hadson	1	Tar Hollow State Forest	3800	Camb	1965	GR, Cal, D, I	0	3785	Cut	0	3800	
12	1599		Sandusky	Deerfield	VMSL 599	Amerada	1	Borreson	2458	Camb	1964	GRN, Cal, D, I	0	2452	Cut	620	2458
8	1387			Green	Sec. 18	Well Supervision	1	Immeil	4179	Camb	1964	GRN, Gd	2100	4157	Cut	240	4179
16	1516			Green	Sec. 28	Hammerstone & Hadson	1	Conaway	3310	Camb	1965	GR, Cal, D, I	30	3305	Cut	30	3310
6	1282			Harrison	Sec. 9	Holl & Coffman	1	Coffman	3809	Camb	1964	GRN	0	3808	Cut	90	3809
13	1502			Harrison	Sec. 30	Hammerstone & Hadson	1	Carper	3421	Camb	1965	GR, Cal, D, I	20	3418	Cut	0	3417
4	1072			Huntington	VMSL 4642	Continental	1	Wenzel	1066	Sil	1963	GRN, Cal, D, I	0	1066	Cut	0	1066
7	1348			Jefferson	Sec. 34	Well Supervision	1	Oyer	4198	Camb	1964	GRN	2642	4189	Cut	100	4198
14	1513			Liberty	Sec. 9	Hammerstone & Hadson	1	Cryder	3505	Camb	1964	GRN, Cal, D, I	100	3503	Cut	150	3500
18	1524			Springfield	Sec. 1E	Hammerstone & Hadson	1	Scott	3480	Camb	1965	GRN, I	0	3479	Cut	0	3475
133	133			Balville	Sec. 11	Spindale	1	Miller	2222	Camb	1965	GRN	1450	2221	Cut	1190	2200
126	126			Balville	Sec. 31	C. & E.	1	Recker	2677	PC	1965	GR, Gd, V	1340	2673	Cut	0	2513
103	103			Balville	Sec. 31	Emme	1	Tolento	2115	Camb	1963	GR	0	2114	Cut	0	2513
146	146	Madison		Sec. 22	Maguire	1	Aleshire	2763	PC	1965	GRN, I	100	2762	Cut	200	2400	
140	1671	Riley		Sec. 8	Ashland	1	Trick	2400	Camb	1965	GRN, I	100	2396	Cut	200	2400	
137	1708	Scott		Sec. 12	Ashland	1	Havens	2204	Camb	1965	GRN, I	100	2203	Cut	1190	2200	
124	1476	Townsend		Sec. 3	Harris & Schulz	1	Meggitt	2513	Camb	1965	GRN, I	100	2695	Cut	0	2513	
138	1668	Townsend		Sec. 29	Ashland	1	Wobser	2695	Camb	1965	GRN, I	100	2695	Cut	1800	2690	





STARK COUNTY

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file			
											Geophysical logs	Type	Maximum range	
											Log	Range		
1431		Stark (continued)	Osnaburg	Sec. 8	MB	1	Osnaburg Bd. of Educ.	5057	SI	1967	GRN, CC, Pf	4300	5012	
1432			Osnaburg	Sec. 8	Tri-State	1	Perfection	5000	SI	1967	GRN, CC, D, Pf	4300	4993	
1433			Osnaburg	Sec. 8	Tri-State	1	Pustay	5015	SI	1967	GR, CC, Pf	4600	4968	
1434	2007		Osnaburg	Sec. 8	All States	1	Werleley	5115	Ord	1967	GRN, CC, D, Pf	3000	5109	0 5110
1435			Osnaburg	Sec. 9	Quaker State	1	Smith	5072	SI	1967	GR, D	4500	5071	
1436			Osnaburg	Sec. 9	Quaker State	2	Smith	5075	SI	1967	GR, D	4000	5080	
1437			Osnaburg	Sec. 10	Oil Investors	1	American Sportsman	5185	Ord	1967	GRN, D	3150	5180	
1438			Osnaburg	Sec. 11	Vaught	1	Klko	5245	Ord	1967	GRN	800	5244	
1439			Osnaburg	Sec. 15	Tri-State	1	Best	5197	Ord	1967	GRN, D	3200	5182	
1440			Osnaburg	Sec. 15	Tri-State	1	Powell	5100	SI	1967	GRN, CC, D, Pf	3100	5092	
1441	1996		Osnaburg	Sec. 16	Moore	1	Dick	5072	SI	1967	GRN, CC	0	5070	
1442			Osnaburg	Sec. 16	Patrick	1	George	5049	SI	1967	GRN	300	5048	
1443			Osnaburg	Sec. 17	Mansfield	1	Kaaser	5050	SI	1967	GRN, CC, Pf	3050	5029	
1444			Osnaburg	Sec. 17	Hogue	1	Garrott-Lillie	5120	SI	1967	GR, V	4300	5113	
