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in Nebraska**
Including
**Rock Type and
Surface Configuration**

by
Marvin P. Carlson



**NEBRASKA GEOLOGICAL
SURVEY BULLETIN 25**

**The UNIVERSITY OF NEBRASKA
CONSERVATION and SURVEY DIVISION**

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**PUBLISHED BY THE UNIVERSITY OF NEBRASKA
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Reports of the Division are published by its departments: Geological Survey, Water Survey, Soil Survey, Resource and Industry Survey, and Conservation Survey. The Information Bureau is a service agency designed to facilitate the immediate practical application of the factual information developed by the research of the departments of the Division. This is accomplished through correspondence, local field examination in problem areas, office and public meeting conferences and hearings, and distribution of departmental publications.

Precambrian Well Data in Nebraska *Including* Rock Type and Surface Configuration

By

Marvin P. Carlson

This bulletin presents, in tabular form, information relating to the Precambrian surface and includes a configuration map of this surface in Nebraska. The data from all of the 1460 deep tests reaching the Precambrian as of January 1, 1966 are listed. It is anticipated that further studies utilizing this data will be made due to the important influence of the Precambrian surface on later sedimentation and structure and the possibility of minerals of economic importance being present in Precambrian rocks.

Specific information for each well and samples, except as noted in the tabulation, are on file and available for study in the offices of the Nebraska Geological Survey. Separate copies of the included configuration map and blue-line copies of this map at a scale of 1:500,000 are available. Blue-line copies of the detailed configuration of the Precambrian surface for an eleven county area in southwestern Nebraska and a thirteen county area in southeastern Nebraska are available at a scale of 1:250,000.

EXPLANATION

The data are tabulated for each well by counties in alphabetical order and by legal description within each county. The location by legal description is followed by the operator, lease name, and date completed. The elevation of the well datum is that of the kelly bushing unless noted as G.L. (ground level) or D.F. (drill floor).

The total depth figure for each well is followed by depth to Precambrian surface. The depth at which weathered basement rock, if present, was encountered is listed in parentheses. This weathered zone, often termed "granite wash" is interpreted in this report as untransported material of Precambrian age. The sedimentary unit overlying the Precambrian is designated by the following abbreviations:

Camb: Cambrian

Ord: Ordovician

Miss: Mississippian

Cher: Cherokee group or older Pennsylvanian

Marm: Marmaton group, Pennsylvanian

LKC: Lansing-Kansas City groups, Pennsylvanian

Cret: Cretaceous

The datum for the Precambrian surface is listed as utilized on the included map.

The final column contains the rock type (s) for the Precambrian penetrated in each well. The majority of these are petrographic determinations made by E. G. Lidiak for the Basement Rocks Project, W. R. Muehlberger, Director, which was supported by the Advanced Research Projects Agency. Those descriptions preceded by an asterisk were determined by a microscopic inspection of the cuttings with fragments selected for future petrographic study and specific mineral identification. Those wells with no Precambrian samples available are noted as such. The wells in Red Willow County with no rock type notation are within areas of closely spaced Precambrian tests and were not studied.

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
ADAMS C SE SW 35-5N-9W	No.1 Bauder Ohio Oil Co.	4/5/42	1848	4125	4118	Camb.	-2270	Gneissic granodiorite
C NE NE SE 6-7N-12W	No.1 Claassen Texas Crude & Farmer	6/18/61	2047	4189	4180	Camb.	-2133	Biotite adamellite
ANTELOPE NW NE SW 31-25N-6E	No.2 Taylor Cave & Baxter	12/15/43	1816	2625	2606	Camb.	- 790	Biotite gneiss
ARTHUR C SW SW 13-17N-37W	No.1 Packard D. G. Hamilton	9/18/62	3609	5033	(4946) 5022	Cher.	-1337	*Mica schist
C NW SW 35-17N-40W	No.1 Wilson U.S. Smelt. & Ref.	6/10/60	3681	5076	5038	Cher.	-1357	Gneissic biotite adamellite
C SE NE 33-20N-36W	No.1 Mildale Volentine & Sharp	2/23/62	3548	4788	(4668) 4770	Cher.	-1120	Gneissic biotite granite
C NW NW 36-20N-39W	No.1 State D. G. Hamilton	11/29/62	3731	5036	5034	Cher.	-1303	Quartzite
C NE NE 35-20N-40W	No.1 Meyers Land Co. Davidor & Davidor	11/24/63	3723	5023	(4997) 5016	Cher.	-1274	Quartzite
BANNER C NW NE 21-18N-55W	No.3 Lovercheck Stanolind Oil & Gas	3/19/52	4920	8864	8836	Cher.	-3916	Chlorite granite
C NW NW 15-19N-53W	No.1 "B" Brown Shell Oil Co.	12/10/56	4165	7457	7445	Cher.	-3280	Biotite granite
BLAINE C SE SE SE 29-21N-23W	No.1 Casteel Nebr. State Oil Co.	3/22/58	2685	3587	3572	Cher.	- 887	Cataclastic granite

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
BLAINE--Continued C NE NE No.1 Spencer 22-24N-21W Kingwood Oil Co.	6/4/51	2516	3368	(3254) 3332	Marm.	- 738	Chlorite-biotite granite
NW NW SE No.1 Schneiderett 23-24N-23W Kingwood Oil Co.	12/28/50	2606	3558	(3430) 3494	Marm.	- 824	Gneissic adamellite
BOONE NE NE NE No.7 Strat. 23-22N-7W Carter Oil Co.	11/21/41	1902	2976	(2958) 2970	Camb.	-1056	Muscovite biotite schist
BOX BUTTE C NE NE No.1 Hucke 19-27N-49W Quintin Little	12/14/61	4135 (GL)	5471	5434	Cher.	-1299	Biotite hornblende gneiss
SE SE SE No.1 Wildy 1-28N-48W Shell Oil Co.	9/9/52	3965 (DF)	4418	(4358) 4390	Marm.	- 393	Cataclastic quartz diorite
2 BUFFALO C SW NW SW No.11 Strat. 9-8N-18W Carter Oil Co.	4/29/42	2253 (DF)	3856	(3828) 3848	Camb.	-1575	Gneissic quartz diorite
C NW NE No.1 Gotobed 11-9N-15W Miami Petr. Co.	11/14/60	2119	4260	(4194) 4252	Camb.	-2076	Biotite hornblende schist
C SE SW No.1 Stephens 7-9N-18W Aztec Oil & Gas Co.	12/13/62	2334	3750	(3722) 3735	Camb.	-1388	Biotite gneiss
C SE SE No.1 Broe 15-9N-18W J. O. Farmer, Inc.	11/25/61	2320	4161	4143	Camb.	-1823	Cataclastic biotite adamellite
C SW SE SW No.1 Pettett 20-9N-18W Ohio Oil Co.	2/12/53	2287	3898	(3874) 3892	Camb.	-1587	Biotite hornblende gneiss
C SW SW No.1 Hervert 3-10N-14W Miami Petr. Co.	11/24/60	2230	4234	(4142) 4212	Camb.	-1912	Sericite schist

Location County, Sec. & Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
BUFFALO--Continued								
C SE SW 17-10N-15W	No.1 Dietsch Sun Oil Co.	7/23/64	2238	4355	(4293) 4302	Camb.	-2055	*Biotite schist
C SE SE 17-10N-18W	No.1 Hild Frawley Drlg. Co.	5/24/62	2487	4012	(3970) 4005	Camb.	-1483	*Quartz diorite
C SE SE 31-10N-18W	No.16 Stephens Pubco Pet. Corp.	10/14/62	2408	3812	(3780) 3804	Camb.	-1372	Granofels
C NE NE 8-11N-13W	No.1 Urwiller Jones, Shelb., Farm.	7/3/55	2107	3770	(3740) 3760	Camb.	-1633	Biotite adamellite
C NW SE 30-11N-17W	No.1 Abels Frawley Drlg. Co.	6/1/62	2361	4097	4080	Camb.	-1719	*Granodiorite
C SW NE 9-11N-18W	No.1 "A" Conser Miami Pet. Co.	10/28/60	2303	4040	(4010) 4020	Camb.	-1707	Hornblende schist
C NW SE SE 21-11N-18W	No.1 Taylor Ohio Oil Co.	3/21/53	2407	4043	(4018) 4030	Camb.	-1611	Chlorite-biotite gneiss & schist over altered granodiorite
SW SE 11-12N-13W	No.1 Stoeger Phillip C. Dixon	1/21/63	1949	3722	(3682) 3694	Camb.	-1733	Quartz diorite
C SW NE 18-12N-17W	No.1 "B" Hahn Miami Pet. Co.	11/5/60	2209	3800	(3770) 3776	Camb.	-1561	Chlorite granodiorite & hornblende gneiss
BURT								
C NW NW NW 13-21N-9E	No.1 Ericksen L. D. Burt	9/5/52	1267	2217	2216	Camb.	- 949	Leucoadamellite
BUTLER								
SE SE NW 29-16N-2E	No.1 Nichols Bellwood Syndicate	10/1/44	1453 (DF)	2489	2479	Camb.	-1026	Biotite granite (?)

Location County, Sec. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
CASS								
C WL NW NW 28-10N-12E	No.11 Strat. Northern Nat. Gas	10/17/52	1216	1497	1480	Ord.	- 264	Argillite
C NW NE SE 26-11N-12E	No.1 Schroeder Amerada Pet. Corp.	10/15/24	1145	1828	1567	Ord.	- 439	Arkosic quartzite & conglomerate
C NE NW NW 5-11N-13E	No.1 Ruffner Cass Oil Research	11/23/51	1185	1570	1565	Ord.	- 380	Quartz-collophane (?) sedimentary rock
SE SE SE 8-11N-13E	No.1 Sporer Goldenrod Oil Co.	1/30/41	1140 (DF)	1356	1345	Ord.	- 205	Altered syenite
CHASE								
C NE NE NE 17-5N-36W	No.1 Dudek Nebr. Drlrs.	5/20/55	3271	5187	(5134) 5165	Camb.	-1863	Hornblende schist
4 C NW NW NW 27-5N-38W	No.1 Bailey Stanolind Oil & Gas	11/2/43	3392	5423	(5360) 5400	Camb.	-1968	Gneissic quartz diorite
NE NE 6-5N-40W	No.1 Blocker Mobil Oil Co.	9/20/63	3457	5451	(5416) 5443	Camb.	-1959	Foliated biotite granite
C SW NE 12-5N-41W	No.1 Hogsett Mobil Oil Co.	9/15/65	3480	5433	5418	Camb.	-1938	*Schist
C NW NW SE 21-6N-36W	No.1 Kanost Jones, Shelb., Farm.	1/12/56	3267	5037	5038	Camb.	-1771	Biotite granite
C NW SW 9-6N-37W	No.1 Smith Carter Oil Co.	12/2/59	3278	5176	5162	Camb.	-1884	Biotite quartz diorite
C SE SE 12-6N-37W	No.1 Fanning Brinkerhoff Drlg.	8/9/61	3303	5129	5120	Camb.	-1817	No sample
C SW SE 10-6N-40W	No.1 Maynard Stoeppelworth Drlg.	8/13/65	3375	5419	5385	Camb.	-2010	*Gneissic quartz diorite

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CHASE--Continued							
C NE NE 26-7N-36W	No.1 Fanning Prize-Kee Pet. Co.	3/17/58	3055	4823	4810	Camb.	-1755 Biotite granodiorite
C NW SE 15-7N-37W	No.1 Maddux F. Wallace Gage	9/6/62	3221	5150	(5097) 5140	Camb.	-1876 Schist and quartzite
C SW SW 5-7N-39W	No.1 Bremer Ohio Oil Co.	9/5/55	3396	5384	5364	Camb.	-1968 Biotite gneiss
C NW SE 10-7N-41W	No.1 Colson J. M. Huber Corp.	9/20/57	3507	5550	(5542) 5554	Cher.	-2035 Gneissic biotite adamellite
C SW SW 15-8N-36W	No.1 O'Niel Aladdin Pet. Corp.	11/4/62	3297	5015	(4986) 5008	Camb.	-1689 Gneissic quartz diorite
5 C SW SW 35-8N-36W	No.1 O'Niel Donnel Drig.	4/2/61	3185	4923	4923	Camb.	-1738 No sample
NW NE 10-8N-37W	No.1 Lee Arvel C. Smith	11/28/64	3250	5072	(5016) 5045	Cher.	-1766 *Granite
C NW NW NW 24-8N-37W	No.1 Robertson Jones, Shelb., Farm.	2/25/56	3247	5007	(4982) 5000	Cher.	-1735 Biotite granodiorite
C SE SW 21-8N-38W	No.1 Eberhardt W. F. Newton	4/2/61	3287	5191	(5170) 5180	Camb.	-1883 Foliated biotite adamellite
C NW NW NE 24-8N-38W	No.1 Baldwin Northern Nat. Gas.	10/8/53	3325 (GL)	5185	(5126) 5160	Camb.	-1801 Foliated adamellite
C NW NW SW 15-8N-39W	No.1 Kilpatrick Skelly Oil Co.	9/3/50	3375	5317	5286	Cher.	-1911 Biotite adamellite
CHERRY							
C NW NW NE 18-25N-29W	No.1 Lanson-Wiggins Ohio Oil Co.	5/13/53	3070	4206	4187	Marm.	-1117 Quartzite over granofels

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
CHERRY--Continued								
C N/2 NW NW 23-25N-35W	No.1 Monahan Sinclair-Prairie Oil	10/28/42	3474	4256	(4232) 4250	Marm.	- 758	Graphic granite
C SW NE 34-26N-32W	No.1 Starr Belco Pet. Corp.	12/10/61	3294	4337	4332	L-KC	-1038	Granofels
C SE NW SW 28-28N-28W	No.1 Roseberry R. C. Gangwer	1/9/52	2942	3851	3851	L-KC	- 909	No sample
C SE SE SE 28-28N-30W	No.1 Hanna Ashland Oil & Ref.	7/28/52	3013	4252	(4185) 4220	Marm.	-1172	Biotite granite
C SE SE SW 12-29N-37W	No.1 Saultz Motex Oil Co.	7/28/58	3487	4485	4400	L-KC	- 913	Gneissic hornblende biotite granite & metadiabase
9 C SW SW NW 11-29N-40W	No.1 Hull Champlin Ref. Co.	11/7/51	3823	4551	4535	Marm.	- 712	Gneissic biotite-horn- blende granite
SE SE 25-30N-33W	No.1 Bachelor Ranch Culham Pet. Co.	8/2/51	3131	4387	(4333) 4374	L-KC	-1202	Quartz-feldspar gneiss
C SW NW SE 13-30N-39W	No.1 Vinton Champlin Ref. Co.	2/4/52	3537	4414	4411	L-KC	- 874	Muscovite biotite schist
C NE NE SW 1-31N-36W	No.1 Churn Herndon Drlg. Co.	6/14/55	3359	4574	4535	L-KC	-1176	Granofels
C SE SE NW 23-31N-38W	No.1 Leach Brit.-Am. Oil Prod.	8/16/52	3506	4605	(4562) 4595	L-KC	-1056	Hornblende gneiss
C NW SE 30-32N-39W	No.1 Shald Herndon Drlg. Co.	7/19/55	3429	4260	4255	L-KC	- 826	*Biotite granite
C NE NW SW 5-33N-27W	No.1 Borman Sandhills Drlg. Co.	4/23/53	2564	3230	3188	L-KC	- 624	Biotite-muscovite over hornblende gneiss

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
CHERRY--Continued							
C SW NW 12-33N-37W	No.1 Cole Brit.Am. Oil Prod.	11/20/55	3225	4662	4639	L-KC	-1414 Leucogranite
C S/2 SE NE 19-33N-40W	No.1 Krell Perl Smith	4/9/52	3649	4357	(4273) 4340	L-KC	- 624 Granofels
CHEYENNE							
C NW NW SW 2-14N-48W	No.1 Fender Ohio Oil Co.	10/5/50	4153	6814	6792	Cher.	-2639 Biotite granite
C NW SW NW 7-14N-49W	No.3 Pahl Ohio Oil Co.	8/16/52	4307	7207	7194	Cher.	-2887 Metarhyolite
C NE NE NE 11-15N-49W	No.1 Egging Ohio Oil Co.	6/25/49	4219	6937	6926	Cher.	-2707 *Metadacite
7 NE NW 36-16N-53W	No.21 Travis-State Superior Oil	7/17/61	4607	8152	8130	Cher.	-3523 No sample
CLAY							
SE NW 28-5N-7W	No.1 Skalka Wesley Hancock	5/24/60	1764	3966	3965	Camb.	-2201 Gneissic biotite quartz diorite
COLFAX							
C NW NW 7-17N-3E	No.1 Lauvetz Superior Oil Co.	2/15/61	1411	2589	(2546) 2569	Camb.	-1135 Hornblende schist
CUSTER							
C NW NE 21-13N-19W	No.1 Wood Gower Oil Co.	5/23/62	2325	3432	(3408) 3420	Cher.	-1083 Quartzite
C NE SW 13-13N-20W	No.1 Wiebe Sinclair-Prairie	9/15/42	2377	3426	3424	Cher.	-1047 Quartzite
C SW SW 21-13N-20W	No.1 Horn Arrowhead & Murfin	11/10/61	2457	3427	3358	Marm.	- 901 Quartzite

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
CUSTER--Continued							
C SW SW 28-13N-23W	No.1 Mundell Placid Oil	3/22/62	2755	3652	(3618) 3640	Marm. - 863	Leucoadamellite
NE SE 18-13N-24W	No.1 "B" Koster Miami Oil	8/30/62	2804	3755	(3700) 3748	Marm. - 896	Chlorite-biotite schist
C NE NE 9-14N-17W	No.1 Young D. G. Hamilton	9/27/62	2315	3554	3548	Cher. -1233	No sample
C NE SE 29-14N-22W	No.1 Hendricks D. G. Hamilton	8/25/62	2748	3766	(3713) 3740	Marm. - 965	Altered granite (?)
C SW NW 4-14N-23W	No.1 Schuster D. G. Hamilton	10/13/62	2734	3793	3770	Marm. -1036	No sample
C NW SW 12-14N-25W	No.1 Ostergard D. G. Hamilton	11/11/62	3011	3958	3954	Marm. - 943	Gneissic biotite adamellite
C SE NW 27-15N-19W	No.1 Wilson D. G. Hamilton	10/5/62	2540	3795	3790	Camb. -1250	No sample
C SW SW 30-15N-20W	No.2 Gibbons Volentine & Murfin	10/11/61	2455	3610	3600	Camb. -1145	No sample
C NE NE 33-15N-21W	No.1 Horn Volentine & Murfin	9/30/61	2583	3660	(3646)	Camb. -1063	No sample
C SE SE 18-15N-24W	No.1 Peterson D. G. Hamilton	11/1/62	2808	3872	(3820) 3863	Marm. -1012	Albite-actinolite schist
C NE NE 34-16N-21W	No.1 Willis Arrowhead-Murfin	11/16/61	2682	3777	3760	Cher. -1078	Biotite granite
C NE SE 18-16N-22W	No.1 Lichtenberger D. G. Hamilton	9/2/62	2674	3728	(3670) 3720	Cher. - 996	No sample

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
CUSTER--Continued							
C SE NW 26-16N-24W	No.1 Arnold D. G. Hamilton	8/14/62	2740	3749 (3720)	Marm.	- 980	No sample
C SW SW 27-17N-17W	No.1 Nagel D. G. Hamilton	9/18/62	2366	3581 3575	Camb.	-1209	Granite (?)
SW NE SE 5-17N-18W	No.1 Govier Western Oil	6/15/56	2356 ₊	3694 3686	Camb.	-1330	*Gneissic granite
C NW NW 29-17N-21W	No.1 Hogaboom D. G. Hamilton	9/8/62	2623	3718 3690	Cher.	-1067	*Quartzite
C SW SW 21-17N-23W	No.1 Bartek D. G. Hamilton	8/3/62	2923	4038 3865	Marm.	- 942	Chlorite hornblende gneiss
SE NW SE 11-18N-17W	No.6 Strat. Carter Oil Co.	11/1/41	2262	3472 3470	Camb.	-1208	Chlorite biotite gneiss
C SW SW 11-19N-19W	No.14 Predmore Superior Oil Co.	12/14/60	2429	3697 3648	Camb.	-1219	Sericite chlorite gneiss
C NE NE 22-20N-25W	No.1 Anderson Time Pet. Co.	7/29/61	2815	3720 3706	Marm.	- 891	Cataclastic biotite adamellite
DAWES							
C NE NE 13-29N-47W	No.1 Colwell Tucker Drlg. & Beer	2/23/63	3861	3525 3510	Marm.	+ 351	Biotite hornblende gneiss
C SE SE 16-29N-49W	No.1 State Cree Drlg. Co.	2/6/54	4147	5008 (4930) 4962	Cher.	- 783	Chlorite granodiorite
C NW NE 22-30N-47W	No.1 Kudrna Blair, Bieber, Barr	12/1/61	4081	3585 3581	Marm.	+ 500	Pegmatite(?)(granitic)
C SW SW 14-30N-48W	No.1 Arner Tucker Drlg. & Beer	3/6/63	4153	4517 (4475) 4500	Marm.	- 322	Granite

Location County, Sec. & Rge. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
DAWES--Continued								
C NE SE 14-30N-50W	No.1 Hulseman Tom Potter	11/2/55	4386	5367	5352	Miss.	- 966	No sample
C SE SE 2-30N-51W	No.1 Soester Tom Potter	1/9/56	4519	5742	5730	Cher.	-1211	Metadiabase
SW NW 7-31N-47W	No.1 Wolvington Tucker Drlg. & Beer	3/21/63	4290	4485	4438	Marm.	- 148	Muscovite granite
C NW NE 22-31N-49W	No.1 Federal Potter Drlg.	9/25/55	4105	5030	(4970) 5000	Miss.	- 865	Biotite muscovite schist
C SW SE 28-31N-49W	No.1 Deans California Oil	2/9/57	4416	5221	5212	Miss.	- 796	Foliated granodiorite
10 SW SW 5-31N-51W	No.1 Bunch San Jacinto Pet. Co.	2/15/63	3728	5130	5111	Miss.	-1383	No sample
C NW SE 11-31N-51W	No.1 Richardson Fred Morgan	2/3/59	3785	5062	5051	Miss.	-1266	Metadiabase
NW NE 17-31N-52W	No.1 Federal San Jacinto Pet. Co.	12/16/62	3754	5424	5360	Miss.	-1606	Actinolite chlorite schist
NE SE 19-32N-48W	No.1 Murdock Tucker Drlg. & Beer	4/17/63	3856	4675	4660	Marm.	- 804	Cataclastic quartz diorite
C SE SE 32-32N-50W	No.1 Amerada Tucker Drlg. & Beer	3/6/63	3674	4970	4962	Miss.	-1288	Chlorite schist
C NE NE 6-32N-51W	No.1 Lawrence Cities Service	3/15/63	3512	5151	5115	Miss.	-1603	Biotite granodiorite
C SW NE SW 10-32N-52W	No.1 Ostermeyer Amerada Pet. Corp.	12/30/45	3649	5110	5094	Miss.	-1445	Altered muscovite granite

Location County, Sec. & Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
DAWES--Continued								
C SW NE 27-33N-47W	No.1 Augustine Tucker Drlg. & Beer	3/23/63	3640	4144	4118	Marm.	- 478	Biotite hornblende gneiss
C SE NE SE 16-33N-49W	No.1 State Amerada Pet. Corp.	6/11/45	3290	4495	4489	Miss.	-1199	Foliated adamellite
C NE NE 4-34N-47W	No.1 Christensen William Clary	6/23/53	3236	2850	2727	Marm.	+ 509	Foliated granite
NE NW NE 33-35N-47W	No.1 Duthie Nebr. Oil Corp.	10/25	3025 (GL)	2947	2870	Cher.	+ 155	No sample
DAWSON								
C NW NW 10-9N-19W	No.1 "A" Mitchell Miami Pet. Co.	10/21/60	2379	4013 (3985) 3994		Camb.	-1606	Hornblende schist
11 C NW NW NW 13-9N-19W	No.1 Stear Ohio Oil Co.	12/18/52	2363	3742	3720	Camb.	-1357	Altered gneiss
C SE SE 23-9N-19W	No.1 Jensen-Murphy Huber Corp.	5/7/62	2297	4093	4088	Camb.	-1791	Hornblende schist
C SE NW 26-9N-20W	No.1 Burkey Miami Pet. Co.	10/14/60	2328	3735 (3700) 3710		Camb.	-1372	Hornblende gneiss
C NE NW 22-9N-23W	No.1 Oberhauser D. G. Hamilton	7/18/62	2720	3595 (3520) 3536		Marm.	- 800	Gneissic hornblende biotite granodiorite
NW SW 36-9N-24W	No.1 Yeutter Interstate O. & G.	6/17/61	2739	3540 (3492) 3522		Marm.	- 753	Biotite hornblende schist
C SE NW 25-9N-25W	No.1 Schurr D. G. Hamilton	10/1/62	2736	3570 (3520) 3550		Marm.	- 784	Hornblende schist
C NW NW SW 1-10N-19W	No.1 Dunse Ohio Oil Co.	6/10/53	2526	4029	4019	Camb.	-1493	Chlorite-biotite gneiss

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
DAWSON--Continued								
C NW NW NW 14-10N-19W	No.1 Strat. Carter Oil Co.	7/22/41	2443	3998	3983	Camb.	-1540	Biotite schist
C SE SW SW 30-10N-19W	No.1 Maloley Ohio Oil Co.	11/10/52	2449	3895	(3884) 3893	Camb.	-1435	No sample
C SE NE 27-10N-21W	No.1 Hock D. G. Hamilton	7/12/62	2398	3731	3702	Camb.	-1304	Cataclastic leuco- adamellite
C NW NW NW 21-10N-22W	No.1 Simmons Phillips Pet. Co.	3/23/41	2441	3371	(3320) 3365	Marm.	- 879	Granofels
C NW NW NW 28-10N-23W	No.1 Atchison Peters & Knauss	5/25/52	2479	3317	3315	Marm.	- 836	No sample
12 C SW NW 29-10N-24W	No.1 Kauffman D. G. Hamilton	8/7/62	2589	3529	(3468) 3482	Marm.	- 879	*? Schist
C SW SE 35-11N-21W	No.1 Givens Wiley & Murfin Drlg.	8/13/64	2517	3607	3592	Camb.	-1075	*Granodiorite
NE NE 26-11N-25W	No.1 Kittenbrink Placid Oil Co.	4/30/62	2548	3389	3358	Marm.	- 810	Granofels
C NW NW 14-12N-19W	No.11-14 Scudder Superior Oil Co.	12/3/60	2368	3610	(3594) 3602	Cher.	-1226	No sample
C NW NW NW 24-12N-20W	No.11-24 Dewey Superior Oil Co.	11/18/50	2550	3788	(3747) 3770	Camb.	-1197	Quartzite
C NW NW 34-12N-21W	No.1 Wiley Sterling Drlg. Co.	6/4/61	2594	3658	3651	Marm.	-1057	Hornblende biotite granodiorite
C SW NW 11-12N-22W	No.1 Knopf D. G. Hamilton	9/28/62	2686	3597	3570	Marm.	- 884	Quartzite

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
DAWSON--Continued								
C SE NW 21-12N-23W	No.1 Anderson D. G. Hamilton	9/17/62	2686	3576	3550	Marm.	- 864	*Biotite granodiorite
C NE SE 12-12N-25W	No.1 Cyriacks Placid Oil Co.	3/14/62	2690	3547	3522	Marm.	- 832	Hornblende quartz diorite
C SW SW SW 32-12N-25W	No.1 Edson Midwestern Cont.Inc.	12/4/52	2625 (DF)	3530	3435	Marm.	- 810	Layered gneiss and schist
DEUEL								
NW NE 25-13N-43W	No.1 Zimmerman Stoddard Est.	4/28/65	3633	5706	5690	Cher.	-2057	No sample
C SE SE NE 18-14N-42W	No.1 Robb Magnolia Pet. Co.	9/23/51	3713	5825	5790	Cher.	-2077	Biotite granite
13 DODGE								
SE SW 14-20N-6E	No.1 Dames Platte Valley Oil	1/5/64	1270	2256	2222	Camb.	- 952	Hornblende diorite, horn- blende gneiss, & horn- blende schist
DOUGLAS								
C SE SW 4-14N-13E	No.1 Water Well Armour Co.	1936	1113 (DF)	2023	2020	Camb.	- 907	Olivine basalt
C SW SW 4-14N-13E	No.1 Water Well Cudahy Co.	1932?	1148 (DF)	2105	1996	Camb.	- 848	*? Basalt
NW SE SE 25-16N-9E	No.1 Smith Great Western Oil	11/11/59	1150	2347	1960	Camb.	- 810	Arkosic sandstone
DUNDY								
C NW NW 10-1N-36W	No.1 Gottscholk E. A. Obering	10/25/60	3042	5042	(5009) 5026	Camb.	-1967	Gneissic biotite adamellite

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
DUNDY--Continued C SW NW No.1 Schrader 11-1N-38W Tipps Drlg. Co.	5/27/61	3170	5270	(5253) 5261	Camb.	-2083	No sample
C SE NE No.1 Vonderfecht 10-2N-36W E. A. Obering	2/21/61	3101	5072	5050	Camb.	-1949	Biotite gneiss
C SW NE No.1 "A" Stroup 8-2N-37W Sunray-Midcont.	4/8/61	3159	5024	5006	Camb.	-1847	Meta silicic volcanic
C SW SW NW No.1 Reining 20-2N-37W Deep Rock Oil Corp.	9/11/52	3172	5134	5130	Camb.	-1958	No sample
C SE SW No.1 Huey 17-2N-41W Woody, Kiel & Burns	8/2/61	3473	5546	5507	Camb.	-2034	Quartzite underlain by granofels
C NE SE No.1 Foster 27-3N-36W E. A. Obering	10/11/60	3062	4980	4980	Camb.	-1918	No sample
C SE NE No.1 Dunn 31-3N-36W Sterling Drlg. Co.	7/7/61	3189	5203	5176	Camb.	-1987	Granite
C SE SE SW No.1 Baney 6-3N-37W Deep Rock Oil Corp.	1/25/52	3240	5233	5218	Camb.	-1978	No sample
C NE NE No.1 Clegg 29-3N-40W J. K. Wadley	12/17/59	3458	5523	5512	Camb.	-2054	Biotite adamellite
C SW SW No.1 Daniels 27-3N-41W Donnel Drlg. Co.	5/27/61	3528	5587	5578	Camb.	-2050	No sample
C NE NE No.1 Earl 1-4N-41W Monsanto Chem. Co.	12/1/57	3500	5520	5508	Camb.	-2008	Biotite granodiorite
SW SW No.1 "A" Nichols 32-4N-41W Tenn. Gas Trans. Co.	1/30/60	3545	5586	5567	Camb.	-2022	Micaceous quartzite

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FILLMORE C NE NE NE 22-5N-1W	No.1 Mathies William Ebke	1941	1573	3308	3288	Camb.	-1715 Hornblende schist
FRONTIER C SW NE 4-5N-25W	No.1 Sandman Pan. East Pipeline	5/28/58	2421	3354	3309	Marm.	- 888 Gneissic biotite horn- blende granite, granite, quartzite
C NW NE 7-5N-25W	No.1 Kester Murfin Drlg. Co.	10/31/61	2471	3305	(3272) 3284	Marm.	- 801 No sample
C SE SE 14-5N-25W	No.1 Phelps Exeter Drlg. Co.	9/6/61	2325	3240	(3202) 3218	Marm.	- 877 No sample
C NW NW 28-5N-25W	No.1 "A" Newcomb Miami Pet. Co.	4/11/61	2514	3510	(3480) 3500	Marm.	- 966 Foliated biotite adamellite
C SW SW 33-5N-25W	No.1 Minnick Christie-Stewart	8/28/62	2457	3540	3508	Marm.	-1051 Foliated biotite leucoadamellite
C NE NW NW 13-5N-26W	No.1 Watkins Red Willow O. & G.	5/1/30	2366	3423	3185	Marm.	- 819 Granofels
C NE NW 18-5N-26W	No.1 Johnston-Moore Lewis & Jones	5/31/61	2608	3495	(3480) 3488	Marm.	- 872 Gneissic biotite adamellite
C SE SW 22-5N-26W	No.1 Allen Lewis & Jones	6/15/61	2488	3401	(3348) 3365	Marm.	- 860 Hornblende biotite gneiss
C SE NE 36-5N-26W	No.1 Mouse1 Murfin Drlg. Co.	4/26/62	2314	3310	(3244) 3280	Cher.	- 930 Biotite schist
C NW NW NE 1-5N-27W	No.1 Crawford Kay Oil Co.	9/24/54	2583	3441	(3412) 3434	Marm.	- 829 Granofels

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FRONTIER--Continued							
C SE SE 5-5N-27W	No.1 Webb Lewis & Jones	6/2/61	2709	3598	3578	Cher. - 869	No sample
C NW NW 20-5N-27W	No.1 Lyne Lewis & Jones	5/15/61	2637	3575	(3548) 3556	Cher. - 911	No sample
C NW NW 25-5N-27W	No.1 Fritzer Lewis & Jones	6/4/61	2567	3565	3553	Cher. - 986	Leucoadamellite and gneissic granodiorite
C SE SE 28-5N-27W	No.1-28 Foley Skinner Corp.	11/1/65	2574	3538	3525	Cher. - 951	No sample
C SW SE 33-5N-27W	No.1-33 Foley Skinner Corp.	4/1/65	2549	3580	(3524) 3571	Cher. - 975	*Gneissic granodiorite
91 C NW SW 36-5N-27W	No.1 State Sterling Drlg. Co.	12/7/61	2610	3563	3552	Marm. - 942	Granofels (?)
C SW SE 4-5N-28W	No.1 Schmitz Murfin & Placid	12/4/63	2731	3848	(3824) 3830	Marm. -1093	*Hornblende schist
C NW NE 18-5N-28W	No.31-18 Sliger Superior Oil Co.	5/7/61	2713	3827	3816	Cher. -1103	Diopside-hornblende- biotite schist
C SW NW 23-5N-28W	No.1 Teel Murfin Drlg. Co.	10/7/60	2684	3704	3680	Marm. - 996	Granofels
C NW NW 31-5N-28W	No.1 Barnett Nebr. Drlrs. Inc.	2/1/61	2699	3833	3823	Cher. -1124	No sample
C SE SE 3-5N-29W	No.1 Wright K & E Drlg.-Evans	12/15/61	2724	3863	3780	Marm. -1056	Hornblende biotite schist
C SW SW 5-5N-29W	No.1 "A" Snyder Okmar Oil Co.	3/23/61	2822	4237	(4142) 4200	Cher. -1320	Hornblende gneiss

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FRONTIER--Continued								
C SW SE 19-5N-29W	No.1 Shepherd Skelly Oil Co.	11/23/62	2763	4118	(4032) 4107	Cher.	-1269	*Gneissic granite
C SW SW 21-5N-29W	No.1 Brown Sinclair-Prairie	3/25/42	2717	3879	3830	Cher.	-1113	Diopside-biotite- hornblende gneiss
C SW NW 28-5N-29W	No.1 Hanthorn Skelly Oil Co.	9/25/61	2618	3742	(3710) 3737	Cher.	-1092	Granofels
NE NE 31-5N-29W	No.1 Quick Ben J. Taylor	11/27/65	2685	4050	(3970) 3985	Cher.	-1285	*Biotite gneiss
C NW NW 32-5N-29W	No.1 Wescamp Kimbark Expl. Co.	4/8/62	2695	4028	(3990) 4024	Cher.	-1295	Granite (?)
17 C NW SW 32-5N-29W	No.1 Wescamp Ben J. Taylor	11/14/65	2645	3991	(3938) 3970	Cher.	-1293	No sample
C NW NE 3-5N-30W	No.1 Ruppert Walter Duncan	7/27/61	2796	4208	(4180) 4205	Cher.	-1384	Foliated (?) leuco- adamellite
NW NW 4-5N-30W	No.1 Miller Rutledge & Mullins	12/24/65	2874	4319	(4314)	Cher.	-1440	No sample
C NE NW 5-5N-30W	No.1 Schnelder Blair & Murfin	9/27/61	2864	4375	(4310) 4348	Cher.	-1446	Biotite-muscovite gneiss
C NE SW 7-5N-30W	No.1 Wescamp Nebr. Drlrs. Inc.	7/9/61	2831	4311	(4284) 4305	Camb.	-1453	Granite (?)
C SE NE NE 9-5N-30W	No.1 Andriteski Sauvage Drlg. Co.	5/16/59	2848	4242	4232	Cher.	-1384	No sample
C NW-SE 11-5N-30W	No.1 Ruppert Estate Excelsior Oil Corp.	8/11/60	2726	4117	(4080) 4108	Cher.	-1354	Foliated (?) leuco- adamellite

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FRONTIER--Continued								
C SE NE NW 20-5N-30W	No.1 Wolfe Volentine & Rothmeier	3/17/52	2580	4038	3990	Cher.	-1410	Hornblende schist
C NE NE 21-5N-30W	No.2 Bortner Excelsior Oil Corp.	7/26/61	2753	4186	(4078) 4160	Cher.	-1325	Gneissic adamellite
C SW NE 23-5N-30W	No.2 Swanson Kingwood Oil Co.	12/21/63	2704	4122	(4068) 4107	Cher.	-1364	*Biotite gneiss
C SE NW 28-5N-30W	No.1 Bortner Platte Valley Oil	2/25/65	2687	4094	(4050) 4082	Camb.	-1363	*Gneissic granite
C NE NE 28-5N-30W	No.1 Bortner Joe Rothmeier	7/8/60	2568	3945	(3919) 3930	Camb.	-1351	Leucoadamellite
81 SW SW 28-5N-30W	No.1 Bortner Stoepfelwerth Drlg.	1/16/65	2773	4224	(4173) 4210	Camb.	-1400	No sample
C SW SW NW 32-5N-30W	No.1 Hackenkamp M. W. Volentine	8/24/56	2814	4250	4244	Camb.	-1430	No sample
SW SE 33-5N-30W	No.1 Neiman Strata Oil Co.	1/29/61	2694	4125	4122	Camb.	-1428	No sample
C SW SW SE 34-5N-30W	No.1 Lashley M. W. Volentine	10/22/56	2691	4136	4134	Camb.	-1443	No sample
C NE NW 5-6N-24W	No.1 Romatzke Murfin-Lewis-Jones	1/20/61	2448	3200	(3102) 3180	L-KC	- 654	Cataclastic biotite gneiss
C NW SW 16-6N-24W	No.1 Schutz Sterling Drlg. Co.	10/17/61	2368	3333	(3290) 3324	Marm.	- 922	No sample
C SE NW 17-6N-25W	No.1 Sayer Shell Oil Co.	9/5/53	2530	3161	(3133) 3160	Marm.	- 603	Granofels

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
FRONTIER--Continued								
C NE NE 34-6N-25W	No.1 Farr Murfin-Lewis-Jones	1/18/61	2414	3315	(3284) 3300	Marm.	- 870	Granofels
C NE NE 4-6N-26W	No.1 Johnson J. C. Man	5/27/62	2592	3423	3420	Marm.	- 828	Cataclastic quartz- feldspar gneiss
C NE NW 14-6N-26W	No.1 "E" Druse Miami Pet. Co.	6/10/61	2574	3369	3357	Marm.	- 783	Foliated leucoadamel- lite
C SW SE 30-6N-26W	No.1 Phillips J. C. Man Jr.	5/16/62	2543	3344	3330	Marm.	- 787	Granite
C SE SE SW 9-6N-27W	No.1 Herman Victor Anderson	6/18/53	2492	3521	3489	Marm.	- 997	Biotite-hornblende schist
19 C NE SW 13-6N-28W	No.1 Halley Raymond Oil & Murfin	11/1/61	2659	3850	(3778) 3820	Marm.	-1119	Foliated muscovite biotite adamellite
C NW NW 20-6N-28W	No.1 Brush Murfin Drlg. Co.	6/16/61	2800	4052	4010	Marm.	-1210	Muscovite gneiss
C SW SE 27-6N-28W	No.1 Vaughn Evans & Strain	4/11/62	2775	3817	(3787) 3808	Marm.	-1012	Biotite quartz diorite
SW NW 2-6N-29W	No.1 Peterson Volentine	6/6/61	2864	4238	4222	Cher.	-1358	Actinolitic anortho- site
C NE NW 2-6N-30W	No.3 Ruppert Est. Excelsior Oil Corp.	6/4/61	2911	4396	(4340) 4368	Cher.	-1429	Gabbro
C NW SE 18-6N-30W	No.1 Ruppert Excelsior Oil Corp.	11/14/61	2970	4395	4386	Cher.	-1416	Gabbro
C SE SW 20-6N-30W	No.2 Ruppert Excelsior Oil Corp.	5/6/62	2867	4305	4297	Cher.	-1430	Biotite hornblende schist

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
FRONTIER--Continued								
C SW SW 22-6N-30W	No.2 Ruppert Est. Volentine	6/13/61	2785	4181	4170	Cher.	-1385	Hornblende schist
C NE NW 26-6N-30W	No.1 Ruppert Raymond Oil Co.	11/9/61	2843	4300	(4252) 4285	Cher.	-1409	Biotite gneiss
C NW SE 28-6N-30W	No.4 Ruppert Est. Excelsior Oil Corp.	11/5/61	2776	4255	(4220) 4240	Cher.	-1444	Granofels
C NW SW 33-6N-30W	No.1 Zimmer Blair & Murfin	4/16/61	2816	4261	4245	Cher.	-1429	Gneissic muscovite biotite
C SW NE 13-7N-25W	No.1-13 Oldenburg Pan. East. Pipeline	5/12/58	2527	3206	3174	Marm.	- 647	Biotite-hornblende schist
C SE SW 33-7N-25W	No.1 "A" Mitchell Miami Pet. Co.	4/26/61	2474	3197	3191	Marm.	- 717	Mylonite
C NE NW 29-7N-26W	No.1 Nickerson Knight-Lewis-Jones	9/14/61	2561	3498	(3411) 3438	Marm.	- 850	Mylonite
C SW SW NE 20-7N-27W	No.1 Whipple V. H. Mann	8/7/54	2717	3723	3695	Marm.	- 978	Muscovite schist
NW NW 3-7N-28W	No.1 Jorgensen Buick Drig.&Simmons	6/16/61	2727	4000	(3935) 3998	Cher.	-1208	Quartz diorite
C NW SE 7-7N-29W	No.1 Schultz Tipps Drig. Co.	10/7/61	2916	4365	4340	Cher.	-1424	Biotite hornblende granulite
NW SW NW 33-7N-29W	No.1 Nelson Wilcox Oil Co.	7/18/61	2920	4370	4342	Cher.	-1422	No sample
C NW NW 15-7N-30W	No.1 Prindle Tipps Drig. Co.	10/15/61	2894	4300	4260	Cher.	-1366	Anorthosite

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FRONTIER--Continued								
SE SE 23-7N-30W	No.1 Nolan Tipps Drlg. Co.	11/11/61	2972	4420	4413	Cher.	-1441	Anorthosite
C NE SE 32-7N-30W	No.1 Schmelzer Banner Oil & Harrison	7/14/61	2870	4285	4260	Cher.	-1390	Anorthositic olivine gabbro
C SW NE 26-8N-24W	No.1-26 Toberer Pan. East. Pipeline	5/2/58	2713	3450	3428	Marm.	- 715	Biotite hornblende schist
C SW SE 32-8N-25W	No.1 "B" Lehman Miami Oil Prod.	8/20/62	2639	3412	3394	Marm.	- 755	Biotite gneiss (?)
C NW SE 13-8N-26W	No.1 Brockmier Pan. East. Pipeline	4/19/58	2649	3526	3455	Marm.	- 806	Biotite schist
21 C SW NW 36-8N-26W	No.1 "A" Aden Miami Pet. Co.	5/18/61	2713	3540	(3492) 3524	Marm.	- 779	Quartz-feldspar gneiss
C SE SE 11-8N-27W	No.1 Bender Miami Oil Prod.	8/12/62	2771	3786	3750	Marm.	- 979	Biotite schist
C NW NW 18-8N-27W	No.1 Waltemath Interstate G. & O.	6/20/61	2668	3820	(3784) 3817	Marm.	-1116	Hornblende biotite schist
C SW SE 32-8N-27W	No.1 Taylor Miami Oil Prod.	7/30/62	2622	3757	3667	Marm.	-1045	Biotite-chlorite schist
C SW SW 13-8N-28W	No.1 Lenz Koepke & Patrick	10/15/60	2706	3865	(3836) 3858	Marm.	-1130	Mylonitic gneiss
C NE NE 14-8N-29W	No.1 Thompson M. W. Volentine	5/23/62	2862	4200	(4144) 4185	Cher.	-1282	Foliated quartz diorite
C SW NW 7-8N-30W	No.1 Schmitz M. W. Volentine	5/12/62	3012	4319	4298	Marm.	-1286	Foliated quartz diorite

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
FRONTIER--Continued NE SW No.1 Schmitz 11-8N-30W Arvel C. Smith	5/24/63	2866	4218	4205	Cher.	-1339	Chlorite actinolite schist
FURNAS C NW SE No.1 Johnson 21-1N-21W W. H. Gaddis	10/20/62	2232	3930	3914	Camb.	-1682	Muscovite-biotite schist
C SW SW NW No.1 Einspahr 10-1N-22W Falcon-Seaboard Co.	2/8/57	2238	3648	3612	Camb.	-1374	Hornblende adamellite
C SW SW NW No.1 Dusenberry 23-1N-22W Don E. Pratt	12/12/52	2228	3596	3574	Camb.	-1346	No sample
C SE SW No.1 Alter 28-1N-22W Morrison & Noah	6/18/41	2315	3652	3610	Camb.	-1295	Granofels
22 C SW SW No.1 Smith-Barker 29-1N-22W Walter Duncan	6/19/62	2286	3560	3570	Camb.	-1284	*Hornblende granodiorite
C SW SW SW No.1 Erickson 8-1N-23W Barnsdall Oil Co.	2/22/41	2340	3492	3480	Marm.	-1140	Granofels
SE NW No.1 Franklin 8-1N-23W Stoeppelwerth Drlg.	10/4/65	2318	3481	3472	Camb.	-1154	*Adamellite
C SW SW SW No.1 Cass 9-1N-23W Harry Gore	2/9/55	2334	3530	3495	Marm.	-1161	Granite (?)
C NW NW No.1 Duval 28-1N-23W Brit.-Am. Oil Co.	12/7/60	2225	3418	3412	Marm.	-1187	Hornblende biotite granodiorite
C SW NW No.1 Johnson 5-1N-24W U.S. Smelt. & Ref.	10/30/61	2415	3532	3522	Marm.	-1107	Biotite adamellite
C SW NE No.1 Youngquist 8-1N-24W Ben J. Taylor	11/3/64	2430	3541	3514	Marm.	-1084	*Granofels