1445			Osnaburg	Sec. 17	Professional	1	Huth	5220	Ord	1967	GRN, CC, Pf, D	3200	5205	4850 5220
1446			Osnaburg	Sec. 17	Hogue	1	Mong	5080	SI	1967	GR, V	4328	5078	
1447			Osnaburg	Sec. 17	Hogue	2	Mong	5184	SI	1967	GR, V	3100	5183	
1448			Osnaburg	Sec. 17	Hogue	1	Robinson	5120	SI	1967	GR, Cal, D, I	100	5122	
1449			Osnaburg	Sec. 17	Mansfield	2-A	Sherer	5080	SI	1967	GRN	4250	5037	
1450			Osnaburg	Sec. 17	Mansfield	1	Stark Ceramics	5130	Ord	1967	GRN, CC, Pf	4650	5090	
1451			Osnaburg	Sec. 18	Tri-State	1	Berger	4920	SI	1967	GRN, Cal, D	500	4917	
1452	2054		Osnaburg	Sec. 20	Vaught	1	Eaton & Snyder	5189	Ord	1967	V	4300	5186	
1453			Osnaburg	Sec. 20	Vaught	1	Krantz	5188	Ord	1967	GR, CC, Pf	4850	5188	
1454			Osnaburg	Sec. 20	Oil Investors	1	Shupe	5107	SI	1967	GRN, D	3150	5106	
1455			Osnaburg	Sec. 21	Texaco	1	Aukerman	5033	SI	1967	GR, Gd, V	0	5030	
1456			Osnaburg	Sec. 22	Texaco	1	Kinsey	5138	SI	1967	GRN, Cal, CC, D, Pf	0	5138	
1457			Osnaburg	Sec. 23	Patrick	1	Snyder	5132	SI	1967	GRN, D	3100	5100	
1458			Osnaburg	Sec. 28	Texaco	1	Loomis	5245	SI	1967	GRN, Cal, CC, D, Pf, V	0	5243	
1459			Osnaburg	Sec. 28	Atlas Minerals	1	Barnett	5138	SI	1967	GRN, Cal, CC, D, I, Pf	100	5137	
1460			Osnaburg	Sec. 30	Atlas Minerals	1	Fashbaugh	5125	SI	1967	GRN, Cal, CC, D, I, Pf	100	5106	
1461			Osnaburg	Sec. 30	Atlas Minerals	1	Harter	4934	SI	1967	GR, Cal, CC, D, I, L, Pf	100	4926	
1462			Osnaburg	Sec. 30	Atlas Minerals	1	Henderson	5018	SI	1967	GR, Cal, CC, D, I, L, Pf	100	5016	
1463			Osnaburg	Sec. 30	Atlas Minerals	1	Stark Ceramics	5035	SI	1967	GRN, Cal, CC, D, I, Pf	100	5034	
1464	2085		Osnaburg	Sec. 30	Zenith	2	Swarz	5135	SI	1967	GRN, V	80	5037	
1465			Osnaburg	Sec. 30	Atlas Minerals	1	Yoho	5030	SI	1967	GR, Cal, CC, D, I, L, Pf	80	5037	500 5135
1466			Osnaburg	Sec. 33	Tri-State	1	Ledbetter	5090	SI	1967	GR, CC, Pf, V	4600	5050	
1467			Osnaburg	Sec. 33	Tri-State	2	Ledbetter	5040	SI	1967	GRN, Cal, CC, D, Pf	700	5040	
1468			Paris	Sec. 6	Mansfield	1	Grimminger	5300	Ord	1967	GRN, CC	10	5287	
1469			Paris	Sec. 8	Mansfield	1	Gram	5248	SI	1967	GRN, CC	3250	5227	
1470			Sandy	Sec. 19	Stocker & Stitler	1	Cramer	5067	Ord	1967	GRN, D	600	5066	
1471			Sandy	Sec. 19	Stocker & Stitler	1	Stakafoose	5199	Ord	1967	GRN, D	3200	5119	
1472			Washington	Sec. 10	Tri-State	1	Russell & Hoffman	5361	Ord	1967	GR, CC, Pf, V	4600	5354	
1473			Washington	Sec. 10	Oil Investors	1	Schulz	5277	Ord	1967	GRN, D	700	5276	
1474			Washington	Sec. 10	Oil Investors	2	Schulz	5258	Ord	1967	GRN, CC	500	5257	
1475			Washington	Sec. 11	Oil Investors	1-A	Brugger	5404	Ord	1967	GRN, D	650	5403	
1476			Washington	Sec. 11	Oil Investors	1	Edwards	5382	Ord	1967	GRN, D	3200	5381	0 5340
1477	2029		Washington	Sec. 11	Oil Investors	2	Edwards	5374	Ord	1967	GRN, D	700	5373	
1478			Washington	Sec. 12	West. Hydrocarbons	1	Bately-Green	5326	SI	1966	GRN, D	3200	5325	

SUMMIT-UNION COUNTIES

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file																
											Geophysical logs		Samples														
											Type	Maximum range		Type													
292		Summit	Bath Green	Lot 21 Sec. 13	Belden & Blake	1	Laughlin	6091	Camb	1960	GRN, L, S	100															
403																											
409																											
407																											
417			Stow	Sec. 24	Cuyahoga Falls	1	Boettler	3003	Sil	1966	GRN, V	0	3002														
929		Tuscarawas	Auburn	Sec. 3	Cowan	1	Trover	1228	Miss	1964	GRN	0	1227														
927																											
965																											
963															Clay	Lot 7	Stocker & Sittler	1	Kiefer	4955	Ord	1966	GRN, Cal, D	100	4954		
958															Clay	Lot 13	Stocker & Sittler	3-C	Mizer	5030	Ord	1965	GRN, Cal, CC, D, Pf	100	5026		
															Clay	Sec. 20	Stocker & Sittler	2-B	Harding	1008	Miss	1966	GRN, CC	400	988		
982															Fairfield	Sec. 21	K. S. T.	1	Albaugh	5311	Sil	1967	GRN	4950	5306		
973															Goshen	Sec. 2	Mutual	1	Penrod	5220	Sil	1966	GRN, CC, Pf	4750	5192		
986															Goshen	Sec. 2	Mutual	2	Penrod	5300	Sil	1968	GRN, CC, D	4850	5266		
1036	2071														Jefferson	Sec. 19	Quaker State	1	Brokaw	4919	Ord	1967	GR, Cal, D	100	4806		
1043	1043		Jefferson	Sec. 19	Quaker State	1	Schupp	4924	Ord	1967	GR, D	3200	4923	1090													
890			Perry	Sec. 20	Kin-Ark	1	Fitzgerald	4169	Dev	1963	GRN, L	1081	4161														
1006	2013		Rush	Lot 13	R & S	1	Tschudy	1163	Miss	1967				40													
971	1951		Rush	Sec. 25	Stocker & Sittler	1	Huebner	7487	Ord	1966				60													
1030	2073		Rush	Sec. 25	Stocker & Sittler	2	Huebner	8227	Camb	1967	GRN, Cal, CC, D	100	8225	20													
1001	2004		Sandy	Lot 1 (1Q)	Thomas	2	Thomas	5020	Ord	1967				0													
1018			Sandy	Lot 3 (4Q)	Oxford	1	Brothers	5093	Sil	1967	GRN, CC, Pf	3150	5085														
964			Sandy	Lot 11 (4Q)	Midland	1-A	James	5124	Sil	1966	GRN	4300	5076														
1017			Sandy	Lot 20 (4Q)	Oxford	1	Koster & Martley	4993	Sil	1967	GRN	780	4959														
949			Sandy	Lot 20 (3Q)	Wiser	1	Sattler	4910	Sil	1965	GRN, D	4500	4913														
966			Union	Sec. 27	Atlas Minerals	1	Scala	5400	Ord	1966	GRN, Cal, CC, D, I, Pf, T	50	5389														
941			Warren	Sec. 1	K. S. T.	1	Renicker	5383	Sil	1965	GRN	4700	5379	400													
875	1075		Warren	Sec. 32	Atlas	1	Edwards	5370	Sil	1962	GRN, Cal, D, L	3450	5367														
1058			Warwick	Range 1,	East Ohio Gas	1	Hibbs	4993	Sil	1967	GR, Cal, D	100	4992														
1033			Warwick	Twp. 7 (2Q)	East Ohio Gas	1	Schwark	5048	Sil	1967	GR, Cal, CC, D, Pf	100	5047														
1032			Warwick	Sec. 1	East Ohio Gas	1	Berlandis	5175	Ord	1967	GR, Cal, CC, D, Pf	100	5173														
987			Warwick	Sec. 8	Mutual	1	Schupp	5000	Ord	1968	GRN, CC	4450	4939														
1029			Warwick	Sec. 9	Quaker State	1	Skinner	5225	Sil	1967	GR, Cal, D	950	5205														
1012	2028		Warwick	Sec. 10	Mutual	1	Carlisle	5210	Sil	1967	GRN, CC	4550	5162														