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
FURNAS--Continued								
C NW NW 23-1N-24W	No.1 Knappert Fred Morgan	5/24/61	2358	3478	3470	Marm.	-1112	Foliated biotite adamellite
C SW SE 29-1N-24W	No.1 McClintic Brit.-Am. Oil Co.	9/24/60	2417	3570	3500	Marm.	-1083	Biotite hornblende granite
C SE SE SE 31-1N-24W	No.1 Hamilton Helmerich & Payne	3/21/53	2365	3477	3440	Marm.	-1075	Biotite granite
C NW NW 9-1N-25W	No.1 Palmer K.&E. Drlg. Inc.	2/18/61	2386	3525	(3450) 3516	Marm.	-1064	Biotite adamellite
NE NE 14-1N-25W	No.1 "A" Palmer Miami Petr. Co.	3/29/61	2440	3567	(3540) 3554	Marm.	-1100	Hornblende biotite adamellite
C SW SW 15-1N-25W	No.1 Burke K.&E. Drlg. Inc.	7/15/61	2518	3665	(3626) 3650	Marm.	-1108	Hornblende biotite granite
C SE SW 19-1N-25W	No.1 Orvis A. J. Hickerson	4/3/61	2498	3560	3548	Marm.	-1050	Biotite adamellite
C SE SE 24-1N-25W	No.1 Kasson K.&E. Drlg. Inc.	1/1/62	2465	3581	3560	Marm.	-1095	Biotite adamellite
C SE NE 27-1N-25W	No.1 Treat Brit. Am. Oil Co.	6/26/61	2400	3540	3527	Marm.	-1127	Biotite hornblende adamellite
C SE SW 28-1N-25W	No.1 Palmer (Artz) Petr. Assoc. Fund	12/31/62	2496	3750	(3672) 3699	Marm.	-1176	No sample
C SE NW 29-1N-25W	No.1 Hosea K.&E. Drlg. Inc.	8/18/61	2510	3642	(3582) 3629	Marm.	-1072	Biotite leucogranite
C NE NE 31-1N-25W	No.1 Palmer Kimbark Expl. Co.	5/16/62	2504	3630	(3590) 3620	Marm.	-1086	Biotite adamellite

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
FURNAS--Continued							
C SW SW 32-1N-25W	No.1 Sumner Rankin & Gray	8/25/61	2484	3711	(3688) 3707	Camb. -1204	No sample
SE NE 32-1N-25W	No.1 White-King Occidental Petr.	11/10/64	2437	3620	3605	Camb. -1168	*Biotite adamellite
C NW NW 33-1N-25W	No.1 Holtze Kaiser-Francis	4/21/61	2471	3687	(3636) 3680	Camb. -1165	Hornblende biotite granodiorite
C SE SE 34-1N-25W	No.1 Tombaugh G. H. Echols	4/4/61	2429	3620	3600	Marm. -1171	Biotite adamellite
C SW NE 7-2N-21W	No.1 Harman Aztec Oil & Gas	5/1/62	2117	3693	(3636) 3654	Camb. -1519	Hornblende biotite schist
C NE SE 18-2N-21W	No.1 Hewett Sterling Drlg. Co.	9/6/62	2139	3679	3672	Camb. -1533	Biotite adamellite
C SW SW SE 28-2N-21W	No.1 Frease Sterling Drlg. Co.	12/13/50	2200	3758	3709	Camb. -1509	Gneissic biotite adamellite
C NW NW NW 33-2N-21W	No.1 Goosick C. W. Trickett	1941	2167	3718	3709	Camb. -1542	Metamorphic rock (?)
C SW SE 1-2N-22W	No.1 Kohn Thomas Prod. Co.	8/16/63	2144	3630	(3609) 3620	Camb. -1465	Granofels
C NW SW SE 1-2N-23W	No.1 Gentry Falcon-Seaboard	1/14/57	2242	3511	(3481) 3505	Marm. -1239	Granofels
C SE SW 9-2N-23W	No.1 Smith W. E. Wickizer	6/22/62	2333	3551	3548	Marm. -1215	Granofels
C NE NE NW 14-2N-24W	No.1 Crudden Sauvage & Dunn	10/10/55	2345	3517	3484	Marm. -1139	Biotite hornblende adamellite

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
FURNAS--Continued								
NE SW 3-2N-25W	No.1 Ten Bense Brit.-Am. Oil Co.	7/1/61	2490	3524	(3484) 3507	Marm.	- 994	Biotite adamellite
C SE SW 5-2N-25W	No.1 Fritzer M. W. Valentine	3/11/62	2543	3493	(3460)	Marm.	- 917	Granite
C SW NE 9-2N-25W	No.1 Ray Samedan Oil Corp.	11/7/61	2525	3597	(3540) 3592	Marm.	-1015	Granofels
C SE NW 14-2N-25W	No.1 Kern-Ray Bentex Oil Corp.	8/25/61	2431	3463	(3434)	Marm.	-1003	No sample
C NW NW 15-2N-25W	No.1 White Bentex Oil Corp.	8/17/61	2465	3513	3505	Marm.	-1040	Biotite hornblende adamellite
25 C SW SW 16-2N-25W	No.1 State Kimbark Expl. Co.	6/26/62	2393	3431	(3400) 3425	Marm.	-1007	Biotite granite
NE NW 17-2N-25W	No.1 McTaggart Christie-Stewart	9/3/62	2508	3585	(3557) 3572	Marm.	-1049	Hornblende adamellite
C SE NE 17-2N-25W	No.1 McTaggart Satterthwaite et al.	6/1/63	2385	3454	3430	Marm.	-1045	*Hornblende granite
C NE SE 17-2N-25W	No.1 Palmer Exeter Drlg. Co.	3/31/61	2380	3445	(3400) 3418	Marm.	-1020	Hornblende adamellite
C SW SE 17-2N-25W	No.1 Palmer Plymouth Oil Co.	5/16/61	2471	3502	3484	Marm.	-1013	Hornblende granite
SW SW 20-2N-25W	No.1 Saylor-Ruf Plymouth Oil Co.	6/14/61	2430	3468	3460	Marm.	-1030	No sample
C SE NW 22-2N-25W	No.1 Knutson Banner Oil Co.	4/25/61	2420	3464	3450	Marm.	-1030	Granite

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
FURNAS--Continued							
C SW NW 31-2N-25W	No.1 Lemaster Tenneco	5/21/62	2355	3414	(3395) 3408	Marm.	-1040 Biotite hornblende adamellite
C SE SW 25-3N-22W	No.1 Skinner Ben J. Taylor	10/5/64	2290	3798	(3764) 3788	Camb.	-1474 *Hornblende schist
C NW SW NW 28-3N-22W	No.1 Escher Falcon-Seaboard	1/23/57	2304	3599	3596	Camb.	-1292 *Biotite granite
C SW NE 30-3N-22W	No.1 Freas Tom Jordan	6/21/61	2322	3587	3580	Marm.	-1258 Biotite adamellite
NE SW 33-3N-22W	No.1 Harrold Jordan & Cook	7/30/61	2252	3590	(3566) 3584	Marm.	-1314 No sample
C SE 14-3N-23W	No.1 Leising Helmerich & Payne	5/28/41	2323	3565	3535	L-KC	-1212 Biotite adamellite
C SE NW 6-3N-24W	No.1 Phillips B. F. Allison	7/9/61	2370	3433	3383	Marm.	-1013 Granofels
C SE SW 10-3N-24W	No.1 Warner Lewis, Lewis & Jones	8/17/61	2341	3471	3460	Marm.	-1119 Granofels
SE NW 7-3N-25W	No.1-7F Minnick Pubco	12/30/63	2324	3211	3196	Marm.	- 872 No sample
C SE SE 7-3N-25W	No.1 Minnick B. F. Allison	7/4/61	2413	3341	3290	Marm.	- 877 Hornblende biotite adamellite
C NW SE 11-3N-25W	No.1 Weist Lewis & Shannon Oil	7/19/61	2385	3443	3400	Marm.	-1015 Biotite-clinopyroxene- hornblende adamellite
C NE NW 30-3N-25W	No.1 Sayer Hill & Frost	3/29/64	2485	3400	(3378) 3388	Marm.	- 893 No sample

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FURNAS--Continued								
C NE NE SE 31-3N-25W	No.1 Harding Stanolind Oil & Gas	6/26/43	2484	3422	3407	Marm.	- 923	Granofels
C SE NW 3-4N-21W	No.1 Rankin T. Jordan et al.	4/23/61	2264	3533	3526	Marm.	-1262	Mylonite
C NE NE 11-4N-21W	No.1 Fletcher Miami Pet. Co.	9/28/60	2261	3684	(3616) 3664	Marm.	-1355	Cataclastic gneiss
C NW NW 14-4N-21W	No.1 Deaver Beaird & McCullum	9/2/61	2252	3652	(3620) 3646	Marm.	-1368	Cataclastic quartz diorite
C NW NW NE 25-4N-21W	No.1 Bruntz Stanolind Oil & Gas	11/13/46	2189	3641	3618	Marm.	-1429	Cataclastic quartz diorite
27 C SW SW 1-4N-22W	No.1 Chapman Sharples Oil Corp.	7/31/61	2200	3775	3760	Camb.	-1560	Biotite adamellite
SE NE 9-4N-22W	No.1 Anderson Stateswide Oil Corp.	5/25/61	2280	3745	(3726) 3740	Camb.	-1446	Cataclastic biotite adamellite
C NE SE 1-4N-23W	No.1 Kropf Beaird & McCullum	9/22/61	2319	3727	3696	Camb.	-1377	Biotite adamellite
C SW NW 10-4N-23W	No.1 Fohnholz Murfin Drlg. et al.	2/4/63	2281	3588	3570	Marm.	-1289	Biotite adamellite
C NW SE 27-4N-24W	No.1 Ten Bense1 B. F. Allison	7/21/61	2289	3484	3484	Marm.	-1195	Biotite granite
C SW SW 2-4N-25W	No.1 Cotton Lewis & Shannon	6/26/61	2385	3325	3302	Marm.	- 917	Biotite leucoadame1- lite
SE NE 6-4N-25W	No.1 Wulf Christie-Stewart	7/31/62	2461	3523	(3477) 3510	Marm.	-1016	Hornblende-biotite schist

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
FURNAS--Continued								
C SE SE 17-4N-25W	No.1 Kee Volentine & Murfin	10/19/61	2424	3435	(3381) 3419	Marm.	- 957	Biotite adamellite
C NW NE 23-4N-25W	No.1 Sexton Lewis & Jones	7/13/61	2340	3366	3362	Marm.	-1022	Granite
C NE SW 34-4N-25W	No.1 Brown Fred Morgan	5/3/61	2262	3337	(3256) 3320	Marm.	- 994	Granofels
GAGE								
C NW SW NW 9-1N-6E	No.1 Coigrove H. W. Pieper et al.	11/4/54	1275	2672	2662	Ord.	-1387	Hornblende biotite adamellite
SW SW SW 14-1N-6E	No.1 Scheideler Donn Linn et al.	6/16/42	1422	2775	2760	Ord.	-1338	Chlorite adamellite
28 E SW NE 14-1N-6E	No.1 Stanoschek Leon Wondra	5/29/60	1389	2752	2749	Ord.	-1360	*Biotite granite
C NW NW NW 24-1N-6E	No.1 Stanoschek Gage Co. Dev. Co.	6/13/45	1379	2762	2757	Ord.	-1378	Chlorite adamellite
SW SE NW 12-1N-8E	No.1 Goin E. J. Dunigan	6/7/63	1397	2240	2230	Ord.	- 833	Schist and gneiss
C SE SW 3-2N-6E	No.1 Doyle (Vance) F. O. Hawn	3/21/61	1376	2701	2687	Ord.	-1311	Biotite granite
C SE NW 19-2N-6E	No.1 Vitesh Gear & Gleason	7/15/64	1379	2775	2765	Ord.	-1386	*Biotite granite
C NW SW SE 27-2N-7E	No.1 Hurtz Gage Co. Dev. Co.	12/19/42	1208	1975	1971	Ord.	- 763	One feldspar horn- blende granite
SE SE SE 7-2N-8E	No.1 Trump Musgrove Drlg. Co.	1/1/60	1340	2249	2245	Ord.	- 905	Granite

Location County, Sec. & Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
GAGE--Continued								
C NE 21-3N-5E	No.1 Bartlett Kirby Oil Ind.	9/25/52	1439	2804	2801	Ord.	-1362	Foliated biotite adamellite
C NE NE 21-3N-5E	No.1 Warren Williams & Rider	5/15/41	1437 (DF)	2858	2811	Ord.	-1374	Chloritized biotite gneiss
C SW SW SW 27-3N-5E	No.1 Ryan W & M Oil Co.	6/29/53	1435	2802	2796	Ord.	-1361	Granitic mylonite
NE NE NE 11-3N-7E	No.1 Overbeck Musgrove Drlg. Co.	1/27/60	1380	1730	1722	Ord.	- 342	*Granite
C NE NE NE 12-3N-8E	No.1 Henzel Henzel & Robinson	5/11/59	1515	1712	1701	Ord.	- 186	Biotite hornblende granite
29 NW NW NW 30-3N-8E	No.1 Martin Musgrove Drlg. Co.	1/13/60	1418	1896	1894	Ord.	- 476	Granite
C SE SW SE 4-4N-7E	No.1 Gronwohl F. C. Schultze	5/11/56	1302	2041	2008	Ord.	- 706	Quartz diorite (?)
SE SE SW 4-4N-8E	No.1 Andrew Musgrove Drlg. Co.	2/20/60	1445	1678	1674	Ord.	- 231	*Granite
NW NW SW 15-4N-8E	No.1 Remmers Musgrove Drlg. Co.	2/10/60	1460	1663	1660	Ord.	- 203	*Granite
C SE SW 27-5N-6E	No.1 Terry Dan Kees	8/7/45	1359	2528	2524	Ord.	-1165	Biotite hornblende adamellite
NW NW SE 14-5N-8E	No.1 Parde White & Fry	1/6/62	1408 (GL)	1627	1607	Ord.	- 199	Basalt
GARDEN								
C SW SW SW 32-16N-43W	No.1 Blanchard Pure Oil Co.	11/5/51	3684 (DF)	5870	5820	Cher.	-2136	Metagabbro and gneiss

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GARDEN--Continued							
C NE NW 29-17N-43W	No.1 Paulsen Brinkerhoff Drlg.	5/31/62	3538	5562	5553	Cher.	-2015 Cataclastic biotite gneiss
C SW SW 8-18N-41W	No.1 Orr Tucker Drlg. & Beer	2/6/63	3807	5480	5460	Cher.	-1653 Gneissic biotite granite
NW NW 36-18N-42W	No.1 State Tucker Drlg. & Beer	1/17/63	3760	5462	5450	Cher.	-1690 Granite (?)
C NE NW NE 25-18N-45W	No.1 Ferrell Ohio Oil Co.	9/14/55	3887	5974	(5946) 5972	Cher.	-2059 Cataclastic biotite granite
C NE NW 28-19N-41W	No.1 Rush Creek Brit.-Am. Oil Co.	11/30/61	3764	5347	(5300) 5330	Cher.	-1536 *Granite
30 SW SW SW 33-19N-42W	No.1 Delatour Sinclair-Prairie	12/6/44	3790 (GL)	5446	5435	Cher.	-1645 Biotite adamellite
C SE NE 10-19N-46W	No.1 Swan Lake Phillips Petr. Co.	4/12/62	3921	5954	5930	Cher.	-2009 No sample
C NE NE 10-20N-42W	No.1 Gilbough Texaco Oil Co.	11/9/64	3800	5338	(5250) 5300	Marm.	-1450 *Adamellite
C SW NE 28-21N-41W	No.1 Curry Jones, Shelb. & Farm.	2/2/56	3791	5142	(5065) 5125	Marm.	-1274 Granofels
C SE NW SE 12-22N-46W	No.1 Peterson Lucerne Corp.	9/1/52	3902	5661	5647	Cher.	-1745 No sample
GARFIELD							
NE NE 32-22N-15W	No.41-32 Johnson Superior Oil Co.	12/24/60	2466	3569	(3546) 3560	Camb.	-1080 Labradorite-hornblende schist
SE SE 21-22N-16W	No.1 Lakin H. L. Hunt	12/4/61	2318	3375	3348	Camb.	-1030 Altered biotite gneiss

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GARFIELD--Continued								
C SE SE 14-23N-14W	No.1 Malmsten Atlas Expl. Co.	12/23/61	2198	3350	3298	Camb.	-1100	No sample
NW NE 5-23N-16W	No.1 Wallace H. L. Hunt	11/13/61	2388	3496	3480	Camb.	-1092	Cataclastic granite
GOSPER								
C SW SW 5-5N-21W	No.1 Rolfsmeier Heart Mountain Oil	7/6/62	2423	3712	(3685) 3700	Marm.	-1262	Biotite adamellite
C NW SE 14-5N-21W	No.1 Arehart Miami Pet. Co.	10/6/60	2295	3940	3848	Camb.	-1553	Amphibole-biotite gneiss
C SE SE 19-5N-21W	No.1 Sanderson Lattner & Blanco Oil	11/27/62	2312	3955	3945	Camb.	-1633	*Biotite adamellite
31 C SW SW SW 34-5N-21W	No.1 Schoen Stanolind O. & G.	10/21/46	2260 (DF)	3537	(3506) 3520	Marm.	-1246	Granofels
C NE SW NE 2-5N-22W	No.1 Dawson Liberty-Phillips	3/2/51	2390	3767	(3702) 3763	Marm.	-1312	No sample
NE NE 7-5N-22W	No.1 Esslinger Consolidated Oil	8/20/64	2425	3787	(3732) 3762	Marm.	-1307	*Cataclastic biotite granite
C SW SW 16-5N-22W	No.1 Essinger Beaird & McCullum	9/24/61	2335	3732	(3702) 3714	Camb.	-1367	Mylonite
C NW NE 34-5N-22W	No.1 Schramm Thomas & Sterling	4/23/62	2331	3823	(3790) 3814	Camb.	-1459	Cataclastic biotite chlorite granite
C SW SW 31-5N-23W	No.1 Huxoll Murfin Drlg. et al.	9/6/61	2353	3556	(3522) 3540	Marm.	-1169	Chloritized biotite adamellite
C NE NE 17-6N-23W	No.1 Moeller M. W. Volentine	4/25/62	2454	3710	3704	Marm.	-1250	Biotite gneiss

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
GOSPER--Continued								
C SW SW 30-7N-21W	No.1 Fox Heart Mtn. Oil Co.	1/17/62	2552	3970	(3934) 3953	Marm.	-1382	Hornblende biotite gneiss
C NE SW 22-7N-22W	No.1 Whaley Brinkerhoff Drlg.	7/18/61	2537	3980	(3924) 3950	Marm.	-1387	Biotite schist
C NE NE 8-7N-23W	No.1 Umberger Interstate N.G.	5/22/61	2613	3600	(3398) 3528	Marm.	- 785	Altered cataclastic syenodiorite
C NE NE 33-7N-23W	No.1 Madison Shell Oil Co.	8/8/53	2495	3139	3130	Marm.	- 637	Cataclastic biotite adamellite
C SW SW 6-8N-21W	No.2 Whaley Murfin Drlg. Co.	9/21/61	2456	3481	3467	Marm.	-1011	Biotite hornblende gneiss
GRANT								
32 C SW SE 12-21N-37W	No.1 Vinton Thomas Producing Co.	10/27/63	3608	4465	4396	Marm.	- 788	Leucogranite
C NE NW 9-21N-38W	No.1 Farrar Blair & Murfin Drlg.	3/3/65	3682	4640	4640	Marm.	- 958	*Quartzite
C SE NE 9-21N-38W	No.1 Farrar E. B. Clark	2/21/64	3725	4624	4620	Marm.	- 895	No sample
C NE NE NW 9-21N-38W	No.1 Farrar Oil Hunters Inc.	8/31/50	3685	4664	4660	Marm.	- 975	No sample
C SW SW 9-21N-39W	No.1 Lowe Placid Oil Co.	4/10/62	3970	5220	5160	Cher.	-1190	Chlorite-muscovite- biotite schist
C SW SW SE 3-21N-41W	No.1 Sutton Lubar Oil Co.	10/7/54	3894	5150	5144	Cher.	-1250	No sample
C SW SW 8-22N-36W	No.1 Thos. Egan Thomas Prod. Co.	10/12/63	3600	4253	4154	Marm.	- 554	Cataclastic gneiss

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
GRANT--Continued							
SW SW 5-22N-39W	No.1 Minor Thomas Prod. Co.	11/12/63	3845	4983	4968	Cher.	-1123 Micrographic granite
C SW SW 1-23N-28W	No.1 Lowe Texaco-Seaboard	7/22/58	3689	4088	4051	Marm.	- 362 Layered quartz feldspar gneiss, biotite horn- blende schist
C NW NW NW 12-24N-37W	No.2 Monahan Frank M. McHale	5/21/54	3425	4031	4012	Marm.	- 587 No sample
C NE NW 22-24N-38W	No.1 Abbott Byrd & Frost	10/26/36	3775 (DF)	4040	4008	Marm.	- 233 Biotite hornblende adamellite
GREELEY							
SW NE 20-18N-12W	No.1 Brown Sun Oil Co.	10/15/65	2058	3431	3420	Camb.	-1362 Cataclastic (?) biotite granite
NE NE 33-19N-11W	No.41-33 Barnes Superior Oil Co.	1/5/61	2081	3518	3507	Camb.	-1426 Biotite quartz diorite
HALL							
C SE SW 20-10N-12W	No.24-20 Lewis Superior Oil Co.	10/28/60	2009	4092	4082	Camb.	-2073 Biotite granite
HARLAN							
C NE SE 33-1N-18W	No.2 Seyler W. E. Wickizer	3/31/61	1967	4060	4051	Camb.	-2084 No sample
C SW SW 35-1N-18W	No.1 Pond O. Koepke	5/16/63	2078	4330	4327	Camb.	-2249 No sample
C SE SE 8-1N-20W	No.1 Johnson W. H. Gaddis	2/25/64	2217	4147	4130	Camb.	-1913 Muscovite biotite adamellite
C SW NE 17-2N-17W	No.32-17 Dixon Superior Oil Co.	8/26/60	2141	4559	4542	Camb.	-2401 Biotite hornblende monzonite