1020			Warwick	Sec. 10	Quaker State	1	Simmons	5251	Sil	1967	GR, Cal, D	100	5243	0													
976			Warwick	Sec. 13	Mutual	1	Metzger	4935	Sil	1966	GRN, CC, P, Pf	4450	4909														
978			York	Sec. 8	Mutual	1	Schwartz	5122	Sil	1966	GRN	4600	5097														
977			York	Sec. 14	East Ohio Gas	1	Cross Creek	5064	Sil	1966	GR, Cal, D	100	5066														
8	1238	Union	Allen	VMSL 2979	Lauck	1	Merkle	2794	Camb	1963	GRN	0	2792	1093													
30	1362																										
14	1323																										
28	1361		Claibourne	VMSL 7008	Hadson Ohio	1	Randall	2212	Camb	1964	GRN, Cal, D, I, M	100	2211	1200													
37			Claibourne	VMSL 7669	Pan American	1	Houck	2710	Camb	1964	GRN, Cal, D, I, M, S	20	2709	0													
			Claibourne	VMSL 7869	Noble	1	Lewis	2152	Camb	1964	GRN, Cal, D, I, M	100	2150	1925													
			Dover	VMSL 3956		1	Frey	2146	Camb	1964	GRN	1500	2155	360													
19			Dover	VMSL 5135	Herman	1	Overly	2215	Camb	1964																	
18			Liberty	VMSL 5777	Barnwell	1	Hall	3153	Camb	1964	I	415	3146														
34	1478		Millcreek	VMSL 1394	Hampton	1	Putnam	2311	Camb	1964	GRN, S	15	2294	80													
15	1363		Millcreek	VMSL 2989	Texas Coastal	1	Parrott-Habbersett	2416	Camb	1964	GRN	1560	2415	1515													
23	1369		Millcreek	VMSL 2998	Texas Coastal	1	Boule	2375	Camb	1964	GRN			1498													
22	1308		Millcreek	VMSL 3006	Krist	1	Heidorn	2600	Camb	1964	GRN	0	2334	780													
17			Millcreek	VMSL 5609	Mt. Carmel	1	Pierson	2355	Camb	1964	GRN	1150	2334														
31			Paris	VMSL 3353	Mott	1	Kiebler	2335	Camb	1964	GRN	0	2233	1570													
10	1241		Paris	VMSL 5503	Lauck	1	Brooker	2240	Camb	1963	GRN			2240													
25	1446		Taylor	VMSL 4264	Branaco	1	Beeson	3187	Camb	1964	GRN, I, S	100	3186	350													

UNION-WASHINGTON COUNTIES

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file					
											Geophysical logs		Samples			
											Type	Maximum range	Type	Log		
11	1239	Union	Union	VMSL 7770	Lauck	1	Howard Kirby & Potts	2106	Camb	1963	GRN	0	2105	Cut	800	2106
20	1959	Union (continued)	York	VMSL 3470	Miller-Pieroni	1		2136	Camb	1964	GRN	70	2130	Cut	1459	2109
26		Van Wert	Jennings	Sec. 31	Barnwell	1	Bassett	1280	Ord	1964	GRN, I	390	1279			
30		York	York	Sec. 1	Holt	1	Fisher	1222	Ord	1964	GRN	0	1221			
25		York	York	Sec. 1	Holt	1	Morris	1260	Ord	1964	GRN	1100	1259			
27		York	York	Sec. 1	Holt	2	Morris	2130	Camb	1964	GRN	0	1215			
31		York	York	Sec. 1	Holt	3	Reese	1228	Ord	1965	GRN	10	1227			
34		York	York	Sec. 11	Holt	1	Owens	1348	Ord	1965	GRN	1100	1237			
32		York	York	Sec. 12	Holt	1	Evans	1243	Ord	1965	GRN	0	1242			
36		York	York	Sec. 12	Holt	1	Jones	1329	Ord	1965	GRN	1100	1328			
302	1347	Vinton	Harrison	Sec. 6	Well Supervision	1	Brown	4072	Camb	1964	GRN, V	800	4050	Cut	134	4071
266		Jackson	Jackson	Sec. 18	Ohio Fuel Gas	1	Sowers	2327	Sil	1961	GRN, D, T	100	2326			
341		Knox	Knox	Sec. 2	Heinz	1	Bowen	1082	Miss	1967	GRN, CC, PI	700	1067			