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
HARLAN--Continued							
C SE SE NE 31-2N-17W	No.1 Shriver R. L. Gilmore	6/13/55	2033	4312	4291	Camb. -2258	Biotite schist and granofels
C NE NE 30-3N-17W	No.1 Skiles Sun Oil Co.	7/2/64	2135	4499	4482	Camb. -2347	*Hornblende diorite
C SW NE 29-3N-19W	No.32-29 Specht Superior Oil Co.	9/9/60	2157	4265	4262	Camb. -2105	Granofels
C SW SW 27-4N-18W	No.1 Ashley T. Winston Easton	7/15/60	2277	4593	4582	Camb. -2305	No sample
HAYES							
C SE SE SE 1-5N-31W	No.88-1 Schneider Superior Oil Co.	7/5/53	2839	4359	(4293) 4334	Cher. -1454	Gneissic biotite adamellite
34 C NE NE SE 9-5N-31W	No.1 Schneider Jones, Shelb. & Farm.	9/19/55	2817	4221	4216	Camb. -1399	*Gneissic biotite granite
C NE SW 11-5N-31W	No.1 Smith Sage Oil Co.	6/13/61	2785	4300	(4272) 4298	Camb. -1487	Leucogranite
C SE SW SW 12-5N-31W	No.28-12 Little Superior Oil Co.	2/7/51	2804	4266	(4234) 4260	Camb. -1430	Muscovite-biotite gneiss
C SW NW NW 13-5N-31W	No.1 Brenning Joe Rothmeier	5/13/58	2800	4325	(4295) 4324	Cher. -1495	No sample
C SE SE SE 14-5N-31W	No.1 "B" Schneider Jones, Shelb. & Farm.	7/23/56	2842	4365	(4349) 4360	Camb. -1507	Foliated leucoadamel- lite
C NW NW 21-5N-31W	No.1 Schaffert A. G. Hill	4/3/62	2927	4505	(4470) 4490	Camb. -1543	Granite (?)
C NE SW 22-5N-31W	No.1 Beebe Hill & Frost	10/11/62	2873	4405	(4390)	Cher. -1517	No sample

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
HAYES--Continued							
C SE SE 24-5N-31W	No.1 Beebe Murfin & Sunray Oil	10/7/61	2837	4378	(4328) 4350	Cher.	-1491 Biotite granodiorite
S/2 NW NW 27-5N-31W	No.1-A Beebe Muchemore & Mast	9/9/59	2884	4432	(4403) 4414	Camb.	-1519 Biotite adamellite
C SE SE 28-5N-31W	No.1 Beebe Hill & Frost	4/9/64	2865	4435	(4390) 4433	Camb.	-1525 *Biotite gneiss
C NW NW 32-5N-31W	No.1 Terrell R. W. Shields	1/11/64	2780	4340	(4315) 4331	Camb.	-1535 *Gneissic biotite adamellite
C SW SE 33-5N-31W	No.1 Gesselman A. G. Hill	9/6/64	2844	4417	(4385) 4408	Camb.	-1541 *Granite (?)
C NE NE NE 35-5N-31W	No.1 Peters Joe Rothmeier	6/1/58	2869	4429	(4386) 4408	Camb.	-1517 Foliated hornblende biotite granite
NW NE 10-5N-32W	No.1 Atwood Marathon Oil Co.	6/23/65	2791	4346	(4322) 4340	Camb.	-1531 *Gneissic granite
C SE NE 13-5N-32W	No.1 Altman Pan Amer. Petr.	7/11/61	2902	4435	(4403) 4434	Camb.	-1503 Muscovite biotite gneiss
C SW SW 16-5N-32W	No.1 State Earl F. Wakefield	6/19/58	2928	4553	(4530) 4545	Camb.	-1602 Biotite hornblende gneiss
C SW NW 15-5N-34W	No.1 Malone Jones, Shelb. & Farm.	3/25/56	2800	4571	(4516) 4540	Camb.	-1716 Norite
C NE NW 29-5N-34W	No.1 Harris Jones, Shelb. & Farm.	5/19/56	2814	4625	4610	Camb.	-1796 Hornblende biotite gneiss
C SW SW 6-6N-31W	No.1 Ward Thomas Prod. Co.	2/6/63	2975	4382	4369	Cher.	-1394 Biotite hornblende schist

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
HAYES--Continued								
C SE SE 20-6N-31W	No.1 Broz Volentine & Murfin	10/27/61	2877	4282	4268	Cher.	-1389	Cataclastic gneiss
C SE NW 23-6N-31W	No.1 McKillip Volentine	11/27/61	2843	4257	(4214) 4246	Cher.	-1371	Muscovite biotite schist
C NW NE 30-6N-32W	No.1 Krejci R. W. Shields	1/22/64	2959	4502	(4466) 4498	Cher.	-1507	Biotite granodiorite
C SE SE SE 36-6N-32W	No.1 State Mast Drlg. Co.	7/17/57	2971	4397	(4372) 4388	Cher.	-1401	Gneissic muscovite granodiorite
C NE SE 5-6N-33W	No.1 West Chief & Cent. Plains	4/22/62	3007	4506	4490	Cher.	-1483	Biotite granodiorite
C NE SE 7-6N-33W	No.1 Gigax Natol Corp.	10/22/62	2944	4688	4672	Camb.	-1728	*Biotite adamellite
C SW SE SW 21-6N-33W	No.1 Fort Kamp Plains Expl. Co.	12/24/57	2885	4598	(4554) 4590	Camb.	-1669	Granite (?)
C E/2 SW NE 23-6N-35W	No.1 Irvine Bedrock Oil Co.	7/29/58	3114	4917	4888	Camb.	-1774	Biotite hornblende gneiss
C NE NW 20-7N-31W	No.1 Beebe Reading, Kirk et al.	5/27/61	2917	4313	4305	Cher.	-1388	Hornblende anorthosite
C NW NW 25-7N-31W	No.1 Schmeltzer Raymond Oil & Murfin	11/17/61	3004	4455	(4420) 4429	Cher.	-1416	Anorthosite
SW SE 2-7N-32W	No.1 Leu Mound Co.	4/28/61	2912	4263	4240	Cher.	-1328	No sample
C NW NE 5-7N-32W	No.1 Garrett Mound Co.	4/5/61	3000	4433	4479	Cher.	-1479	*Biotite adamellite

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HAYES--Continued							
C NW SW 13-7N-32W	No.2 Clifford Mast Drlg. & Owens	10/23/61	2871	4262 (4240) 4257	Cher.	-1369	Leucoadamellite
SW SE 17-7N-32W	No.1 Wilson S. G. Harrison	6/26/61	3071	4549 4530	Cher.	-1459	No sample
C SW NE 18-7N-32W	No.1 R. H. Garrett Harrison & Ft. Bend	6/6/61	3118	4691 (4620)	Cher.	-1502	Granitic gneiss
C NW NW 25-7N-32W	No.1 Clifford Owen & Mast	10/8/61	2930	4383 (4350) 4373	Cher.	-1420	Granite (?)
C NE SW 30-7N-32W	No.1 Snee Mound Co.	6/5/61	3060	4523 4516	Cher.	-1456	Foliated biotite adamellite
C NW NE 31-7N-32W	No.1 Schmelzer Mound Co.	5/10/61	3044	4490 4480	Cher.	-1436	Gneissic muscovite biotite
C NE NE 8-7N-33W	No.1 Tate Texas Nat. Petr. Co.	6/17/61	3120	4812 (4720) 4800	Cher.	-1600	Foliated (?) leuco- adamellite
C SE SW 21-7N-33W	No.1 Lawson Mound Co.	5/22/61	3115	4710 4700	Cher.	-1585	Gneissic biotite adamellite
C SW SE 22-7N-33W	No.1 Lawson S. G. Harrison	7/5/61	3137	4702 4692	Cher.	-1555	*Gneissic granite
C NE NE 20-7N-34W	No.1 Guthrie F. C. Lattner	9/2/63	3133	4855 (4835) 4843	Camb.	-1702	Biotite hornblende schist
C SW SW 25-7N-34W	No.1 Christner F. C. Lattner	4/21/63	3158	4797 (4754) 4763	Camb.	-1596	Muscovite-biotite granite
C SE NW 32-7N-34W	No.1 Cochran Plains Expl. Co.	12/3/57	3075	4790 4778	Camb.	-1703	Biotite granodiorite

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HAYES--Continued								
C SE SE 3-7N-35W	No.1 Voda Poole & Mast Drlg.	6/22/62	3110	4820	(4755) 4782	Camb.	-1645	Foliated biotite adamellite
C NE NE 8-8N-31W	No.1 Leu Leben Drlg. & NCRA	7/30/61	3068	4430	4420	Cher.	-1352	Altered anorthosite
SW SW 8-8N-32W	No.1 Doyle Amerada Petr. Co.	12/4/64	2910	4470	(4400) 4454	Cher.	-1490	*Biotite adamellite
C NE NE 13-8N-32W	No.1 Fisher Leben Drlg. Inc.	7/19/61	3042	4435	4418	Cher.	-1366	Anorthosite
C NW SE 14-8N-33W	No.1 Scott Murfin Drlg. Co.	6/18/62	3139	4700	4645	Cher.	-1506	Biotite granodiorite
38 NW NE 27-8N-33W	No.1 Pemberton Arvel C. Smith	6/3/63	3215	4755	(4680) 4737	Cher.	-1465	Leucoadamellite
C SW NW 1-8N-34W	No.1 Cornelius Murfin Drlg. Co.	10/13/63	3183	4878	(4751) 4862	Cher.	-1568	*Cataclastic granite
C SE SE 1-8N-34W	No.1 Sullivan Taubert & Steed et al.	5/4/63	3173	4744	(4695) 4728	Cher.	-1522	*Cataclastic granite
C NE SW 2-8N-34W	No.1 Sullivan Alladin & Reed	9/27/62	3148	4728	4722	Cher.	-1574	*Cataclastic granite(?)
C NW NE 5-8N-34W	No.1 Tetterton Murfin Drlg. et al.	11/6/63	3171	4813	(4780) 4798	Cher.	1609	*Gneissic adamellite
C SW SE 10-8N-34W	No.1 Sullivan Murfin & Placid Oil	1/24/63	3218	4885	(4770) 4837	Cher.	-1552	Cataclastic gneissic leucoadamellite
C NW NE 11-8N-34W	No.1-"B" Sullivan Brit.-Am. Oil Co.	11/3/62	3161	4743	(4675) 4742	Cher.	-1514	*Gneissic adamellite

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
HAYES--Continued								
C NE NE 17-8N-34W	No.1 Leu Cities Service Petr.	9/17/61	3265	4955	(4905) 4919	Camb.	-1640	Cataclastic gneissic adamellite
SW NE 23-8N-34W	No.1 Clark Cities Service Petr.	6/7/61	3306	4966	(4850) 4933	Cher.	-1544	Cataclastic gneissic adamellite
C SW NW 34-8N-34W	No.1 Maucher Aikman Bros. et al.	5/27/62	3165	4803	(4748) 4790	Cher.	-1583	Cataclastic biotite adamellite
C SE NW 2-8N-35W	No.1 Schumer Sunray Mid-Cont.	6/14/61	3256	4917	(4888) 4900	Cher.	-1632	Biotite adamellite
HITCHCOCK								
C NE NE 4-1N-31W	No.1 Campbell Aladdin Pet. Corp.	10/21/59	2713	4385	4372	Camb.	-1659	Hornblende biotite granite
39 C NW NW NE 6-1N-31W	No.1 Droll M. P. Gilbert	5/11/56	2699	4386	4376	Camb.	-1677	Biotite granodiorite
NE SW 8-1N-31W	No.1 Kiplinger Blair & Murfin Drlg.	12/23/60	2684	4388	4370	Camb.	-1686	Hornblende biotite adamellite
SW NE 11-1N-31W	No.1 Matson Burch Drlg. Co.	12/11/60	2775	4460	4420	Camb.	-1645	Biotite adamellite
C NW SW 23-1N-31W	No.1 Berger Blair & Murfin Drlg.	2/11/61	2840	4550	(4516) 4534	Camb.	-1676	Biotite hornblende adamellite
C NE NE NE 25-1N-31W	No.1 Bobinmeyer Stickleman & Betts	9/3/56	2779	4487	4470	Camb.	-1691	Chloritized biotite adamellite
NW SE NE 29-1N-31W	No.1 Grafel Skelly Oil Co.	11/8/58	2877	4622	(4572) 4600	Camb.	-1695	Biotite hornblende adamellite
C SW SW NW 32-1N-31W	No.1 Jankovits Skelly Oil Co.	6/13/58	2947	4534	4490	Cher.	-1543	Quartzite

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HITCHCOCK--Continued C SW NE No.1 Fikan 8-1N-32W Skelly Oil Co.	10/9/60	2883	4628	4260	Camb.	-1737	Gneissic biotite adamellite
C SW NW No.1 Hay 14-1N-32W Cent.States & Burch	7/25/65	2718	4386	4376	Camb.	-1658	No sample
C NW SW No.1 Hay 15-1N-32W Platte Valley Oil	2/20/65	2780	4309	4270	Cher.	-1490	*Quartzite
C NE SE No.1 Ladmer-Adams 17-1N-32W Murfin & Lader	4/1/63	2830	4572	(4532) 4546	Camb.	-1702	*Hornblende anorthosite
C SE SE No.1 Adams 21-1N-32W Skelly Oil Co.	6/20/59	2749	4238	4195	Cher.	-1446	Quartzite
40 C SW SE No.2 Adams 21-1N-32W Skelly Oil Co.	10/18/59	2740	4253	4175	Cher.	-1435	Quartzite
C NE SE No.8 Lewis 22-1N-32W Skelly Oil Co.	4/11/60	2852	4346	4293	Cher.	-1441	*Granofels
C SE SW NW No.1 Frakes 23-1N-32W Skelly Oil Co.	7/21/59	2899	4401	4384	Cher.	-1485	Sillimanite quartzite
C SE SE SE No.1 Lewis 26-1N-32W Skelly Oil Co.	12/7/58	2884	4371	4350	Cher.	-1466	Quartzite
C NW NW No.4 Lewis 27-1N-32W Skelly Oil Co.	7/13/59	2760	4260	4210	Cher.	-1450	Quartzite
C SE NE NE No.5 Lewis 27-1N-32W Skelly Oil Co.	9/9/59	2808	4310	4236	Cher.	-1428	Granofels
C SE NE No.1 Newport 28-1N-32W Skelly Oil Co.	7/21/59	2787	4194	4168	Cher.	-1381	Quartzite

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
HITCHCOCK--Continued							
C NE NE 28-1N-32W	No.1 Reiher Skelly Oil Co.	6/5/59	2797	4390	4180	Cher.	-1383 Quartzite
C NW NE 29-1N-32W	No.2 Armitage Texaco Oil Co.	7/3/60	2834	4365	4305	Cher.	-1471 No sample
C NE SW 29-1N-32W	No.1 Roose Dean R. Claussen	8/4/59	2875	4725	4542	Camb.	-1667 Quartzite over biotite schist
C SE NW 32-1N-32W	No.1 Fry Burch & Cent. States	6/19/65	2863	4507	4500	Camb.	-1637 No sample
C NW NW 4-1N-33W	No.1 Buhler Maggard & Mast Drlg.	4/24/62	2942	4770	4760	Camb.	-1818 Granite (?)
41 C NE SE 29-1N-33W	No.1 Wagoner Dean Claussen	7/11/59	2976	4755	4746	Camb.	-1770 Quartzite
C SW NE 31-1N-33W	No.1 Hedke Texaco Inc.	9/22/61	3050	4815	4774	Camb.	-1724 Biotite-hornblende schist
C SE NE 34-1N-34W	No.1 Bose John Luccous	6/8/60	3053	4930	(4895) 4927	Camb.	-1842 Biotite gneiss
NE NE 4-2N-31W	No.1 Schaffert Excelsion-Volentine	8/7/60	2815	4335	4292	Camb.	-1477 Granite
C SE SE SE 10-2N-31W	No.1 Habben Jones, Shelb. & Farm.	4/20/56	2755	4375	(4350) 4366	Camb.	-1595 Granofels
C NE SW 12-2N-31W	No.1 Hoyt Sunray Mid-Cont.	11/28/61	2705	4300	(4246) 4280	Camb.	-1541 Granofels
C NE NE 12-2N-31W	No.1 Moss Tenneco Oil Co.	11/21/62	2669	4210	(4713) 4197	Camb.	-1528 *Granofels

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
HITCHCOCK--Continued C SE NW 20-2N-31W	No.1 Nehring Blair & Murfin Drlg.	1/25/61	2761	4440	4420	Camb.	-1659	Hornblende biotite gneiss
C SW SE 36-2N-31W	No.1 State W. T. Waggoner	6/2/63	2755	4376	4362	Camb.	-1607	*Gneissic granite
C NW SW 12-2N-32W	No.1 Confer Murfin & Maggard	5/13/64	2716	4380	(4340) 4368	Camb.	-1624	*Gneissic granite
C SW SE 15-2N-32W	No.1 French Burch Drlg. Co.	2/12/61	2828	4502	4452	Camb.	-1624	Biotite gneiss
C NE NE 29-2N-32W	No.1 Keeney Arvel Smith	12/3/63	2883	4650	4686	Camb.	-1703	*Hornblende diorite
42 C SE NE SW 35-2N-32W	No.1 Carter C. L. Price et al.	7/15/39	2797 (DF)	4464	4460	Camb.	-1663	Foliated granite
C NE NW 36-2N-32W	No.1 School Burch Drlg. Co.	5/19/61	2753	4430	4427	Camb.	-1674	No sample
SW NW 16-2N-33W	No.1 Thomas H. Holtom et al.	4/4/64	2808	4676	(4645) 4656	Camb.	-1837	Granite
C SW SW 35-2N-33W	No.1 Reutzel Diamond Oil Co.	6/26/61	2909	4735	(4715) 4722	Camb.	-1806	Hornblende biotite gneiss
C SW NW 20-2N-34W	No.1 Miller Ben J. Taylor	10/17/64	2845	4850	(4792) 4826	Camb.	-1947	*Granofels
C NW SE 28-2N-35W	No.1 Burkes Blair & Assoc.	3/25/61	2840	4825	(4818)	Camb.	-1978	No sample
C SW NE 33-3N-31W	No.1 Jensen & Goh1 Ben J. Taylor	4/3/65	2813	4370	(4340) 4352	Camb.	-1527	*Biotite schist

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HITCHCOCK--Continued							
C SW SE 33-3N-31W	No.1 Schaffert Burch Drlg. Co.	8/8/61	2834	4303	4296	Camb.	-1472 No sample
SW SW 34-3N-31W	No.1 Schaffert Ben J. Taylor	5/12/65	2736	4192	4190	Camb.	-1454 No sample
NE NW 35-3N-31W	No.1 "C" Fritz W. T. Waggoner	5/24/63	2761	4278	4275	Camb.	-1514 *Gneissic granite (?)
C NW NW 36-3N-31W	No.1-36 State Compass Expl. Inc.	11/6/61	2626	4157	4140	Camb.	-1514 Granofels
C SE SE 12-3N-32W	No.1 Perkins Citizens Oil Co.	6/4/62	2595	4202	(4171) 4192	Camb.	-1576 Hornblende schist and foliated adamellite
43 C SW NW 29-3N-32W	No.1 Williams R. W. Shields	1/1/64	2688	4360	4339	Camb.	-1651 *Gneissic granite
C SE NE 18-3N-33W	No.1 Baker Murfin & Thomas	9/25/62	2940	4742	4705	Camb.	-1765 Foliated biotite grano- diorite
SE SW 19-3N-34W	No.2-F Goodenberger Pubco	8/11/63	2924	4857	(4812) 4818	Camb.	-1894 Muscovite biotite granodiorite
C SW SW 21-3N-34W	No.1 Randell Arvel C. Smith	6/14/63	3016	4912	4900	Camb.	-1889 Granite
NW NW 23-3N-34W	No.1 Breitling Arvel C. Smith	10/5/63	2942	4814	(4776) 4798	Camb.	-1834 No sample
C NW SW 26-3N-34W	No.1 Skinner Smith & Taylor	1/10/64	2919	4829	4800	Camb.	-1881 *Quartz diorite
C SW SW 16-3N-35W	No.1 State J. K. Wadley	11/29/59	3039	5000	4968	Camb.	-1929 Foliated quartz diorite

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
HITCHCOCK--Continued							
C NE SW 12-4N-31W	No.1 Stewart Blair & Murfin Drlg.	2/4/62	2779	4350 (4260) 4320	Camb.	-1481	Foliated biotite granodiorite
C NW SW 18-4N-31W	No.1 Karschner Chief & Cent. Plains	4/15/62	2761	4383 4378	Camb.	-1617	Foliated biotite granodiorite
NE SE 33-4N-31W	No.1 Wagner Amerada Petr. Corp.	6/12/63	2683	4250 (4212) 4227	Camb.	-1529	*Gneissic granodiorite
C SW SW 16-4N-32W	No.1 "B" State Jones, Shelb. & Farm.	4/9/56	2865	4523 (4520) 4536	Camb.	-1655	Biotite adamellite
C NW SW 21-4N-33W	No.1 Gruver Rounds & Elk Oil	12/15/62	2775	4551 (4504) 4510	Camb.	-1729	*Foliated adamellite
44 C NE NE 23-4N-33W	No.1 Carter Jones, Shelb. & Farm.	5/5/56	2700	4430 (4402) 4424	Camb.	-1702	Foliated muscovite biotite adamellite
C SE SE 13-4N-34W	No.1 Schluckebier D-L Oil Co.	8/23/63	2873	4670 (4645) 4660	Camb.	-1772	Biotite hornblende schist
C NW NW 36-4N-34W	No.1 "A" State Jones, Shelb. & Farm.	3/11/56	2986	4781 (4472)	Camb.	-1786	Foliated leucoadamel- lite
NW NE 21-4N-35W	No.1 Long Capital Investment	5/24/64	3099	4975 4963	Camb.	-1864	Biotite quartz diorite
HOLT							
C SE SE 9-25N-16W	No.1 Beck H. L. Hunt	12/5/61	2391	3252 3212	Ord.	- 821	Biotite hornblende gneiss
C NE NE 27-25N-16W	No.1 Taylor H. L. Hunt	12/30/61	2384	3345 (3295) 3336	Ord.	- 911	Biotite schist
C NE SE 15-27N-16W	No.1 Vrooman H. L. Hunt	1/7/62	2318	3013 (2984) 2990	Ord.	- 666	Muscovite-biotite schist

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
HOLT--Continued							
C SW SE NE 9-28N-9W	No.1 Asher Lloyd J. Twibell	9/10/52	1917	2342	2320	Ord.	- 403 Biotite gneiss
C SE SE 34-28N-13W	No.1 Schaffer Time Petr. Co.	9/6/61	2100	2627	2624	Ord.	- 524 No sample
C SW NE 23-28N-15W	No.1 Dobrovoly H. L.Hunt	1/20/62	2225	2866	2859	Ord.	- 634 Gneissic biotite granite
C SE SE 13-29N-13W	No.1 Froelich Time Petr. Co.	10/20/61	2054	2531	2508	Ord.	- 454 Gneissic biotite granite
HOOKER							
C NW NW 13-21N-33W	No.1 Marland Thomas Prod. Co.	9/18/63	3432	4273	(4228) 4262	Marm.	- 796 Biotite adamellite
45 NW NW 27-22N-34W	No.1 Vinton Thomas Prod. Co.	9/28/63	3436	4385	(4318) 4380	Marm.	- 882 Granite
C NE NW NE 5-23N-31W	No.1 Machlan Ohio Oil Co.	5/9/52	3183	3970	3950	L-KC	- 767 Rhyolite
C SE SE 26-23N-33W	No.1 Cooley Belco Petr. Co.	12/1/61	3300	4254	4250	L-KC	- 950 Granofels
HOWARD							
C NE NW 25-13N-11W	No.21-25 Kroeger Superior Oil Co.	11/7/60	1879	3622	(3600) 3616	Camb.	-1721 Biotite hornblende gneiss
C NE NE 18-13N-12W	No.1 Hewitt Sun Oil Co.	7/31/64	2044	3731	3720	Camb.	-1676 No sample
C SE NW 26-15N-10W	No.22-26 Weber Superior Oil Co.	11/19/60	1780	3401	3397	Camb.	-1617 No sample

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
HOWARD--Continued C SE SE NE No.1 Kment 10-16N-12W Wm. F. Prochaska	7/4/56	2025	3625	3617	Camb.	-1592	Biotite granite
JOHNSON NE cor. No.1 Dysart 12-4N-10E Cities Service Oil	1/21/60	1320	1020	1017	Ord.	+ 303	*Biotite granite
SW cor. No.1 Bartels 33-4N-10E Cities Service Oil	1/9/60	1378	1280	1271	Ord.	+ 107	*Biotite adamellite
NE NE NE No.6 Strat.(Broody) 4-4N-12E Stanolind O. & G.	12/31/43	1266	808	803	Marm.	+ 463	Muscovite biotite granite
C NW SE No.1 Pabin 19-5N-9E Gear & Robinson	11/10/59	1476	1632	1612	Ord.	- 136	Muscovite biotite schist
46 SE SW SE No.2 Fisher 28-5N-9E Homestead Oil Co.	7/30/64	1292	1586	1545	Ord.	- 253	Granite
NE NE NW No.5 Strat.(Brehm) 5-5N-12E Stanolind O. & G.	12/11/43	1187	1025	1015	Ord.	+ 172	No sample
C EL No.8 Strat.(Hertz) 8-5N-12E Stanolind O. & G.	2/9/44	1251	980	978	Ord.	+ 273	Gneissic biotite muscovite adamellite
SW NW NW No.9 Strat.(Minor) 16-5N-12E Stanolind O. & G.	2/2/44	1244	883	877	Marm.	+ 367	Foliated biotite muscovite adamellite
NE NE NE No.7 Strat.(Broody) 20-5N-12E Stanolind O. & G.	2/9/44	1240	859	853	Marm.	+ 387	Hornblende biotite gneiss
C SW SW NW No.4 Strat.(Shact) 6-6N-12E Stanolind O. & G.	11/6/43	1024	1151	1150	Ord.	- 126	Granite (?)
KEARNEY C NE NE No.1 Nielsen 32-5N-14W Sun Oil Co.	7/14/64	2176	4388	4383	Camb.	-2207	*Biotite granodiorite

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KEARNEY--Continued								
NE NW 1-7N-16W	No.1 Geraldine Benson Drive-In Co.	1/5/64	2158	4391	4378	Camb.	-2220	*Biotite quartz diorite
C NE SE 28-8N-13W	No.43-28 Jackson Superior Oil Co.	10/3/60	2062	4384	4360	Camb.	-2298	Hornblende biotite quartz diorite
KEITH								
C NW NE 11-12N-35W	No.1 Southwell J. C. Man,Jr.	6/23/62	3235	4795	4780	Cher.	-1545	Granofels over horn- blende schist
C NW SW 12-12N-36W	No.1 Heinrich Pan Am. Petr. Corp.	12/18/61	3256	4741	(4700) 4720	Cher.	-1444	Biotite adamellite
C NW NW 1-13N-35W	No.1 Harms Placid Oil Co.	12/21/62	3070	4553	(4512) 4530	Cher.	-1442	Biotite adamellite
47 C SE SE 15-13N-35W	No.1 Anderson Placid Oil Co.	1/6/63	3107	4665	(4574) 4682	Cher.	-1467	Leucoadamellite
C SW NW 25-14N-35W	No.1 Sudman Placid Oil Co.	11/3/62	3036	4492	4442	Cher.	-1406	Biotite schist
C NW NE 26-14N-35W	No.1 Humphrey Pan Am. Petr. Corp.	7/12/62	3013	4489	(4430) 4455	Cher.	-1417	Biotite schist
C SE SW NE 21-14N-37W	No.1 Ables Rock Hill Oil Co.	5/13/52	3365	5005	(4858) 4884	Cher.	-1493	No sample
C NE NE 9-15N-36W	No.1 McGinley W. B. Osborn	9/15/62	3350	4905	4856	Cher.	-1506	No sample
C SW SE 35-15N-36W	No.1 Sillasen Placid Oil Co.	12/28/62	3288	4754	4740	Cher.	-1452	Biotite granodiorite
SW SW 22-15N-41W	No.1 Feltz Tucker Drlg. & Beer	12/22/62	3618	5531	5490	Cher.	-1872	Biotite adamellite

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KEITH--Continued							
C NE SW 31-16N-37W	No.1 Whitetail Ranch W. B. Osborn	8/25/62	3434	4916	(4804) 4842	Cher. -1370	Hornblende schist over- lain by granodiorite
C NW NE 15-16N-38W	No.1 McGinley D. G. Hamilton	9/1/62	3548	4923	4838	Cher. -1290	Gneissic biotite granite
KEYA PAHA							
C SE SE 1-32N-19W	No.1 Arrowsmith Baker Drlg. & Koepke	4/6/65	2179	2567	2540	Ord. - 361	*Muscovite schist
C SE NE 7-33N-18W	No.1 Bothwell Koepke & Stoepelw'h	6/14/64	2239	2595	2548	Ord. - 309	*Biotite schist
KIMBALL							
C SE NE 26-15N-56W	No.2 Schneider Shell Oil Co.	5/26/57	4703	8875	8837	Cher. -4134	Metabasalt
Center 15-16N-54W	No.18 Travis Shell Oil Co.	4/3/56	4754	8441	8430	Cher. -3676	Muscovite schist
KNOX							
NW NE NE 24-32N-7W	No.1 Nielsen Palensky & Sons	8/25/58	1283	1241	1240	Cret. + 43	Sioux Formation (quartz)
LANCASTER							
NW NW NW 14-8N-6E	No.1 Peterson Shar-Alan Oil Co.	7/4/60	1320	2008	1990	Ord. - 670	Clastic sedimentary rock (arkosic- basaltic)
C NE NE NW 19-9N-5E	No.1 Miles Pyramid Oil Co.	9/1/50	1386	1894	1881	Camb. - 495	Altered basalt
NW NW NW 36-9N-5E	No.1 Sullivan Shar-Alan Oil Co.	6/12/60	1342	2320	2294	Camb. - 952	Arkosic sandstone
NE NE SE 27-9N-6E	No.1 Henricksen Shar-Alan Oil Co.	5/19/60	1227	2066	1855	Ord. - 628	Ophitic basalt

Location County, Sec. & Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
LANCASTER--Continued								
SW SW SW 28-9N-6E	No.1 Krueger Shar-Alan Oil Co.	6/1/60	1291	2050	2043	Camb.	- 752	No sample
SE SE SE 28-9N-8E	No.1 "A" Beavers White & Fry	12/15/61	1380	1993	1966	Ord.	- 586	No sample
C NE NE SE 35-9N-8E	No.1 Trautner Wm. Kitrell et al.	7/25/51	1298	1906	1892	Ord.	- 594	Altered basalt
NE NE SW 21-10N-6E	No.1 Capitol Beach State of Nebraska	1888	1160 (DF)	2463	2192	Camb.	-1032	*Gneissic diorite - (?) meta basalt
SW SW SE 26-10N-7E	No.1 Shrine Club Cass Petr. Co.	1932	1271	1870	1805	Ord.	- 534	Ophitic basalt
LINCOLN								
49 C NW NW 24-9N-26W	No.1 McNickle D. G. Hamilton	9/23/62	2852	3719	3675	Marm.	- 823	Biotite actinolite schist, granitic gneiss
SW SW 3-9N-27W	No.1 Krone Forrest C. Larner	9/30/63	2782	3849	(3800) 3843	Marm.	-1018	*Actinolite schist
C NE NE 8-9N-27W	No.1 Hill M. W. Valentine	5/5/62	2784	3835	3820	Marm.	-1036	Actinolite schist
C NW NE 24-9N-29W	No.1 Wolfe M. W. Valentine	6/5/62	2838	4058	(3960) 4038	Marm.	-1122	Mica schist
C NW NW 9-9N-30W	No.1 Hasenauer Burch Drlg. Co.	9/16/62	2890	4215	(4125) 4193	Marm.	-1235	Granofels
C NE NE SE 2-9N-32W	No.1 Fletcher Texon Royalty Co.	7/10/48	3069	4405	4395	Cher.	-1326	No sample
C SE SE 28-9N-32W	No.1 Doyle Leben Drlg., Inc.	7/8/61	3042	4550	4522	Cher.	-1480	Biotite adamellite

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LINCOLN--Continued							
NE NE 2-9N-33W	No.1 Hengen Stoeppelw'h & Arnold	10/27/64	3070	4610 (4558) 4596	Cher.	-1488	*Gneissic adamellite
C SW SW 3-9N-33W	No.1 Melton Niobrara Ruthedge	11/25/61	2997	4512 (4485) 4503	Cher.	-1588	Leucoadamellite
C SW SE 4-9N-33W	No.1 Melton Chandler-Simpson	5/16/62	3001	4539 4502	Cher.	-1501	Biotite adamellite
C NE SE 5-9N-33W	No.1 Cohen Mast & Chieftan	11/1/61	3091	4670 (4600) 4660	Cher.	-1509	Biotite adamellite
SW NE 9-9N-33W	No.1 Melton Mast & Chieftan	9/4/61	3012	4533 4520	Cher.	-1508	Biotite adamellite
50 C NW SE 9-9N-33W	No.1 "A" Melton Mast & Chieftan	11/26/61	3050	4621 (4588) 4618	Cher.	-1538	Biotite adamellite
SE NW 9-9N-33W	No.1 "B" Melton Mast & Chieftan	2/4/62	3044	4620 (4566) 4610	Cher.	-1522	Biotite gneiss
C NE SE 9-9N-33W	No.2 "A" Melton Chieftan & Mast	5/25/62	3072	4655 (4610) 4642	Cher.	-1538	Gneissic biotite granodiorite
C SE SW 9-9N-33W	No.1 Melton W. V. Wade	4/28/59	3059	4570 (4561)	Cher.	-1502	No sample
C NE SE 10-9N-33W	No.1 Melton Donnell Drlg. Co.	6/29/61	3014	4527 4508	Cher.	-1494	Biotite adamellite
C SW NW 11-9N-33W	No.1 Melton A. G. Hill	11/1/63	3015	4534 (4520)	Cher.	-1505	*Granite
C SE NW 13-9N-33W	No.1 Melton D. G. Hamilton	8/9/62	3018	4587 (4540) 4570	Cher.	-1522	No sample

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
LINCOLN--Continued								
C NW NW 16-9N-33W	No.1 State Texon Royalty Co.	11/18/42	3095	4633	4625	Cher.	-1530	Biotite adamellite
C SE SE 16-9N-33W	No.1 State World Enterprises	9/8/64	3136	4681	(4655) 4670	Cher.	-1519	*Granitic gneiss
SW SE 19-9N-33W	No.1 Fulk Brit.-Am. Oil Prod.	5/6/65	3201	4840	(4770) 4818	Cher.	-1569	*Biotite granite
C SE NE 27-9N-33W	No.1 Moore Taubert & Steed et al.	5/16/63	3022	4620	(4548) 4586	Cher.	-1526	*Biotite adamellite
NW SW 31-9N-33W	No.1 O'Brian Willard C. Poole III	8/23/65	3245	4826	(4800) 4814	Cher.	-1555	*Biotite granite
IS C SE SE 31-9N-33W	No.1 Peterson Wm. D. Hewitt	2/1/63	3238	4829	(4760) 4810	Cher.	-1522	*Biotite adamellite
C NW SE 11-9N-34W	No.1 Clemens Skelly & Carlson	5/1/62	3131	4658	4651	Cher.	-1520	Gneissic biotite adamellite
SW NW 22-9N-34W	No.1 Baker Smith & Taylor	1/7/64	3263	4958	(4869) 4919	Cher.	-1606	*Biotite granite
C SE SE 24-9N-34W	No.1 Simmons Murfin & Ferguson	10/8/62	3187	4855	(4784) 4808	Cher.	-1597	*Gneissic granite
SE SW 36-9N-34W	No.B-1 State Cities Service Oil	3/30/65	3158	4790	(4736) 4787	Cher.	-1578	*Granite-syenite
C SE SE 36-9N-34W	No.1 State Poole & Mast	5/15/62	3177	4747	4730	Cher.	-1553	Biotite adamellite
C NE NW 12-10N-26W	No.1 Aden James R. Sharp	9/8/62	2827	3628	3617	Marm.	- 790	Granofels

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LINCOLN--Continued							
C NE SE 7-10N-27W	No.1 Sundstrom D. G. Hamilton	9/16/62	3007	4028	4012	Marm. -1005	Amphibole-biotite gneiss
SE SE 13-10N-27W	No.1 Stebbins M. W. Volentine	9/1/62	3004	4015	3990	Marm. - 986	Garnet-biotite schist
C NW SW 20-10N-29W	No.1 Votaw Burch Drlg.	9/8/62	2972	4220	(4100) 4148	Marm. -1128	Hornblende schist and biotite hornblende schist
C SW SW 11-10N-30W	No.1 Walker Western Petr. Co.	7/3/64	2915	4115	4066	Marm. -1151	*Biotite schist
C NW NW 30-10N-31W	No.1 Sellers Arvel C. Smith	5/2/63	3029	4352	4270	Marm. -1241	*Metasediment and quartzite
52 C SE SE SE 32-10N-31W	No.1 McDermott Wentworth Oil & Dev.	4/22/56	3008	4295	(4212) 4252	Marm. -1204	Quartzite
C NE SW 11-10N-32W	No.1 Griffiths J. C. Man, Jr.	10/13/61	3110	4430	(4390) 4427	Marm. -1280	Arkose
C SE SE 20-10N-32W	No.1 Ballard Sun Oil Co.	6/13/61	3170	4620	4536	Cher. -1366	No sample
SW NE 8-10N-33W	No.1 Whitlake Philip T. Sharples	6/18/65	3142	4835	(4735) 4820	Cher. -1593	*Gneissic granite
C NW NE 10-10N-33W	No.1 Fulk H. C. Arnold	10/25/63	3198	4648	(4550) 4624	Cher. -1352	*Muscovite schist (?)
C NE SE 11-10N-33W	No.1 LaVelle Skelly Oil Co.	5/16/62	3148	4496	(4400) 4460	Cher. -1252	Gneissic hornblende biotite granite
C NW SW 17-10N-34W	No.1 Rees D. G. Hamilton	7/31/62	3188	4749	4730	Cher. -1542	Quartzite

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LINCOLN--Continued							
C SE NE 22-10N-34W	No.1 Rees Stoepfelwerth Drlg.	8/5/65	3133	4795	(4690) 4720	Cher.	-1557 *Mica schist
C SE SW 33-10N-34W	No.1 Cline Skelly Oil Co.	4/15/62	3190	4845	(4800) 4832	Cher.	-1610 Gneissic biotite adamellite
SW NW 34-10N-34W	No.1 Adams Stoepfelwerth Drlg.	7/15/65	3134	4895	(4740) 4840	Cher.	-1606 *Granitic gneiss
C SW NW 22-11N-27W	No.1 Trimble James R. Sharp	9/17/62	2779	3638	3630	L-KC	- 851 Quartzite (?)
C NE NW 13-11N-28W	No.1 96 Ranches M. W. Volentine	5/30/62	2905	3832	3790	L-KC	- 885 Cataclastic gneiss
C SW SW 8-11N-30W	No.1 Boyle Pan Amer. Petr. Co.	9/9/63	3038	4167	(4127) 4140	Marm.	-1089 Granofels
SE SE 21-11N-31W	No.1 Reynolds H. & D. Drlg. & ECCA	5/26/61	3055	4293	(4238) 4280	Marm.	-1183 Cataclastic gneiss
C SE SE 8-11N-32W	No.1 Yonker Skelly Oil Co.	6/16/63	3133	4369	4340	Marm.	-1207 Meta silicic volcanic
C SE NE 14-11N-32W	No.1 Chamberlin V. M. Mann	1/15/57	3115 (DF)	4374	4369	Marm.	-1254 No sample
C NE NE 7-11N-33W	No.1 Simmons ECCA	6/29/61	3172	4769	(4710) 4750	Cher.	-1538 Cataclastic granitic gneiss
C NE SE 14-11N-33W	No.1 Swanson ECCA	6/17/61	3141	4605	(4550) 4573	Cher.	-1409 Mica schist
C NW 26-11N-34W	No.1 O'Connor Falcon-Seaboard Oil	10/30/41	3163	4839	(4813)	Cher.	-1650 Hornblende biotite gneiss

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
LINCOLN--Continued							
C NW NW 16-12N-26W	No.1 State Parker Drlg. Co.	12/26/42	2700	3521	3520	L-KC - 820	Biotite granodiorite
C NE SE 7-12N-29W	No.1 Diener V. L. Baker Drlg.	5/14/61	2954	3832	3806	Marm. - 852	Cataclastic granofels
C NW NW 23-12N-30W	No.1 Gamble Bros. Fisher & Parker	2/16/63	3048	3861	3800	L-KC - 752	No sample
C SE SW SE 25-12N-30W	No.1 Hite Paul B. Johnson	11/6/52	3020	3974	(3937) 3968	Marm. - 917	Muscovite schist
C NW NW 13-12N-33W	No.1 White D. G. Hamilton	8/17/62	3157	4593	(4540) 4580	Cher. -1383	Quartz diorite
C NE 8-12N-34W	No.1 Steck Oil Hunters, Inc.	10/31/52	3200	4736	4708	Cher. -1508	Biotite granodiorite
SE NE 11-13N-26W	No.1 Bergstrom D. G. Hamilton	8/29/62	3880	3763	(3690) 3718	L-KC - 810	*Meta basalt
SW SE 13-13N-27W	No.1 "B" Brestel Miami Oil Prod.	9/15/62	2889	3603	3577	L-KC - 688	Biotite quartz diorite
C NW SE 26-13N-31W	No.1 Carpenter D. G. Hamilton	9/4/62	3014	4041	(3996) 4012	Marm. - 982	Actinolite schist
C SE NW 26-13N-32W	No.1 Thompson E.L.K. Oil Co.	10/12/61	3047	4266	(4190) 4240	Marm. -1143	*Meta arenite
C NE NE 2-13N-33W	No.1 Koch D. G. Hamilton	8/25/62	2942	4345	4320	Marm. -1378	Actinolite schist
NE NW 32-14N-26W	No.1 "A" Bergstrom Miami Petr. Co.	9/5/62	2877	3758	(3663) 3698	L-KC - 786	Schist (?)

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
LINCOLN--Continued							
C SW NE 5-14N-32W	No.1 Hoatson Wallace Entr.	9/3/63	2914	4116	(4078) 4116	Marm.	-1164 No sample
C NW NW 28-14N-34W	No.1 Binegar Placid Oil Co.	12/16/62	3032	4579	(4490) 4560	Cher.	-1458 Gneissic granodiorite
C SW NW 26-15N-28W	No.1 Bailey Indiana Farm Bureau	5/12/62	2958	3830	(3718) 3755	L-KC	- 760 Cataclastic granite
C NW SW 28-15N-29W	No.1 "C" Meyer Ranch Miami Oil Co.	9/25/62	3023	3792	(3750) 3762	Marm.	- 727 Cataclastic mica schist
C SE NW 15-15N-31W	No.1 Haase-Halligan V. L. Baker	6/29/61	3138	3963	3948	Marm.	- 810 No sample
C SW NW 24-15N-31W	No.1-A Hansen Wood Oil Co.	4/38	3024	3830	3800	Marm.	- 776 Biotite gneiss
C SE SW 27-15N-31W	No.1 Wisner Time Petr. Co.	6/30/61	2932	3805	(3752) 3781	Marm.	- 820 *Granodiorite
C NE SW 23-15N-32W	No.1 Bortner Reco Oil & Gas	3/14/62	3054	3986	(3952) 3967	Marm.	- 898 Biotite granodiorite
C SE SE 1-15N-33W	No.1 Pederson Berry Mast Drlg.	9/6/61	3061	4289	4262	Marm.	-1201 Granofels
C SE SE 14-16N-26W	No.1 Lucas Placid Oil Co.	3/31/62	2864	3862	3840	Marm.	- 976 Meta basalt
C NW SE 26-16N-27W	No.1 Pearce D. G. Hamilton	10/14/62	2996	3910	(3888) 3908	Marm.	- 892 Argillite
C SE SE 28-16N-29W	No.1 Bayne Placid Oil Co.	4/10/62	3015	3871	(3830) 3858	L-KC	- 815 Hornblende schist

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
LINCOLN--Continued							
C NE NE 29-16N-31W	No.1 Studley D. G. Hamilton	11/10/62	3063	3943	3918	Marm. - 855	Granite
LOGAN							
C NE NE 26-17N-28W	No.1 Wells D. G. Hamilton	10/5/62	3022	3855	3840	Marm. - 818	Biotite gneiss
C NW NW 8-17N-29W	No.1 Barner D. G. Hamilton	9/29/62	3044	3906	3896	L-KC - 852	Biotite gneiss
C NE NE SW 13-18N-27W	No.1 Mildale W.C. O'Farrell & Co.	9/5/53	2841	3837	(3758) 3800	Marm. - 917	*Schist
C NE NE 1-18N-28W	No.1 Baskin Cosden Pet. Co.	8/26/52	2980	3935	3908	Marm. - 928	Biotite hornblende granodiorite
56 C SW NW 30-18N-28W	No.1 Wilcox et al. Placid Oil Co.	4/18/62	3080	4003	3950	Marm. - 870	*Biotite gneiss
C SE SW SE 36-18N-28W	No.1 Perry Cope & Smith	6/25/50	2900	3794	(3750) 3773	Marm. - 850	Biotite adamellite
C SE SE 18-19N-26W	No.1 Britton Jones, Sheib. & Farm.	11/29/55	2930	3866	(3840) 3862	Marm. - 910	Biotite adamellite
C NW NE 15-19N-28W	No.1 Lanka Placid Oil Co.	3/4/62	3003	4020	4014	Marm. -1011	Granofels and granite (?)
C SE NE 33-19N-29W	No.1 Kramer Placid Oil Co.	3/17/62	3082	4070	4050	L-KC - 968	Leucoadamellite
LOUP							
NW SE 32-22N-17W	No.1 Peterson H. L. Hunt	11/20/61	2391	3570	(3541) 3558	Camb. -1150	Hornblende schist
NW SE 26-22N-19W	No.1 Hawthorne H. L. Hunt	11/27/61	2392	3496	3472	Camb. -1080	Layered hornblende gneiss