329		Knox	Knox	Sec. 2	Klissing	1	Staneart	1328	Miss	1966	GR, CC, PI	800	1304			
337		Knox	Knox	Sec. 2	Heinz	1-A	Staneart	1282	Miss	1967	GRN, CC, PI	900	1278			
288		Swan	Swan	Sec. 36	Mills	1-A	Crow	867	Miss	1962	GRN, CC, PI	400	863	Cut	90	3225
331	2015	Vinton	Vinton	Sec. 35	Baird	1	State of Ohio	3225	Sil	1967						
10	1984	Warren	Clear Creek	Sec. 20	Carter	1	Rainey-Whitaker	3444	Camb	1966	GRN	800	3443	Cut	300	3442
2589		Washington	Adams	Lot 9, Allot.	Merchants	1	Pottmeyer	2015	Miss	1962	GRN, T	1700	2012			
2658		Adams	Adams	NW of Rainbow Mills	Merchants	1	Strahler	2022	Miss	1962	GRN, CC	1150	1982			
2734		Adams	Adams	NW of Rainbow Mills	Merchants	1	Sexton	1920	Miss	1964	GR	25	1906			
2758		Adams	Adams	Lot 23, Rainbow Allot.	Flamingo	1	Huck	1916	Miss	1963	GR	0	1904			
2758		Adams	Adams	Lot 25, Rainbow Allot.	Flamingo	1	Ohio Slave	1871	Miss	1963	GRN	1600	1845			
2731		Adams	Adams	Lot 27, Bear Creek Allot.	RatHff	1										
3133	2081	Adams	Adams	Lot 42, Cats Creek Allot.	Lynch	1	Perry	1640	Miss	1967				Cut	6	1640
2982		Adams	Adams	Lot 47, Cats Creek Allot.	Lynch	1	Anderson	1781	Miss	1966	GRN, T	1350	1781			
2925		Adams	Adams	Lot 64, Bear Creek Allot.	Lynch & Pugh	3	Wagner	1776	Miss	1965	GRN, Cal, D, T	1100	1769			
2952		Adams	Adams	Lot 64, Bear Creek Allot.	Lynch	4	Wagner	1778	Miss	1965	GRN, T	1040	1778			
3027		Barlow	Barlow	Sec. 1	Ohio East	1	Callhan	2109	Miss	1966	GRN	400	2098			
3076		Barlow	Barlow	Sec. 2	Ohio Valley	1	Hopkins	2398	Dev	1966	GRN, D	1892	2387			
2815		Barlow	Barlow	Sec. 6	Teichman-Ferguson	1	Knotts	1987	Miss	1963	GRN, CC, PI	0	1984			
2780		Barlow	Barlow	Sec. 6	Teichman-Ferguson	1-A	McCoy	1915	Miss	1963	GRN, CC, PI	1700	1906			
2756	1147	Barlow	Barlow	Sec. 24	Spiva	1	McIntire	1176	Miss	1963	GRN, CC, PI					
3085		Beipre	Beipre	Sec. 27E	Cutlip	1	Cassady	2149	Miss	1967	GR, Cal, D	100	2139	Cut	455	1176
3058		Beipre	Beipre	Sec. 27E	Cutlip	2	Mulligan	1936	Miss	1966	GRN, D	1512	1925			
3702		Beipre	Beipre	Sec. 27E	Cutlip	3	Mulligan	2296	Dev	1966	GRN	1880	2264			
3000		Beipre	Beipre	Sec. 27E	Nickal	1	Mulligan	1955	Miss	1966	GRN, D	792	1919			
3011		Beipre	Beipre	Sec. 27E	Nickal	2	Mulligan	1937	Miss	1966	GRN, D	1342	1905			
3039		Dunham	Dunham	Sec. 5	Ohio East	1	Grimm	2948	Dev	1966	GRN, Cal, D	1492	2937			
3062		Dunham	Dunham	Sec. 11	Ohio Valley	1	Dalton	1871	Miss	1966	GRN, D	1462	1869			
385		Dunham	Dunham	Sec. 11	Ohio Valley	1	Needham	1932	Miss	1966	GRN, D	1442	1921			
2821	1207	Dunham	Dunham	Sec. 16	Gates	1	Ross	1804	Miss	1963						
3034		Dunham	Dunham	Sec. 28E	Cutlip	1	Mulligan	1932	Miss	1966	GRN, D	1492	1917	Cut	125	1804
2985		Dunham	Dunham	Sec. 28E	Nickal	1	Campbell	1925	Miss	1965	GRN, D	592	1898			



## WASHINGTON COUNTY

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file			
											Geophysical logs		Samples	
											Type	Maximum range		Type
3001		Washington (continued)	Dunham	Sec. 28E	Nickal	1	Weaver	2153	Miss	1966	GRN, D	1593	2126	