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
LOUP--Continued								
C SE NW 29-23N-17W	No.1 Schrup H. L. Hunt	12/9/61	2329	3199	3128	Camb.	- 799	Layered muscovite-bio- tite gneiss & schist
C SE SE 14-23N-19W	No.1 Goos H. L. Hunt	1/6/62	2412	3161	3139	Camb.	- 727	Biotite gneiss
C NE NE 8-24N-18W	No.1 Snyder H. L. Hunt	1/28/62	2420	3204	3190	Camb?	- 770	Leucogranite
NW NW NW 13-24N-18W	No.1 Nichols S. D. Johnson	6/16/52	2415	3198	3150	Camb.	- 735	No sample
C NE NW 26-24N-19W	No.1 Satterfield H. L. Hunt	2/5/62	2352	3120	(3065) 3107	Camb.	- 713	Quartz-feldspar gneiss
McPHERSON								
57 C NW NW 5-17N-33W	No.2 Ellery Placid Oil Co.	12/28/62	3272	4477	4446	Marm.	-1174	Biotite gneiss
C SE SW 33-17N-33W	No.1 Pierson Volentine & Sharp	2/14/62	3169	4380	(4312) 4358	Marm.	-1143	Hornblende schist
C SW SE 14-17N-34W	No.1 Ellery Placid Oil Co.	4/13/62	3293	4557	4522	Marm.	-1229	Biotite gneiss
SE SE 21-17N-34W	No.1 Morgan Placid Oil Co.	2/24/64	3289	4646	(4620) 4640	Marm.	-1331	*Schist (?)
C SW SW 20-17N-35W	No.1 McLain D. G. Hamilton	10/24/62	3436	4810	4806	Marm.	-1370	Biotite hornblende quartz diorite
C SW SW 5-18N-30W	No.1 Winters Placid Oil Co.	3/23/62	3225	4101	4095	L-KC	- 870	No sample
C NW NW NE 21-18N-32W	No.1 Doyle Ohio Oil Co.	4/21/53	3255	4118	4110	Marm.	- 855	Biotite gneiss

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
McPHERSON--Continued								
C SE SE 15-18N-33W	No.1 Star et ux. Placid Oil Co.	4/24/62	3267	4348	4336	Marm.	-1069	Pyroxene hornblende gneiss
C SE SE 17-18N-34W	No.1 T-Lazy T Ranch Brit.-Am. Oil Prod.	12/16/61	3464	4792	(4735) 4765	Marm.	-1271	Anorthositic gabbro
C SW SE 15-19N-31W	No.1 Connell Placid Oil Co.	4/1/62	3248	4229	4208	L-KC	- 960	Gneissic muscovite biotite adamellite
C SE SE SE 25-19N-33W	No.1 Pinkerton N. B. Hunt	10/30/53	3317	4374	4240	Marm.	- 922	Biotite schist
C SE SE 13-19N-34W	No.1 Huffman Placid Oil Co.	5/14/62	3377	4524	4460	Marm.	-1083	Hornblende schist
58 C SE SE 12-20N-32W	No.1 Neal Reliance Trust	4/20/62	3346	4528	(4460) 4477	Marm.	-1114	*Schist
NW NE 11-20N-33W	No.1 Connell Pan Am. Petr. Corp.	4/19/63	3431	4176	4160	Marm.	- 729	Cataclastic gneiss
C NW NW 15-20N-33W	No.1 Moore Texota Oil Co.	4/15/64	3413	4319	4263	Marm.	- 850	*Gneissic adamellite
C SW SW 17-20N-33W	No.1 Huffman Placid Oil Co.	5/3/62	3469	4506	4430	Marm.	- 961	Biotite hornblende gneiss
MERRICK								
C NW SW 11-15N-6W	No.1 Pullen J. E. Palensky	6/25/61	1690	3172	3169	Camb.	-1479	Biotite adamellite
MORRILL								
C SE SE 27-19N-52W	No.1 Rice Shell Oil Co.	10/31/56	3892	6917	6914	Cher.	-3022	Chlorite biotite granite
C NW NE 25-21N-47W	No.2 Swan Lake Phillips Petr. Co.	5/15/62	3965	5997	5990	Cher.	-2025	No sample

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
MORRILL--Continued							
SE NW SE 1-21N-49W	No.1 Dove Sohio Pet. Co.	8/17/51	4111	6312	6300	Cher.	-2189 Biotite hornblende schist
C NW SW 27-23N-49W	No.1 Hall Ryan Consol. Petr.	3/6/62	4169	6127	(6075) 6110	Cher.	-1906 Muscovite biotite adamellite
NANCE							
C SW NW 34-16N-6W	No.1 Francis B & P Development	5/1/64	1661	3124	3120	Camb.	-1459 Biotite leucoadamellite
NEMAHA							
C NW NE 7-5N-13E	No.1 Casey J.E. Palensky et al.	9/24/41	1165	3305	3302	Ord.	-2137 Granite
C E/2 SE SW 21-6N-13E	No.1 Beason M. J. Sullivan	10/30/42	1058	3026	3015	Ord.	-1957 Granite
C SE NE NE 34-6N-15E	No.1 Snyder Gulf Oil Corp.	8/17/42	942	3515	3500	Camb.	-2558 Granite
OTOE							
NE NE NE 3-7N-9E	No.1 Sunflower Parker Petr. Co.	8/13/41	1260	2126	2110	Ord.	- 850 Altered basalt
SW SW SW 11-7N-10E	No.1 Strat.(Cameron) Stanolind O. & G.	7/18/43	1175	2378	1795	Ord.	- 620 Arkosic quartzite and argillite
SE SE NE 22-7N-11E	No.2 Strat. (Hopp) Stanolind O. & G.	7/7/43	1031	1332	1323	Ord.	- 292 Muscovite biotite gneiss
C N/2 NW NE 21-7N-12E	No.1 Wendlin Woodward & Warren	5/28/44	1005	1158	1144	Ord.	- 139 Foliated granodiorite
C NE SW NW 25-7N-12E	No.1 Ritter J. H. O'Connor	2/16/43	987	2532	2529	Ord.	-1542 No sample

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OTOE--Continued							
+C SW SW 7-8N-9E	No.1 Maahs General Expl. Co.	1951	1270	1863	1863	Ord.	- 593 Altered basalt
SW SW SW 1-8N-10E	No.1 Reitsch Harvey Risk	7/28/41	1115	1839	1800	Ord.	- 685 Altered basalt
C NW SW 10-8N-14E	No.1 Brick Plant Ingersol Bros.	1912	932 (DF)	2950	2847	Ord.	-1915 Clastic sedimentary rock
SE SE SE 3-9N-12E	No.10 Strat.(Strout) Stanolind O. & G.	3/5/44	1172	1171	1148	Ord.	+ 24 Altered basalt
SE SE SE 7-9N-12E	No.11 Strat.(Schutz) Stanolind O. & G.	4/28/44	1238	1634	1630	Ord.	- 392 *Arkose
PAWNEE							
NW NW SE 25-1N-9E	No.1 Howey O. F. Prah1	5/26/64	1521	1180	1160	L-KC	+ 360 *Gneissic granite
NE NW NW 4-1N-10E	No.1 Wilson Henry Blazer	12/38	1343 (DF)	925	899	L-KC	+ 444 No sample
NE SE NE 31-1N-10E	No.1 Loch Prah1 & Tiller	4/16/64	1494	1200	1093	L-KC	+ 401 Foliated hornblende biotite adamellite
C SW SW SE 13-1N-12E	No.1 Pesek Pieper et al.	7/10/43	1005+ (DF)	585	512	L-KC	+ 493 Gneissic biotite adamellite
SE SE SE 13-1N-12E	No.1 Rohlmier B. E. Thorne	8/17/42	995+ -	555	502	L-KC	+ 493 Gneissic muscovite biotite adamellite
WL E/2 SE 25-1N-12E	No.1 Church C.R.I.P. Railroad	1887	1027 (DF)	565	532	L-KC	+ 495 No sample
C NW SE SE 28-1N-12E	No.1 Farwell Calhoun & Levi	5/4/53	1101 (DF)	626	610	L-KC	+ 491 No sample

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
PAWNEE--Continued								
SE SW SW 34-2N-10E	No.1 Small Herbert Droge et al.	12/10/38	1353 (DF)	880	871	L-KC	+ 482	Leucogranite over quartz diorite
C SE NW 12-2N-11E	No.1 Clark Hurst	1917	1087 (GL)	762	750	L-KC	+ 337	No sample
C SW NE NW 15-2N-12E	No.1 Blecha Earl A. Emal	1957	1093	652	605	L-KC	+ 488	Hornblende biotite granodiorite
C SE NE SE 17-2N-12E	No.1 Covault Earl Emal	4/23/58	1209 (GL)	725	725	L-KC	+ 484	No sample
NW SE 26-2N-12E	No.1 "A" Hunzeker W. M. Edwards	12/30/64	1173	765	(690) 720	Marm.	+ 483	Leucogranite
19 SW SW SW 13-3N-9E	No.1 Schuster Cities Service Petr.	12/21/59	1435	1550	1547	Ord.	- 112	*Gneiss
C NW NE 31-3N-11E	No.1 Bernadt Black Gold Oper. Co.	11/27/50	1198	735	675	L-KC	+ 523	Gneissic quartz diorite
C NE NE 14-3N-12E	No.1 Dahlke J. E. Palensky et al.	11/10/40	1161	740	665	L-KC	+ 496	*Mylonitic granite
C NE NE 29-3N-12E	No.1 Miller James Hurst	1/11/18	1033 (GL)	1500	585	L-KC	+ 448	No sample
PERKINS								
C NE SW 5-9N-35W	No.3 Madrid Strat. Phillips Petr. Co.	11/20/61	3310	4966	(4938) 4961	Cher.	-1628	Gneissic biotite adamellite
C SE NE 6-9N-36W	No.4 Madrid Strat. Phillips Petr. Co.	12/7/61	3280	5025	(4950) 4970	Cher.	-1670	Biotite adamellite
C NW SE 28-9N-37W	No.1 Madrid Strat. Phillips Petr. Co.	10/20/61	3289	5055	5014	Cher.	-1725	Biotite schist and leucoadamellite

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
PERKINS--Continued								
C NW NE 7-10N-35W	No.5 Madrid Strat. Phillips Petr. Co.	12/23/61	3351	5082	4880	Cher.	-1529	Quartzite over cata- clastic granofels
C NE SE 23-10N-35W	No.1 Sellers Pan Amer. Petr.	3/23/62	3227	4588	4580	Marm.	-1353	Quartzite
C SW SE 6-10N-36W	No.6 Madrid Strat. Phillips Petr. Co.	1/16/62	3326	5066	(4976) 5050	Cher.	-1650	Quartzite
C SE SE SE 9-10N-36W	No.8 "A" Strat. Carter Oil Co.	12/17/41	3340	4869	4855	Cher.	-1515	Quartzite
C SE NW 19-10N-37W	No.2 Madrid Strat. Phillips Petr. Co.	11/4/61	3347	5125	5108	Cher.	-1761	Granofels
62 C NW NW SW 16-10N-39W	No.1 State Ohio Oil Co.	7/22/50	3473	5345	5335	Cher.	-1862	Quartzite over gneissic adamellite
C NW NW SE 23-10N-39W	No.1 Sejkora Ohio Oil Co.	7/18/51	3412	5218	5200	Cher.	-1788	Hornblende biotite gneiss
C SE NW 12-11N-35W	No.1 Law D. G. Hamilton	7/21/62	3215	4783	4760	Cher.	-1545	Biotite gneiss
C NW NE 4-11N-39W	No.1 Richter D. G. Hamilton	7/9/62	3446	5153	(5129) 5152	Cher.	-1683	No sample
C NW NE 22-11N-39W	No.1 Nichols Co. Pan Amer. Petr.	4/10/62	3434	5063	5050	Cher.	-1616	Quartzite
C NW NW 28-11N-39W	No.1 Nichols Co. D. G. Hamilton	6/27/62	3463	5285	(5180) 5210	Cher.	-1717	*Quartzite over granofels
C NW SE 19-12N-36W	No.1 Perlinger Pan Amer. Petr.	10/17/61	3362	4893	(4820) 4870	Cher.	-1458	Quartzite

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PERKINS--Continued							
C SE SE SE 33-12N-37W	No.1 Breder Jones, Shelb.& Farm.	2/25/56	3300	4957	4911	Cher.	-1611 Quartzite
PHELPS							
C NW SE 5-5N-20W	No.33-5 Ehlers Superior Oil Co.	9/21/60	2366	4072	4065	Camb.	-1699 No sample
C NE NW SW 13-6N-18W	No.1 Kline Pure Oil Co.	8/18/53	2310	4323	4312	Camb.	-2002 Gneissic biotite adamellite
C SW 23-6N-19W	No.1 Bergman Trees Petr. Co.	8/27/31	2345 (DF)	5678	4525	Camb.	-2180 Biotite schist
C NW SW 26-6N-20W	No.1 Tootle-Johnson Allardyce Petr. Corp.	10/21/61	2242	4285	4283	Camb.	-2041 Meta quartz latite porphyry
5 C SE NE 15-7N-17W	No.1 Just Frank Frawley	6/18/62	2242	4528	4520	Camb.	-2278 No sample
NE SE SE 15-7N-20W	No.10 Strat. Carter Oil Co.	3/12/42	2488	3880	3853	Marm.	-1365 Biotite quartz diorite
C NE NW 17-8N-19W	No.1 Cedarblade Bond Oil Corp.	10/13/61	2300	4071	4070	Camb.	-1770 Quartzite
POLK							
C SE NW 9-13N-3W	No.22-9 Sundberg Superior Oil Co.	1/16/61	1670	3113	3111	Camb.	-1441 Hornblende schist
C SW SW 36-16N-1W	No.1 Brigham W & M Oil Co.	10/23/53	1506	2647	2637	Camb.	-1131 Pegmatite
RED WILLOW							
C SE NE 1-1N-26W	No.1 Leopold Cabot Corp.	8/7/63	2342	3415 (3380) 3400		Marm.	-1038 *Quartz diorite

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
C SE NE 5-1N-26W	No.1 Ingram Murfin Drlg. Co.	4/20/60	2487	3588	(3525) 3578	Marm.	-1038	Biotite granite
SE SW 5-1N-26W	No.1 Martin K & E Drlg. Inc.	4/23/61	2472	3530	(3508) 3525	Marm.	-1036	Foliated biotite granite
C NE NW 6-1N-26W	No.1 Haag Mast Drlg. & Bale	12/30/61	2533	3636	(3550) 3636	Marm.	-1017	Foliated biotite granodiorite
C SW NW 6-1N-26W	No.2 Haag C.R. Bale & Strain	9/21/62	2494	3590	(3510) 3578	Marm.	-1020	Undescribed
C NW NE 6-1N-26W	No.1 "C" Kilzer Burch Expl.	12/12/62	2533	3633	(3540) 3620	Marm.	-1007	Undescribed
64 C SW NE 6-1N-26W	No.2 "C" Kilzer Burch Expl.	12/29/62	2527	3610	(3550) 3590	Marm.	-1023	Undescribed
C NE NE 6-1N-26W	No.3 "C" Kilzer Burch Expl.	2/2/63	2518	3600	(3550) 3585	Marm.	-1032	Undescribed
C SW NE 7-1N-26W	No.1 Steinmetz Burch Expl.	12/4/63	2457	3519	(3486) 3496	Marm.	-1029	*Biotite adamellite
C NW NW 10-1N-26W	No.1 Lomax W. H. Gaddis	11/17/63	2459	3561	(3528) 3552	Marm.	-1069	*Biotite adamellite
C NE NE 11-1N-26W	No.1 Grafton Airway & Interstate	6/2/61	2350	3420	3408	Marm.	-1058	Biotite hornblende adamellite
C SW SW 12-1N-26W	No.1 Boyd Tipps Drlg. Co.	1/7/61	2495	3568	3563	Marm.	-1068	Gneissic biotite hornblende adamellite
SE NW 21-1N-26W	No.1 Townsend Sauvage Drlg. Co.	8/9/61	2481	3600	3581 (R)	Marm.	-1100	Biotite granite

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec. Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
C NW NW NW 21-1N-26W	No.1 Townsend Vicron Oil & Gas	5/2/27	2464	3549	3545	Marm.	-1081	Biotite leucogranite
C NE NW 23-1N-26W	No.1 Taylor Brinkerhoff Drlg.	9/3/61	2501	3610	(3574) 3593	Marm.	-1073	Biotite granite
C NE SE 29-1N-26W	No.1 Lomax H. M. Carter	8/25/61	2524	3641	3614	Marm.	-1090	Leucoadamellite
C SW NW 31-1N-26W	No.1 Warner Burch Expl.	12/13/63	2584	3672	(3628) 3668	Marm.	-1044	*Biotite granite
C SE NE 34-1N-26W	No.1 Warner Sauvage Drlg. Co.	8/9/61	2528	3630	3615 (R)	Marm.	-1087	No sample
65 C SE NW 35-1N-26W	No.1 Kilzer Sauvage Drlg. Co.	7/5/61	2560	3640	3635	Marm.	-1075	No sample
C SW NE 1-1N-27W	No.1 Gay Burch Drlg.	6/15/62	2504	3564	(3520) 3530	Marm.	-1016	Quartz syenite
C SE NW 1-1N-27W	No.1 Thomas Tenneco Oil Co.	12/7/62	2458	3528	(3482) 3500	Marm.	-1024	Undescribed
C SE SW 2-1N-27W	No.1 Harris Burch Drlg.	6/4/60	2519	3560	(3530) 3554	Marm.	-1011	Leucogranite
C NE NE 3-1N-27W	No.1 Breach Ben J. Taylor	1/6/64	2571	3634	(3575) 3590	Marm.	-1004	Undescribed
NE NW 3-1N-27W	No.1 Kircher Frontier Ref.	4/29/65	2578	3595	3577	Marm.	- 999	Undescribed
C SW SE 3-1N-27W	No.1 Lueke Ben J. Taylor	4/27/64	2543	3577	3561	Marm.	-1018	Undescribed

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLow--Continued								
C NW SE 3-1N-27W	No.2 Lueke Ben J. Taylor	5/18/64	2549	3593	(3573) 3590	Marm.	-1024	*Gneissic granite
SE SW 3-1N-27W	No.1 Remington Ben J. Taylor	9/14/64	2516	3553	3542	Marm.	-1026	Undescribed
SE NE 4-1N-27W	No.1 Leibrandt Ben J. Taylor	11/22/65	2486	3521	(3486) 3502	Marm.	-1000	*Adamellite
C SW SW 5-1N-27W	No.1 Hindman Nebr. Drlrs. Inc.	1/18/61	2555	3615	(3568) 3600	Marm.	-1013	Leucoadamellite
C SE SW 7-1N-27W	No.1 Kuper Burch Drlg.	6/3/61	2534	3613	3580	Marm.	-1046	Biotite granite
99 C NE NW 7-1N-27W	No.2 Kuper Burch Drlg.	12/12/61	2583	3735	(3618) 3628	Marm.	-1035	Muscovite biotite adamellite
C SW NE 10-1N-27W	No.1 McBride Burch Expl.& Morris	9/26/63	2494	3579	3556	Marm.	-1062	*Biotite granite
C NE NW 10-1N-27W	No.1-"B" McBride Burch Expl.& Morris	12/30/63	2502	3561	3535	Marm.	-1033	Undescribed
SE NE 10-1N-27W	No.2 McBride Burch Expl.& Morris	11/3/63	2506	3538	3528	Marm.	-1022	Undescribed
NW NE 10-1N-27W	No.3 McBride Burch Expl.& Morris	11/20/63	2523	3582	(3552) 3566	Marm.	-1029	Undescribed
C NE SE 10-1N-27W	No.1 Messner Burch Expl.& Morris	4/30/63	2455	3492	3483	Marm.	-1028	Undescribed
C NE SW 10-1N-27W	No.1-"B" Messner Burch Expl.& Morris	11/24/64	2439	3492	3480	Marm.	-1041	Undescribed

Location County, Sec. & Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian	Rock Type
RED WILLOW--Continued									
C NW SE 10-1N-27W	No.2 Messner Burch Expl. & Morris	11/6/63	2455	3488	3482	Marm.	-1027	Undescribed	
SW NW 11-1N-27W	No.1 Harris Ben J. Taylor	11/17/63	2500	3531	(3510)	Marm.	-1010	No sample	
C NW SW 11-1N-27W	No.1 Walters Ben J. Taylor	10/17/63	2464	3510	(3480) 3496	Marm.	-1016	*Biotite adamellite	
C SE NE 13-1N-27W	No.1 Halsey Far-West Trading Co.	3/8/61	2411	3520	3500	Marm.	-1089	*Biotite adamellite	
C SW SW 14-1N-27W	No.1 Poole Frontier Ref. Co.	7/20/61	2480	3535	(3480) 3522	Marm.	-1000	No sample	
67 C SE SE 15-1N-27W	No.1 Sullivan Texaco Inc.	10/21/61	2546	3612	(3550) 3600	Marm.	-1004	Undescribed	
C NW SE 15-1N-27W	No.2 Sullivan Texaco Inc.	4/6/62	2487	3547	(3510) 3520	Marm.	-1023	Undescribed	
C SW SE 15-1N-27W	No.1 Thomas Burch Expl.	1/8/62	2499	3550	(3520) 3538	Marm.	-1021	Adamellite	
C SE SE 16-1N-27W	No.1 Remington Continental Oil	6/16/61	2520	3605	(3572) 3600	Marm.	-1052	Biotite granite	
C SE NW 17-1N-27W	No.1 Morgan Burch Drlg.	7/17/60	2449	3548	(3512)	Marm.	-1063	Biotite adamellite	
C SE NE 22-1N-27W	No.1 Springer K & E Drlg. Inc.	2/9/62	2547	3450	3546	Marm.	- 999	Muscovite biotite adamellite	
C SW NE 22-1N-27W	No.2 Springer K & E Drlg. Inc.	2/25/62	2460	3519	3466	Marm.	-1006	Biotite adamellite	