3036			Dunham	Sec. 28E	Wood	2	Wood	1914	Miss	1966	GRN	1440	1895	
3030			Dunham	Sec. 29E	Ohio East	1	Hively	2093	Miss	1966	GRN, D	1892	2098	
3005			Dunham	Sec. 30E	Rudder	1	Pinkerton	1910	Miss	1966	GRN, CC	1600	1894	
3053			Dunham	Sec. 34E	Ohio East	1	Neal	2283	Miss	1966	GRN, D	492	2290	
3020			Dunham	Sec. 35E	Ohio East	1	Toothman	2002	Miss	1966	GRN	400	2001	
3040			Dunham	Sec. 36	Ohio East	1-A	Constitution	1963	Miss	1968	GRN, D	450	1962	
3012			Dunham	Sec. 36	Ohio East	1	Hinton	2072	Miss	1968	GRN	1800	2071	
3018			Dunham	Sec. 36	Ohio East	1	Rogers	2073	Miss	1966	GRN, Cal, D, I	400	2064	
2939	1158		Fearing	Lot 83	Biehl	1	Adams	1615	Miss	1963				880 1615
3106	2041		Independence	Sec. 9	Tennessee Prod.	8	McLaughlin	1835	Miss	1967	GRN	0	1835	
2835			Independence	Sec. 14	Arnold	1	Reynolds	1939	Miss		GRN	0	1939	
3100			Independence	Sec. 15	Tennessee Prod.	2	Thomas	1752	Miss		GRN	50	1752	
3033	1932		Independence	Sec. 15	Tennessee Prod.	3	Thomas	1639	Miss		GRN	0	1634	
2972			Independence	Sec. 15	Tennessee Prod.	9	Thomas	1754	Miss		GRN	60	1749	
2835			Independence	Sec. 36	Hall	1	Cullen	2675	Dev	1963				555 2202
3100			Lawrence	Sec. 28	Amerada	1	Harman	5067	Dev	1967	GRN	10	5068	
3118			Liberty	Sec. 4	Gruss	1	Burkhardt	3655	Dev	1967	GRN, Cal, D, I, L	1800	3637	
3033	1932		Ludlow	Sec. 1	Big Five	13	U. S. A.	2143	Miss	1966				542 1862
2972			Ludlow	Sec. 27	Oxford	1	Day	1768	Miss	1966	GRN, D, I, L	1500	1766	
369	1190		Marietta	Sec. 17	East Ohio Gas	1	Hall	5089	Dev	1944	GR	6	1650	
2636			Muskingum	Lot 2,	Western	1	Diest	1660	Miss	1962				0 5075
2642	1134		Muskingum	Rainbow Allot.		1	Burkey	1789	Miss	1962	GRN, Cal, D, I	200	1772	
2678			Muskingum	Wheeler's Bottom		1	Wilson	1648	Miss	1962	GR	50	1639	
2707			Muskingum	Lot 5,	Tower	1	Miller	1751	Miss	1962	GRN, CC	1500	1749	
2845			Muskingum	Lot 11,	Stevens	1	Chambers	1751	Miss	1963	GRN, CC	1500	1735	
2778			Muskingum	Lot 11,	Hastings	1	Miller	1750	Miss	1963	GRN, CC	1600	1734	
2645			Muskingum	Bear Creek Allot.		3	Decker	450	Pa	1962	GR	250	450	
2724			Muskingum	Lot 14,	Tower	1	Rush	1956	Miss	1962	GRN, CC	0	1946	
2097			Muskingum	Lot 19,	Penn	1	McGhee	1952	Miss	1963	GRN, CC	0	1748	
2824	1145		Newport	Sec. 21E	Riggs & Schneider	3	Riggs	1425	Miss	1963	GR, CT	800	1262	
2487	1553		Newport	Sec. 28E	Forbes	F-1	Manor	1304	Miss	1961				55 1410
2887	1848		Palmer	Sec. 31	Kentucky Dig.	K-1	Link	1946	Miss	1964				12 1924
2980	1848		Palmer	Sec. 1	Well Supervision	1-A	Ball	645	Pa	1965	GRN	0	643	
2973	1684		Palmer	Sec. 8	Well Supervision	1	Pugh	600	Pa	1965	GRN	0	600	
3097	2039		Salem	Lot 44,	Tigercraft	1	Hughes	3500	Dev	1967	GRN, Cal, T	10	3498	
2849	1618		Salem	Duck Creek Allot.		1-A	Bell & Weppeler	1685	Miss	1964				358 3500
2760	1115		Salem	U. S. reverted lands		1	Hass	1884	Miss	1963	GRN, CC, Pt	0	1860	
2822			Salem	Bear Creek Allot.		1	Lent	710	Pa	1963				70 1685
2761	1137		Warren	Duck Creek Allot.		1	Constitution	4765	Dev	1963	GRN, Cal, CC, D, I, T	4175	4431	
3017			Warren	Lot 271	Ohio East	5	Constitution	2152	Miss	1966	GRN, D	492	2141	
2766	1106		Warren	Lot 355	Braden	1	American Marietta	2076	Miss	1963				95 1884

WASHINGTON-WAYNE COUNTIES

Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file		
											Geophysical logs	Maximum range	Samples
											Type	Log	Range
2763		Washington (continued)	Warren	Sec. 14	Union Carbide	1	Union Carbide	4505	Dev	1963	GR, CC, Pf		
2934			Warren	Sec. 14	Union Carbide	2	Union Carbide	2987	Dev	1967	GR, Cal, CC, D, I, P, Pf	1700	2000
2892			Warren	Sec. 16	Union Carbide	2	Eddy	2143	Miss	1964	GRN, Cal, D, I	0	2996
2880			Warren	Sec. 16	Union Carbide	1	Lee	1545	Miss	1964	GRN, Cal, D, I	100	1258
2902		Warren	Sec. 16	Union Carbide	3	Lee	2140	Miss	1964	GRN, Cal, D, I, L	1680	2122	
2870		Warren	Sec. 16	Union Carbide	1	Wynn	2136	Miss	1964	GRN, Cal, D, I	0	2135	
2899		Warren	Sec. 17	Union Carbide	1	Pottmeyer	2143	Miss	1965	GRN, Cal, D, I	100	2143	
3013		Warren	Sec. 19	Ohio East	1	Charles & Weaver	2155	Miss	1966	GRN, CC, Pf	400	2154	
3042		Warren	Sec. 19	Ohio East	1	Gittelman	2183	Miss	1966	GRN	392	2175	
3043		Warren	Sec. 19	Ohio East	2	Goodwin	2070	Miss	1966	GRN	600	2061	
2858		Warren	Sec. 22	Union Carbide	1	Wolford	2075	Miss	1965	GRN, Cal, CB, CC, D, I	0	2015	
3003		Warren	Sec. 25	Ohio East	1	Fordham	2113	Miss	1966	GRN, CC, Pf	400	2112	
3016		Warren	Sec. 25	Ohio East	1	Wagner	1931	Miss	1966	GRN, CC, Pf	392	1920	
2950		Warren	Sec. 30	Starr	1	McClure	2108	Miss	1965	GRN, CC, Pf	1892	2070	
3037		Warren	Sec. 31	Ohio East	1	Musgrave	1948	Miss	1966	GRN, CC, D	600	1947	
2706		Waterford	Waterford	Lot 13	Penn	1	Lang	1968	Miss	1962	GR	0	1950
2668			Waterford	Waterford	Lot 59, Rainbow Creek Allot.	Tower	1	Smith & Kearns	1917	Miss	1962	GR	0
2723		Waterford	Waterford	Lot 70, Rainbow Creek Allot.	Penn	1	Miller	1935	Miss	1963	GRN, CC	0	1915
2649	1107	Watertown	Watertown	Lot 19, Ash-Knudson South Branch Allot.	Ash-Knudson	1	Milner	1882	Miss	1963			
2811		Watertown	Watertown	Lot 20, Knudson-Emerson South Branch Allot.	Knudson-Emerson	2	Ford	1800	Miss	1963	GRN, CC	50	1799
2745	1116	Watertown	Watertown	Lot 21, South Branch Allot.	Ash-Knudson	2	Miller	1755	Miss	1963			
2767		Watertown	Watertown	Lot 23, Rainbow Creek Allot.	Teichman	1	Farley	1810	Miss	1963	GRN, CC, Pf	1000	1796
1352	1193	Wayne	Baughman	Sec. 4	East Ohio	1	Stoll	3872	Sil	1963			
1377			Canaan	Sec. 25	Kin-Ark	2	Zook	3399	Sil	1963	GRN, Cal, D, L	0	3396
456			Canaan	Sec. 35	Obermiller	1	Schaff	3433	Ord	1955	GRN, CC	100	3423
1512			Canaan	Sec. 36	Wenner	1	Gasser	3451	Ord	1967	GRN	2000	3449
1434		Chester	Sec. 15	Sun	1	Martin	5750	Camb	1965	GRN	450	5745	
1316	1131	Green	Green	Sec. 4	Ohio Fuel Gas	1	Indermuhle	5861	Camb	1962	GRN, Cal, D, L, S	100	5858
1335	1078		Green	Sec. 5	Atlas	1	Kaufman	5796	Camb	1962	GRN, Cal, D, I	4700	5795
1324			Green	Sec. 6	Wehmyer	1	Ebersole	5792	Camb	1962	GRN, Cal, D, L	0	5789
1363	1123		Green	Sec. 6	Graber	1	Morrison	3460	Sil	1963	GRN, CC, T	3000	3459