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLow--Continued								
C NE SE 22-1N-27W	No.1 Springer Sterling Drlg. Co.	9/2/62	2566	3623	3572	Marm.	-1006	Undescribed
C NW SE 22-1N-27W	No.2 Springer Ballard,Cordell,Sterl.	10/19/62	2539	3588	3546	Marm.	-1007	Undescribed
C SE SE 22-1N-27W	No.3 Springer Sterling Drlg. Co.	2/19/63	2529	3556	3522	Marm.	- 993	Undescribed
C SW SE 22-1N-27W	No.4 Springer Sterling Drlg. Co.	7/18/63	2550	3581	3566	Marm.	-1016	Undescribed
NE NE 22-1N-27W	No.41-22 Springer Superior Oil Co.	6/1/61	2556	3603	(3550) 3570	Marm.	- 994	Biotite adamellite
89 C NW NE 22-1N-27W	No.3 Springer Texaco Inc.	7/14/62	2508	3542	3520	Marm.	-1012	No sample
C SE SW 22-1N-27W	No.3 "A" Thomas Cities Service	1/11/64	2533	3600	(3546) 3586	Marm.	-1013	*Cataclastic biotite adamellite
C NW SE 23-1N-27W	No.1 Axtel Texaco Inc.	11/9/61	2526	3610	(3555) 3601	Marm.	-1029	Cataclastic biotite adamellite
C NE SW 23-1N-27W	No.1-"A" Axtel Texaco Inc.	11/14/61	2550	3610	(3582)	Marm.	-1032	Undescribed
C SE NW 23-1N-27W	No.1 Boyd Franco-Western	3/11/62	2529	3560	3544	Marm.	-1015	Leucogranite
C NW NW 23-1N-27W	No.1 Boyd K & E Drlg. Inc.	3/18/61	2503	3534	3504	Marm.	-1001	Biotite adamellite
C SW NW 23-1N-27W	No.2 Boyd Texaco Inc.	11/10/61	2537	3590	(3541) 3588	Marm.	-1004	Leucogranite

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
C NW SW 23-1N-27W	No.1 Sullivan Texaco Inc.	4/1/62	2565	3612	3578	Marm.	-1013	No sample
C SW SW 23-1N-27W	No.2 Sullivan Texaco Inc.	4/11/62	2586	3617	3608	Marm.	-1022	No sample
C NW NW SE 25-1N-27W	No.1 Townsend Sauvage & Dunn Drlg.	8/12/56	2532	3597	(3558) 3585	Marm.	-1026	Granite
C NE NE 27-1N-27W	No.1 "A" Thomas Cities Service Oil	5/26/63	2584	3628	(3600) 3622	Marm.	-1016	Undescribed
SW NE 27-1N-27W	No.2 "A" Thomas Cities Service Oil	7/15/63	2523	3583	(3528) 3570	Marm.	-1005	*Biotite hornblende adamellite
69 C NW NE 33-1N-27W	No.1 Martin Christie-Stewart	7/21/62	2553	3616	(3585) 3608	Marm.	-1032	Adamellite
C NW NW NW 33-1N-27W	No.1 Moyer Kay Oil Co.	9/19/54	2546	3634	(3610)	Marm.	-1064	Granite (?)
C SE NW 34-1N-27W	No.1 Osborn John O. Farmer Inc.	3/20/65	2605	3659	(3604) 3636	Marm.	- 999	No sample
C SE SW SE 36-1N-27W	No.1 Warner Great Basins Pet.Co.	4/16/57	2624	3662	(3650) 3658	Marm.	-1026	Biotite granite
C SW SW 1-1N-28W	No.1 Poole Keith Walker	7/12/62	2628	3630	3620	Marm.	- 992	No sample
C NE NE 2-1N-28W	No.1 Ryan Frontier Refg. Co.	9/10/61	2666	3668	(3637) 3652	Marm.	- 971	Biotite granite (?)
C NW SW 3-1N-28W	No.1 Reiners K & E Drlg. Inc.	11/13/60	2658	3713	3704	Marm.	-1046	Biotite granite

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
C SW SW 8-1N-28W	No.1 Nieweg Walter Duncan	9/28/61	2664	3856	(3807) 3843	Cher.	-1143	Undescribed
C NE NW 12-1N-28W	No.1 "B" Bastian K & E Drlg. Inc.	6/24/61	2601	3632	(3590) 3620	Marm.	- 989	Biotite granite
C NW NE 12-1N-28W	No.1 Cantrall Burch Drlg.	11/6/61	2613	3630	3599	Marm.	- 986	Undescribed
C NW SE 13-1N-28W	No.1 Gallatin Geochemical Surveys	1/23/62	2498	3555	(3520) 3540	Marm.	-1022	Biotite granite
C NE SW 19-1N-28W	No.1 Musgrove A. J. Hickerson	3/31/61	2572	3935	3900	Camb.	-1328	Biotite granite
70 C NW SE 20-1N-28W	No.1 Martin Strata Oil Co.	5/16/61	2624	3886	3855	Camb.	-1231	No sample
C NW NW SW 24-1N-28W	No.1 Gallatin M. W. Volentine	8/13/57	2483	3537	(3510) 3535	Marm.	-1027	Biotite granite
C SW NE 25-1N-28W	No.1 Young Frontier Refg. Co.	9/17/61	2497	3625	(3573) 3612	Cher.	-1076	Biotite granite
C SE NW 26-1N-28W	No.1 Ashton Alpine Oil Co.	11/28/60	2475	3623	(3568) 3610	Marm.	-1093	Hornblende biotite granite
C NE NE 36-1N-28W	No.1 State K & E Drlg. Inc.	5/10/61	2593	3813	(3755) 3800	Cher.	-1162	Biotite granite
C NW SE 6-1N-29W	No.1 Geihslar K & E Drlg. Inc.	9/29/61	2657	4233	(4199) 4230	Camb.	-1542	Leucogranite
C NE NE NE 14-1N-29W	No.1 Campbell M. P. Gilbert	10/7/56	2718	4064	4052	Camb.	-1334	Gneissic hornblende biotite adamellite

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued							
C NW NE SW 18-1N-29W	No.1 Wilhelm M. P. Gilbert	8/5/66	2757	4368	4339	Camb.	-1582 Gneissic biotite hornblende granite
C NW NW 21-1N-29W	No.1 Lofton Burch Drlg.	10/28/60	2718	4288	4272	Camb.	-1554 Foliated biotite hornblende granite
C SE SE NE 27-1N-29W	No.1 Randel Joe Rothmeier et al.	9/24/54	2712	4210	4190	Camb.	-1478 No sample
C NW NW 34-1N-29W	No.1 Messinger Sauvage Drlg.	4/17/60	2692	4243	(4212) 4220	Camb.	-1520 No sample
C SW SW 2-1N-30W	No.1 Longnecker Christie-Stewart	7/13/62	2713	4337	4321	Camb.	-1608 No sample
71 C NW NW 13-1N-30W	No.1 Goeltl Leben Drlg. Inc.	6/11/60	2720	4341	(4300) 4332	Camb.	-1580 Leucoadamellite
C NW SW NW 21-1N-30W	No.1 Leitner M. W. Volentine	6/11/59	2860	4568	(4525) 4564	Camb.	-1665 Biotite-hornblende granite
C SE NW 23-1N-30W	No.1 Hawkins Graybol Oil Corp.	7/22/63	2822	4484	(4449) 4462	Camb.	-1626 *Quartz diorite
C SW SW 1-2N-26W	No.1 Ruf K & E Drlg. Inc.	2/25/61	2510	3580	(3464) 3564	Marm.	- 954 Foliated hornblende biotite granite
C SW NE 2-2N-26W	No.1 Warner Platte Valley Oil	7/14/63	2490	3453	3423	Marm.	- 933 *Quartz diorite
C SE SW 3-2N-26W	No.1 Sughrove J. C. Man Jr.	11/8/61	2493	3463	3428	Marm.	- 935 Biotite hornblende granite
C NE SE 6-2N-26W	No.1 Moore Woody et al.	8/11/61	2475	3520	(3465) 3509	Marm.	- 990 *Biotite granite

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian	Rock Type
RED WILLOW--Continued									
C SW SW 7-2N-26W	No.10 Harsch Texaco Inc.	8/20/61	2516	3515	3502	Marm.	- 986	Undescribed	
C SE SW 7-2N-26W	No.13 Harsch Texaco Inc.	12/9/61	2502	3543	(3500) 3523	Marm.	- 998	No sample	
C SW SE 7-2N-26W	No.15 Harsch Texaco Inc.	2/11/62	5234	3585	(3552) 3570	Marm.	-1018	No sample	
C SE SE 7-2N-26W	No.16 Harsch Texaco Inc.	2/16/62	2558	3616	(3566) 3608	Marm.	-1008	No sample	
C NE SW 7-2N-26W	No.21 Harsch Texaco Inc.	7/5/62	2471	3488	3462	Marm.	- 991	No sample	
72 C SE NW 7-2N-26W	No.2 Troester Sunray DX	11/19/62	2474	3550	(3478) 3518	Marm.	-1004	Undescribed	
NW SW 7-2N-26W	No.23 Harsch Texaco Inc.	7/6/62	2506	3503	3493	Marm.	- 987	No sample	
NE SE 7-2N-26W	No.27 Harsch Texaco Inc.	11/24/62	2538	3625	(3542) 3608	Marm.	-1004	No sample	
NW SE 7-2N-26W	No.28 Harsch Texaco Inc.	1/9/63	2498	3541	(3500) 3519	Marm.	-1002	No sample	
C SW NE 7-2N-26W	No.1 Troester Sunray Mid-Cont.	6/3/61	2537	3610	(3546) 3602	Marm.	-1009	Granite	
C NW SE 8-2N-26W	No.1 Harsch Murfin Drlg. Co.	1/27/63	2511	3563	(3510) 3557	Marm.	- 999	No sample	
C SW NE 8-2N-26W	No.1 Schaffert Poindexter & Leslie	12/4/62	2462	3517	(3476) 3505	Marm.	-1014	No sample	

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
C SE NW 8-2N-26W	No.1 Troester Tennessee Gas Trans.	8/27/60	2518	3556	(3514)	Marm.	- 996	Hornblende biotite granite
C SW SW 8-2N-26W	No.2 Troester Tenneco Oil Co.	8/15/62	2546	3625	(3558) 3588	Marm.	-1012	Hornblende biotite granite
C SE SW 8-2N-26W	No.3 Troester Tenneco Oil Co.	9/8/62	2492	3575	(3502) 3560	Marm.	-1010	Biotite granite
C NE SW 8-2N-26W	No.4 Troester Tenneco Oil Co.	9/16/63	2509	3550	(3505) 3530	Marm.	- 996	Hornblende biotite granite
C NW SW 8-2N-26W	No.5 Troester Tenneco Oil Co.	10/12/62	2529	3540	3525	Marm.	- 996	Undescribed
73 SW NW 8-2N-26W	No.6 Troester Tenneco Oil Co.	12/10/62	2506	3576	(3518) 3570	Marm.	-1012	No sample
NW NW 8-2N-26W	No.7 Troester Tenneco Oil Co.	1/14/63	2500	3517	3493	Marm.	- 993	No sample
C SW SW 9-2N-26W	No.1 McMahon Burch Expl.	10/8/64	2516	3602	(3512) 3589	Marm.	- 996	*Biotite granite
C SE SE 13-2N-26W	No.1 Lemaster Plymouth Oil Co.	10/28/60	2500	3547	(3513)	Marm.	-1013	No sample
C NE NE 15-2N-26W	No.1 McMahon W. Duncan	12/22/62	2544	3561	(3522) 3550	Marm.	- 978	*Cataclastic granite
C SW SE 15-2N-26W	No.1 Sammons Simcox Oil Co.	10/28/63	2454	3500	(3456) 3493	Marm.	-1002	*Biotite adamellite
C NW SW 16-2N-26W	No.1 Sinclair-State J. R. Lewis et al.	7/5/61	2486	3587	(3505)	Marm.	-1019	No sample

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued SW SE No.1 Burton 17-2N-26W D. G. Hansen	9/18/62	2579	3600	(3590)	Marm.	-1011	Undescribed
C SW NE No.1 Harsch 17-2N-26W J. M. Huber Corp.	8/14/62	2568	3628	(3590)	Marm.	-1022	Granite (?)
C NW NE No.1 "B" Harsch 17-2N-26W Murfin Drlg. Co.	6/19/63	2555	3585	(3560)	Marm.	-1005	Undescribed
SW NW No.17 Harsch 17-2N-26W Texaco Inc.	3/4/62	2558	3589	(3560)	Marm.	-1002	No sample
C NW SW No.18 Harsch 17-2N-26W Texaco Inc.	3/6/62	2580	3621	(3587) 3612	Marm.	-1007	No sample
C SW SW No.19 Harsch 17-2N-26W Texaco Inc.	3/8/62	2591	3601	3596	Marm.	-1005	No sample
C SE NW No.20 Harsch 17-2N-26W Texaco Inc.	6/15/62	2511	3617	(3550) 3610	Marm.	-1039	No sample
C NW NW No.22 Harsch 17-2N-26W Texaco Inc.	6/26/62	2533	3600	(3545) 3575	Marm.	-1012	No sample
C NE SW No.24 Harsch 17-2N-26W Texaco Inc.	7/21/62	2531	3555	3547	Marm.	-1009	No sample
NE NW No.25 Harsch 17-2N-26W Texaco Inc.	7/26/62	2502	3542	3522	Marm.	-1020	No sample
C SE SW No.26 Harsch 17-2N-26W Texaco Inc.	8/9/62	2543	3592	(3565) 3580	Marm.	-1022	No sample
C SW SW No.1 Harsch 18-2N-26W Texaco Inc.	2/8/61	2531	3565	(3530) 3553	Marm.	- 999	No sample

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
C NW SW 18-2N-26W	No.2 Harsch Texaco Inc.	3/30/61	2547	3595	(3555) 3574	Marm.	-1008	No sample
NE SW 18-2N-26W	No.3 Harsch Texaco Inc.	4/17/61	2571	3605	(3580)	Marm.	-1009	No sample
SE NW 18-2N-26W	No.4 Harsch Texaco Inc.	5/7/61	2518	3550	(3526) 3547	Marm.	-1008	No sample
SW NW 18-2N-26W	No.5 Harsch Texaco Inc.	5/28/61	2527	3574	(3528) 3548	Marm.	-1001	No sample
SW NE 18-2N-26W	No.6 Harsch Texaco Inc.	6/6/61	2579	3612	(3580) 3605	Marm.	-1001	No sample
75 C NW NW 18-2N-26W	No.7 Harsch Texaco Inc.	6/15/61	2523	3559	(3515) 3535	Marm.	- 992	No sample
C NE NW 18-2N-26W	No.8 Harsch Texaco Inc.	7/5/61	2526	3565	(3520) 3550	Marm.	- 994	No sample
SE SW 18-2N-26W	No.9 Harsch Texaco INC.	6/25/61	2598	3649	(3620) 3630	Marm.	-1022	No sample
C NW NE 18-2N-26W	No.11 Harsch Texaco Inc.	9/8/61	2561	3606	(3576)	Marm.	-1015	No sample
C SE NE 18-2N-26W	No.12 Harsch Texaco Inc.	9/17/61	2575	3595	3576	Marm.	-1001	No sample
C NE NE 18-2N-26W	No.14 Harsch Texaco Inc.	1/31/62	2565	3600	(3564) 3580	Marm.	- 999	No sample
NW SE 18-2N-26W	No.1 McConahay Texaco Inc.	5/12/61	2536	3580	(3564)	Marm.	-1028	No sample

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued							
C SW SE 18-2N-26W	No.2 McConahay Texaco Inc.	6/29/61	2592	3670	(3622) 3650	Marm. -1030	No sample
C NE SE 18-2N-26W	No.1 McCon.-Harsch Texaco Inc.	9/1/61	2599	3643	(3625) 3637	Marm. -1026	No sample
C SE SE 18-2N-26W	No.2 McCon.-Harsch Texaco Inc.	11/13/61	2607	3719	(3628) 3695	Marm. -1021	No sample
C NW NW 19-2N-26W	No.1 Haag Burch Drlg.	6/14/61	2545	3570	(3542) 3560	Marm. - 997	Biotite granite
C NE NW 19-2N-26W	No.2 Haag Burch Drlg.	8/28/61	2608	3635	(3610) 3635	Marm. -1008	Granite
C SW NW 19-2N-26W	No.3 Haag Burch Drlg.	9/26/61	2558	3625	(3570) 3610	Marm. -1012	Biotite granite
C NW SW 19-2N-26W	No.4 Haag Burch Drlg.	1/17/62	2597	3659	(3620) 3644	Marm. -1023	Biotite adamellite
C SE NW 19-2N-26W	No.5 Haag Burch Drlg.	1/18/62	2607	3664	(3624) 3659	Marm. -1017	Biotite granite
C NE SW 19-2N-26W	No.6 Haag Burch Drlg.	7/30/62	2609	3653	(3610) 3620	Marm. -1001	Biotite granite
C NW NE 19-2N-26W	No.3 McConahay Texaco Inc.	11/10/61	2624	3677	(3638) 3654	Marm. -1014	No sample
C NE NE 19-2N-26W	No.4 McConahay Texaco Inc.	8/8/62	2621	3674	(3635) 3650	Marm. -1014	No sample
SW NE 19-2N-26W	No.5 McConahay Texaco Inc.	3/28/62	2632	3695	(3654) 3685	Marm. -1022	No sample

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian	Rock Type
RED WILLOW--Continued								
C SE NE 19-2N-26W	No.6 McConahay Texaco Inc.	8/14/62	2630	3710	(3650) 3700	Marm.	-1020	No sample
NW SE 19-2N-26W	No.1 Winters Texaco Inc.	6/14/62	2602	3674	(3620) 3650	Marm.	-1018	No sample
C SW SE 19-2N-26W	No.2 Winters Texaco Inc.	8/27/62	2571	3621	(3590) 3610	Marm.	-1019	No sample
NE SE 19-2N-26W	No.3 Winters Texaco Inc.	8/24/62	2617	3707	(3650) 3668	Marm.	-1033	No sample
C NW NW 20-2N-26W	No.1 Bonham Rains & Williamson	1/8/63	2602	3632	3611	Marm.	-1009	*Biotite adamellite
77 C SW SW 20-2N-26W	No.1 Gotchall Murfin Drlg. Co.	4/18/63	2567	3648	(3600) 3632	Marm.	-1033	*Biotite granite
C NE SE 21-2N-26W	No.1 Haag Murfin Drlg. Co.	4/12/60	2544	3610	(3578) 3600	Marm.	-1034	Biotite granite
SE NW 26-2N-26W	No.1 "C" Ruf Jul-Tex Drlg. Co.	12/23/60	2479	3676	(3530) 3548	Marm.	-1051	Biotite leucogranite
C NW SW 29-2N-26W	No.1 "B" Haag K. F. Walker	8/27/62	2520	3560	(3536) 3555	Marm.	-1016	No sample
C SW SW 29-2N-26W	No.1 "F" Haag J. C. Man Jr.	12/9/61	2513	3544	(3533)	Marm.	-1020	No sample
SE SW 29-2N-26W	No.2 "B" Haag K. F. Walker	11/30/62	2559	3590	(3570)	Marm.	-1011	No sample
C SW NW 29-2N-26W	No.1 Schima Murfin Drlg. et al.	10/31/62	2517	3535	(3530)	Marm.	-1013	No sample

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
C NW NW 29-2N-26W	No.2 Schima Murfin Drlg. Co.	1/2/63	2559	3590	(3566)	Marm.	-1007	No sample
C SE SE 30-2N-26W	No.1 Kilzer Burch Drlg.	4/27/62	2510	3586	(3520) 3536	Marm.	-1010	Biotite granite
NE SW 30-2N-26W	No.1 Kilzer K. F. Walker	12/6/62	2587	3337	(3592) 3610	Marm.	-1005	Undescribed
C SW NE 30-2N-26W	No.1 "B" Kilzer Burch Drlg.	10/3/62	2566	3644	(3580) 3631	Marm.	-1014	Biotite hornblende granite
C NW SW 30-2N-26W	No.1 "D" Kilzer Burch Expl. & Morris	4/7/63	2542	3560	(3555)	Marm.	-1013	Undescribed
78 C SW SW 30-2N-26W	No.2 "D" Kilzer Burch Expl. & Morris	4/15/63	2551	3573	3558	Marm.	-1007	*Biotite granodiorite
C SW SE 30-2N-26W	No.2 Kilzer Burch Drlg.	6/16/62	2565	3635	(3570) 3616	Marm.	-1005	Biotite granite
C SE NW 30-2N-26W	No.2 "B" Kilzer Burch Drlg.	10/11/62	2591	3641	(3596) 3625	Marm.	-1005	Undescribed
C NE SE 30-2N-26W	No.3 Kilzer Burch Drlg.	9/12/62	2548	3633	(3562) 3620	Marm.	-1014	Biotite granite
C NE NW 30-2N-26W	No.3 "B" Kilzer Burch Drlg.	10/29/62	2597	3665	(3616) 3651	Marm.	-1019	*Biotite granite
C NE SE 30-2N-26W	No.4 Kilzer Burch Drlg.	9/12/62	2564	3637	(3570) 3602	Marm.	-1006	Biotite granite
C NW NE 30-2N-26W	No.4 "B" Kilzer Burch Drlg.	11/2/62	2552	3640	(3570) 3629	Marm.	-1018	Undescribed

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
SE NE 30-2N-26W	No.5 "B" Kilzer Burch Expl. & Morris	5/12/63	2577	3661	(3582) 3649	Marm.	-1005	Undescribed
C NE NE 30-2N-26W	No.6 "B" Kilzer Burch Expl. & Morris	5/28/63	2589	3666	(3600) 3640	Marm.	-1011	Undescribed
C SW NW 30-2N-26W	No.7 "B" Kilzer Burch Expl. & Morris	6/5/63	2559	3635	(3568) 3628	Marm.	-1013	Undescribed
NW NW 30-2N-26W	No.8 "B" Kilzer Burch Expl. & Morris	6/24/63	2584	3695	(3605) 3673	Marm.	-1021	Undescribed
C NE NE 31-2N-26W	No.1 Haag Okmar Oil Co.	4/25/61	2545	3602	(3550) 3590	Marm.	-1005	Biotite hornblende adamellite
79 C NW NE 31-2N-26W	No.1 "A" Haag Okmar Oil Co.	10/26/61	2575	3622	(3580) 3600	Marm.	-1005	Leucogranite
C SW NE 31-2N-26W	No.1 Haag K. F. Walker	8/16/62	2539	3592	(3555) 3560	Marm.	-1016	Undescribed
C SW SE 31-2N-26W	No.2 Haag K. F. Walker	11/25/62	2536	3591	(3545) 3582	Marm.	-1009	Undescribed
C NW SE 31-2N-26W	No.3 Haag K. F. Walker	2/12/63	2537	3602	(3550) 3593	Marm.	-1013	*Biotite granite
C SE SW 31-2N-26W	No.4 Haag K. F. Walker	6/7/63	2539	3560	(3538)	Marm.	- 999	No sample
C SE NW 31-2N-26W	No.5 Haag K. F. Walker	10/16/63	2566	3600	(3580) 3591	Marm.	-1014	No sample
NE SW 31-2N-26W	No.6 Haag K. F. Walker	12/12/63	2550	3622	(3557) 3600	Marm.	-1007	Undescribed