1398		Green	Sec. 8	Grower	1	Schrock	5829	Camb	1964	GR	100	5832	
1466	2148	Milton	Green	Sec. 19	Great Lakes	1	Ramseyer	6160	Camb	1966	GRN, CC, Pf	0	6159
1491			Milton	Sec. 4	Obermiller	1	Eschler	3415	Sil	1966	GRN, D	3000	3414
464			Milton	Sec. 20	Obermiller	1	Pasho	3396	Sil	1966	GRN, D	1900	3395
1510			Milton	Sec. 5	Obermiller	1	Richard	3313	Sil	1966	GRN, D	1850	3307
1522		Milton	Sec. 16	Wenner	1	Saal	3397	Sil	1967	GRN, D	1900	3374	
1529		Milton	Sec. 16	Wenner	2	Seal	3378	Sil	1967	GRN	2400	3360	
424		Milton	Sec. 20	Stewart	1	Matbach	3392	Sil	1965	GRN, Pf	100	3389	
464		Milton	Sec. 20	Stewart	5	Matbach	3413	Sil	1966	GRN	100	3391	
1526		Milton	Sec. 22	Wenner	1	Hess	3460	Sil	1967	GRN, D, T	1950	3459	
1521		Milton	Sec. 22	Wenner	1	Hilty	3443	Sil	1967	GRN, CC, D, Pf	2950	3434	
1379		Milton	Milton	Sec. 30	Kin-Ark	1	Gasser	3365	Sil	1963	GRN, Cal, D, L	0	3362
1369			Milton	Sec. 31	S. & A.	1	Gasser	3440	Sil	1963	GRN, CC, Pf	2750	3433
461			Milton	Sec. 32	Shields	1	Hartzler	3514	Sil	1966	GRN	50	3513
1504			Milton	Sec. 32	Mutual	1	Shane	3505	Sil	1966	GRN, CC, D, Pf	3200	3482
1478		Milton	Sec. 32	Mutual	1	Zook	3526	Sil	1966	GRN, CC, Pf	3200	3505	





Permit no.	Sample no.	County	Township	Land division	Operator	Well no.	Lease name	Total depth	System reached	Date compl.	Information on file				
											Geophysical logs		Samples		
											Type	Maximum range	Type	Log	Range
		WEST VIRGINIA (continued)													
	W. Va-34	Upsher	Meade		Knudson & Emerson	1	Lake	2784		1965	GRN		Cut	0	4150
1205	W. Va-32	Wirt	Reedy		Hudson Ohio	1	Bliss	2710					Cut	30	2780
1167	W. Va-31	Wirt	Reedy		Hudson Ohio	1	Young	1826					Cut	60	2710
	W. Va-30	Wirt	Spring Creek		Hudson Ohio	1	Campbell	1826		1962	GRN, T		Cut	62	1826
	W. Va-30	Wood	Parkersburg		Vitro	2	Vitro	1963							
		CANADA													
581	Can-7	Haldimand			El Paso	01-2	Prov. of Ontario	1175	Ord	1960			Cut	252	1175
1235	Can-8	Haldimand			El Paso	03-38	Prov. of Ontario	1027	Sil	1962			Core	959	980
1205	Can-9	Haldimand			El Paso	08-20	Prov. of Ontario	1132	Sil	1962			Core	1001	1129
1167	Can-10	Haldimand			El Paso	82-14	Prov. of Ontario	1161	Ord	1961			Cut	900	1180
1215	Can-11	Haldimand			El Paso	82-28	Prov. of Ontario	1087	Sil	1962			Core	1004	1052
1166	Can-12	Haldimand	Offshore		El Paso	84-13	Prov. of Ontario	1141	Sil	1961			Cut	955	1130
582	Can-13	Haldimand	wells in		El Paso	89-3	Prov. of Ontario	1037	Ord	1960			Cut	120	1037
1162	Can-14	Haldimand	Lake Erie		El Paso	89-10	Prov. of Ontario	1034	Ord	1961			Cut	840	1034
1163	Can-15	Haldimand			El Paso	89-11	Prov. of Ontario	1054	Ord	1961			Cut	800	1035
1164	Can-16	Haldimand			El Paso	89-12	Prov. of Ontario	1085	Sil	1961			Cut	800	1055
1174	Can-17	Haldimand			El Paso	89-15	Prov. of Ontario	1057	Ord	1964			Cut	890	1056
1178	Can-18	Haldimand			El Paso	89-16	Prov. of Ontario	1076	Sil	1961			Cut	900	1055
580	Can-19	Welland			El Paso	06-1	Prov. of Ontario	1126	Sil	1960			Cut	90	1125