Location		Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
County, Twp. & Rge.	Sec. Operator, Lease & Well Designation							
RED WILLOW--Continued								
NW NW 31-2N-26W	No.1 McConahay Burch Expl.	1/2/64	2550	3600	(3563) 3576	Marm.	-1013	Undescribed
SW NW 31-2N-26W	No.2 McConahay Burch Expl.	1/17/64	2550	3629	(3571) 3594	Marm.	-1021	*Biotite adamellite
C SW NW 32-2N-26W	No.2 Haag J. C. Man Jr.	10/31/61	2506	3581	(3526) 3580	Marm.	-1020	No sample
C NW NW 34-2N-26W	No.1 Harris Exeter Drlg. Co.	8/31/61	2450	3572	3548	Marm.	-1098	Leucogranite
C SE SE 34-2N-26W	No.1 "G" Ruf Jul-Tex Drlg.	5/8/61	2445	3560	(3515) 3545	Marm.	-1070	Biotite hornblende granite
08 NW SW 1-2N-27W1	No.1 Fritz Central States Drlg.	10/31/65	2562	3589	(3554) 3578	Marm.	- 992	No sample
C NW NW 1-2N-27W	No.1 Fritz Socony Mobil Oil	8/23/60	2578	3551	(3524) 3546	Marm.	- 946	Leucogranite
C SW SE 1-2N-27W	No.1 Fritz Platte Valley & Burch	7/15/65	2533	3577	(3527) 3564	Marm.	- 994	*Biotite granite
C NE NW 1-2N-27W	No.2 Fritz Franco Western Oil	11/20/60	2527	3551	(3510) 3535	Marm.	- 983	Quartz-feldspar mylonite
C SW NW 1-2N-27W	No.3 Fritz Franco-Central	11/17/60	2554	3600	(3546) 3594	Marm.	- 992	Biotite granite
C NW NE 2-2N-27W	No.2-2 Hayes Pubco Petro. Corp.	10/24/60	2528	3509	3494	Marm.	- 966	Biotite granite
C NE NW 2-2N-27W	No.2-3 Hayes (5) Pubco Petro. Corp.	11/14/60	2558	3539	3530	Marm.	- 972	Biotite granite

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
C NW NW 2-2N-27W	No.2-4 Hayes Pubco Petro. Corp.	12/12/60	2565	3547	3534	Marm.	- 969	Biotite granite
C SW NW 2-2N-27W	No.2-5 Hayes Pubco Petro. Corp.	12/29/60	2545	3524	3510	Marm.	- 965	Undescribed
C SE NW 2-2N-27W	No.2-6 Hayes Pubco Petro. Corp.	12/18/60	2602	3596	3570	Marm.	- 968	Undescribed
SW NE 2-2N-27W	No.2-7 Hayes (4) Pubco Petro. Corp.	11/11/60	2584	3574	3560	Marm.	- 976	Biotite granite
C NW SE 2-2N-27W	No.2-10 Hayes Pubco Petro. Corp.	4/21/61	2595	3592	(3565) 3584	Marm.	- 970	Biotite granite
18 C NE SW 2-2N-27W	No.2-11 Hayes (6) Pubco Petro. Corp.	11/24/60	2601	3604	(3570) 3586	Marm.	- 969	Biotite granite
C NW SW 2-2N-27W	No.2-12 Hayes Pubco Petro. Corp.	12/30/60	2544	3531	(3520) 3526	Marm.	- 976	Undescribed
C SW SW 2-2N-27W	No.2-13 Hayes Pubco Petro. Corp.	3/16/61	2592	3585	(3570) 3578	Marm.	- 978	Adamellite
C NE NE 2-2N-27W	No.1 Wall Pubco Petro. Corp.	9/10/60	2583	3585	3560	Marm.	- 977	Biotite granite
C SE NE 2-2N-27W	No.2-8 Wall Pubco Petro. Corp.	12/15/60	2574	3568	3550	Marm.	- 976	Granite (?)
C NE SE 2-2N-27W	No.2-9 Wall Pubco Petro. Corp.	9/19/61	2589	3621	3595	Marm.	-1006	No sample
C NE NE 3-2N-27W	No.1 Kunkee W. Duncan	12/17/60	2506	3511	(3485) 3506	Marm.	- 979	Biotite granite

Location County, Sec. & Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
C SE NE 3-2N-27W	No.2 Kunkee W. Duncan	12/22/60	2500	3505	3470	Marm.	- 970	No sample
C NE SE 3-2N-27W	No.3 Kunkee W. Duncan	1/12/61	2563	3575	(3550) 3565	Marm.	- 987	No sample
C SE SE 3-2N-27W	No.4 Kunkee W. Duncan	1/21/61	2593	3600	(3564) 3572	Marm.	- 971	Muscovite biotite granite
C NW NE 3-2N-27W	No.5 Kunkee W. Duncan	1/29/61	2497	3494	(3470) 3480	Marm.	- 973	Biotite granite
C SW NE 3-2N-27W	No.6 Kunkee W. Duncan	2/7/61	2584	3590	(3555) 3576	Marm.	- 971	Biotite adamellite
C NE NW 3-2N-27W	No.3-3 Stritt Pubco Petro. Corp.	3/13/61	2552	3552	3530	Marm.	- 978	Biotite granite
NW NW 3-2N-27W	No.3-4 Stritt Pubco Petro. Corp.	5/15/61	2505	3500	3490	Marm.	- 985	Biotite adamellite
C SW NW 3-2N-27W	No.3-5 Stritt Pubco Petro. Corp.	6/12/61	2517	3510	3493	Marm.	- 976	Biotite granite
C SE NW 3-2N-27W	No.3-6 Stritt Pubco Petro. Corp.	3/25/61	2561	3551	3542	Marm.	- 981	Biotite adamellite
NW SE 3-2N-27W	No.3-10 Stritt Pubco Petro. Corp.	3/21/61	2596	3589	3583	Marm.	- 987	No sample
C NE SW 3-2N-27W	No.3-11 Stritt Pubco Petro. Corp.	6/21/61	2500	3516	3510	Marm.	-1010	Undescribed
NW SW 3-2N-27W	No.3-12 Stritt Pubco Petro. Corp.	8/23/62	2517	3521	3508	Marm.	- 991	No sample

Location County, Sec. & Twp. Operator, Lease & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued							
SW SW 3-2N-27W	No.3-13 Stritt Pubco Petro. Corp.	4/8/63	2576	3579	3562	Marm. - 986	No sample
C SE SW 3-2N-27W	No.3-14 Stritt Pubco Petro. Corp.	5/28/61	2476	3473	3460	Marm. - 984	Undescribed
SW SE 3-2N-27W	No.3-15 Stritt Pubco Petro. Corp.	3/2/61	2583	3585	3572	Marm. - 989	Biotite granite
NW NW 4-2N-27W	No.4-4 Coyle Pubco Petro. Corp.	4/29/63	2525	3537	(3522) 3532	Marm. - 997	*Biotite granite
C NW SE 4-2N-27W	No.1 Stritt Pubco Petro. Corp.	9/28/60	2562	3570	(3554) 3562	Marm. - 992	Biotite granite
83 NE NE 4-2N-27W	No.4-1 Stritt Est. Pubco Petro. Corp.	8/22/62	2504	3510	3495	Marm. - 991	No sample
C SE NE 4-2N-27W	No.4-8 Stritt Est. Pubco Petro. Corp.	5/17/62	2493	3505	3492	Marm. - 999	No sample
NE SE 4-2N-27W	No.4-9 Stritt Est. Pubco Petro. Corp.	2/21/63	2471	3477	3460	Marm. - 989	No sample
C SE SE 4-2N-27W	No.4-16 Stritt Est. Pubco Petro. Corp.	2/19/65	2481	3490	3473	Marm. - 992	No sample
C SW NE 5-2N-27W	No.1 Quigley Champlin Oil & Ref.	1/16/61	2535	3561	3540	Marm. -1005	Biotite adamellite
NW SE 6-2N-27W	No.1 Hall Stoepfelwerth Drlg.	9/17/63	2496	3513	(3500) 3508	Marm. -1004	*Biotite granite
SW SE 6-2N-27W	No.2 Hall Stoepfelwerth Drlg.	9/24/63	2515	3525	3518	Marm. -1003	No sample

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
SE NW 6-2N-27W	No.1 Malleck Stoepelwerth Drlg.	7/10/63	2547	3575	(3540) 3560	Marm.	-1013	*Biotite granite
SW NW 7-2N-27W	No.1 Hall Diamond Oil Co.	12/29/60	2555	3585	(3565) 3582	Marm.	-1010	No sample
C SE NE 8-2N-27W	No.1 Ballou Great Western	4/7/63	2574	3587	(3570)	Marm.	- 996	Undescribed
C SE SE 8-2N-27W	No.1 Flaherty Great Western	8/24/63	2573	3562	3556	Marm.	- 983	*Biotite granite
C NW NW 9-2N-27W	No.4 Coyle Great Western	2/5/60	2537	3545	(3520) 3536	Marm.	- 983	Biotite granite
NE NW 9-2N-27W	No.2 Coyle Great Western	8/18/62	2601	3596	3590	Marm.	- 989	No sample
SW NW 9-2N-27W	No.3 Coyle Great Western	10/24/62	2532	3534	(3522) 3534	Marm.	- 990	No sample
C NE SW 9-2N-27W	No.1 Ham Woody, Kiel & Burns	8/11/61	2600	3614	(3592) 3610	Marm.	- 992	*Biotite granite
C NE NE 9-2N-27W	No.9-1 Stritt Est. Pubco Petro. Corp.	8/31/61	2508	3518	3510	Marm.	-1002	No sample
NW NE 9-2N-27W	No.9-2 Stritt Est. Pubco Petro. Corp.	1/21/63	2578	3578	3570	Marm.	- 992	No sample
C SW NE 9-2N-27W	No.9-7 Stritt Est. Pubco Petro. Corp.	8/27/61	2606	3604	(3593) 3602	Marm.	- 987	No sample
SE NE 9-2N-27W	No.9-8 Stritt Est. Pubco Petro. Corp.	6/15/61	2551	3539	3526	Marm.	- 975	Undescribed

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
NE SE 9-2N-27W	No.9-9 Stritt Est. Pubco Petro. Corp.	9/13/62	2579	3582	3574	Marm.	- 995	No sample
C SE SE 10-2N-27W	No.1 Dutton Skelly Oil Co.	5/10/61	2605	3622	(3623) 3632	Marm.	-1018	Biotite granite
C SW SE 10-2N-27W	No.2 Dutton Skelly Oil Co.	6/10/61	2524	3550	(3528) 3545	Marm.	-1004	Biotite granite
C SW SW 10-2N-27W	No.1 Jennings Frontier Ref. Co.	7/19/61	2605	3597	3590	Marm.	- 985	No sample
C NE SW 10-2N-27W	No.10-11 Stoney Pubco Petro. Corp.	4/4/61	2554	3550	3540	Marm.	- 986	Biotite granite
88 NW NW 10-2N-27W	No.10-4 Stritt Est. Pubco Petro. Corp.	5/7/61	2559	3555	3539	Marm.	- 980	Biotite adamellite
C SW NW 10-2N-27W	No.10-5 Stritt Est. Pubco Petro. Corp.	3/8/61	2594	3580	3574	Marm.	- 980	Biotite adamellite
C NE NE 10-2N-27W	No.10-1 Wall Pubco Petro. Corp.	3/31/61	2608	3606	3590	Marm.	- 982	No sample
NW NE 10-2N-27W	No.10-2 Wall Pubco Petro. Corp.	3/31/61	2580	3588	(3570) 3578	Marm.	- 990	No sample
C NE NW 10-2N-27W	No.10-3 Wall Pubco Petro. Corp.	1/28/61	2545	3531	3520	Marm.	- 975	Undescribed
SE NW 10-2N-27W	No.10-6 Wall Pubco Petro. Corp.	4/17/61	2548	3540	3518	Marm.	- 970	Biotite granite
C SW NE 10-2N-27W	No.10-7 Wall Pubco Petro. Corp.	2/16/61	2560	3570	(3558) 3570	Marm.	-1002	No sample

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued							
SE NE No.10-8 Wall 10-2N-27W Pubco Petro. Corp.	4/22/61	2606	3608	3592	Marm.	- 986	Biotite adamellite
C NE SE No.10-9 Wall 10-2N-27W Pubco Petro. Corp.	3/19/61	2567	3560	3542	Marm.	- 975	Undescribed
NW SE No.10-10 Wall 10-2N-27W Pubco Petro. Corp.	6/3/61	2517	3500	3494	Marm.	- 977	Undescribed
NW NE No.11-2 Wall 11-2N-27W Pubco Petro. Corp.	12/23/62	2621	3640	3632	Marm.	-1011	No sample
NW NW No.11-4 Wall 11-2N-27W Pubco Petro. Corp.	4/26/61	2557	3570	(3540) 3550	Marm.	- 983	Biotite granite
86 SW NW No.11-5 Wall 11-2N-27W Pubco Petro. Corp.	3/26/61	2620	3626	(3606)	Marm.	- 986	No sample
C SW NE No.11-7 Wall 11-2N-27W Pubco Petro. Corp.	1/17/62	2642	3666	(3650)	Marm.	-1008	No sample
C NW SE No.11-10 Wall 11-2N-27W Pubco Petro. Corp.	1/18/62	2632	3660	3630	Marm.	- 998	No sample
NE SW No.11-11 Wall 11-2N-27W Pubco Petro. Corp.	4/20/61	2612	3620	3610	Marm.	- 998	No sample
C NW SW No.11-12 Wall 11-2N-27W Pubco Petro. Corp.	5/14/61	2557	3581	(3562)	Marm.	-1005	Biotite adamellite
C SW SW No.11-13 Wall 11-2N-27W Pubco Petro. Corp.	10/10/61	2618	3640	3632	Marm.	-1014	No sample
C SE SW No.11-14 Wall 11-2N-27W Pubco Petro. Corp.	1/5/62	2624	3648	3646	Marm.	-1022	No sample

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
SW SE 11-2N-27W	No.11-15 Wall Pubco Petro. Corp.	1/11/62	2623	3648	3630	Marm.	-1007	No sample
C SE SE 11-2N-27W	No.11-16 Wall Pubco Petro. Corp.	8/16/64	2594	3632	3600	Marm.	-1006	No sample
C SE SW 12-2N-27W	No.10 Dutton Skelly Oil Co.	8/26/64	2561	3572	3559	Marm.	- 998	*Biotite granite
C SW NW 12-2N-27W	No.1 Fritz E. F. Wakefield	5/13/61	2609	3650	(3602) 3635	Marm.	- 993	Biotite granite
C SW SE 12-2N-27W	No.1 Harsch Platte Valley Oil	3/17/65	2551	3624	(3560) 3620	Marm.	-1009	Undescribed
87 C SE SE 12-2N-27W	No.1 Harsch E. F. Wakefield	7/15/61	2562	3625	(3554) 3614	Marm.	- 992	Biotite leucogranite
C NE SE 12-2N-27W	No.2 Harsch Continental Oil Co.	10/13/61	2570	3615	(3568)	Marm.	- 998	Biotite granite
NW NW 13-2N-27W	No.8 Dutton Skelly Oil Co.	7/31/64	2593	3645	(3582) 3636	Marm.	- 989	Undescribed
C SW NW 13-2N-27W	No.9 Dutton Skelly Oil Co.	8/17/64	2547	3556	(3536) 3544	Marm.	- 988	*Cataclastic granite
C NW NE 13-2N-27W	No.1 Hardesty Platte Valley Oil	3/16/64	2558	3643	(3570) 3636	Marm.	-1012	Undescribed
C SW SW 13-2N-27W	No.1 Hardesty Livingston Oil Co.	11/12/63	2617	3660	(3630) 3644	Marm.	-1013	*Biotite granite
C NE NW 13-2N-27W	No.1-B Hardesty Platte Valley Oil	5/20/64	2560	3575	3559	Marm.	- 999	Undescribed

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
C SE NW 13-2N-27W	No.1-C Hardesty Burch Expl.	6/23/64	2573	3585	(3566) 3574	Marm.	- 993	Undescribed
SW NE 13-2N-27W	No.1-D Hardesty Burch Expl.	8/24/64	2567	3612	(3591) 3604	Marm.	-1024	No sample
C NW SW 13-2N-27W	No.2 Hardesty Livingston Oil Co.	10/5/64	2602	3600	3588	Marm.	- 986	No sample
C SE SE 13-2N-27W	No.1 Nokes Burch Drlg.	7/15/60	2553	3606	(3560)	Marm.	-1007	Undescribed
C SW SE 13-2N-27W	No.1 Nokes Woody, Kiel & Burns	7/15/61	2582	3640	(3613)	Marm.	-1031	No sample
NE SE 13-2N-27W	No.2 Nokes Burch Drlg.	1/1/61	2577	3621	(3580)	Marm.	-1003	Biotite leucogranite
C NE NE 13-2N-27W	No.3 Nokes Burch Drlg.	9/23/61	2519	3551	(3520) 3540	Marm.	-1001	Hornblende biotite granite
C SE NE 13-2N-27W	No.4 Nokes Burch Drlg.	9/22/61	2564	3634	(3564) 3608	Marm.	-1000	Biotite granite
C NW NW 14-2N-27W	No.3 Dutton Skelly Oil Co.	9/22/61	2570	3594	3580	Marm.	-1010	Muscovite biotite adamellite
C SW NW 14-2N-27W	No.4 Dutton Skelly Oil Co.	9/28/61	2616	3629	3623	Marm.	-1007	Biotite adamellite
C NE NW 14-2N-27W	No.5 Dutton Skelly Oil Co.	12/16/61	2624	3635	3630	Marm.	-1006	Biotite adamellite
C NW NE 14-2N-27W	No.6 Dutton Skelly Oil Co.	12/21/61	2608	3614	3600	Marm.	- 992	Biotite adamellite

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued							
C SW NE 14-2N-27W	No.7 Dutton Skelly Oil Co.	12/27/61	2600	3630	(3608) 3620	Marm.	-1008 Undescribed
C NE NE 15-2N-27W	No.15-1 Stoney Pubco Petro. Corp.	10/20/61	2572	3599	3590	Marm.	-1018 Undescribed
C NW NE 15-2N-27W	No.15-2 Stoney Pubco Petro. Corp.	10/16/61	2564	3582	3574	Marm.	-1010 Biotite granite
NW NE 16-2N-27W	No.1 Bamesberger Great Western Oil	5/15/64	2613	3691	(3594) 3650	Marm.	- 981 *Biotite granite
NE NW 17-2N-27W	No.1 Miller Great Western	12/10/63	2563	3580	3566	Marm.	-1003 *Biotite granite
68 SW SW 20-2N-27W	No.1 Weaver Okmar Oil Co.	1/2/61	2696	3725	3706	Marm.	-1010 Biotite adamellite
NW NW 21-2N-27W	No.1 Townley Cabot Corp.	4/25/61	2521	3581	(3522) 3574	Marm.	-1001 Biotite adamellite
SW SW 23-2N-27W	No.1 Quador Arvel C. Smith	8/10/63	2648	3657	(3636) 3642	Marm.	- 988 Undescribed
C SW NE 23-2N-27W	No.1 Thomas Livingston Oil Co.	8/16/63	2667	3672	(3646) 3655	Marm.	- 979 *Cataclastic adamellite
SE NE 24-2N-27W	No.2 "A" Nokes Burch Drlg.	12/20/60	2605	3692	(3622) 3672	Marm.	-1017 Biotite adamellite
NW SW 24-2N-27W	No.1-A Quador Livingston Oil Co.	10/27/63	2659	3715	(3668) 3710	Marm.	-1009 *Cataclastic granite
C SE SW 24-2N-27W	No.1 Quador K. F. Walker	6/21/62	2621	3677	(3648) 3670	Marm.	-1027 Granite

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian	Rock Type
RED WILLOW--Continued C NE NW No.1 Fisher 25-2N-27W Bentex Oil Corp.	6/20/61	2627	3669	(3642) 3665	Marm.	-1015	No sample	
C NW NE No.1 "A" Fisher 25-2N-27W Simmons Oil Co.	8/7/61	2588	3650	(3604) 3636	Marm.	-1016	No sample	
C NE SE NE No.1 Kilzer 25-2N-27W M. P. Gilbert	9/27/56	2585	3660	(3612) 3648	Marm.	-1027	Biotite granite	
C SE SE No.1 "J" Kilzer 25-2N-27W Tenneco Oil Co.	6/21/63	2552	3592	(3569) 3584	Marm.	-1017	Undescribed	
C NW NE No.1 Bamesberger 26-2N-27W Burch Expl.	7/5/64	2613	3610	3605	Marm.	- 992	Undescribed	
06 C SW NE No.1 "B" Bamesberger 26-2N-27W Platte Valley Oil	8/24/64	2597	3602	3588	Marm.	- 991	No sample	
C NE NE No.1 Martin 26-2N-27W Burch, Platte Valley	10/23/64	2644	3690	(3668) 3682	Marm.	-1024	Undescribed	
C SE SE No.1-B Martin 26-2N-27W Burch, Platte Valley	2/20/65	2621	3678	(3648) 3668	Marm.	-1027	*Cataclastic granite	
C NW SE No.1 Murphy 26-2N-27W K. F. Walker	4/22/63	2582	3600	(3580) 3587	Marm.	- 998	No sample	
C NW NW No.1 Niccolson 26-2N-27W K. F. Walker	2/18/63	2620	3620	(3600) 3606	Marm.	- 980	Undescribed	
C NE NW No.1 "A" Wood 26-2N-27W Burch Expl.	1/5/64	2604	3599	3590	Marm.	- 986	*Biotite granite	
C NE NE No.27-1 Stoller 27-2N-27W Pubco Petro. Corp.	3/11/63	2628	3636	(3620) 3628	Marm.	- 992	No sample	

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued C NW SW No.1 Quador 27-2N-27W Volentine	5/5/61	2600	3640	(3610) 3618	Marm.	-1010	Biotite adamellite
C SE NE No.1 Helm 29-2N-27W Rex Monahan	6/4/65	2644	3671	3658	Marm.	-1014	*Biotite granite
C SW SW No.1 Morgan 31-2N-27W Mast Drlg. Co.	7/15/60	2585	3604	3584	Marm.	- 999	Biotite adamellite
C NE SE No.1 Brause 32-2N-27W Kimbark Expl. Co.	5/7/62	2564	3593	3580	Marm.	-1016	Biotite leucoadamellite
C NE SE No.1 Breach 34-2N-27W Burch Expl.	7/28/64	2616	3669	(3622) 3648	Marm.	-1006	*Cataclastic adamellite
16 C SE SE No.1 "B" Breach 34-2N-27W Burch, Platte Valley	10/18/64	2589	3608	(3582) 3595	Marm.	- 993	No sample
C SW SE No.1 "C" Breach 34-2N-27W Burch, Platte Valley	2/22/65	2600	3627	3612	Marm.	-1012	*Cataclastic granite
C NW SE No.1 "D" Breach 34-2N-27W Platte Valley Oil	4/14/65	2622	3632	3620	Marm.	- 998	Undescribed
C SE NW No.1 Dutton (OWWO) 35-2N-27W K. F. Walker	6/2/62	2580	3604	3573	Marm.	- 993	Muscovite biotite adamellite
C SW NW No.1 McKillip 35-2N-27W K. F. Walker	1/12/63	2600	3618	3600	Marm.	-1000	Undescribed
C NE SW No.1 "B" Wood 35-2N-27W Burch Expl.	1/10/64	2589	3629	(3588) 3624	Marm.	- 999	Undescribed
C SW NE No.1 "B" McConahay 36-2N-27W Burch Expl.	7/22/64	2559	3622	(3586) 3614	Marm.	-1027	*Cataclastic granite

Location County, Sec. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian	Rock Type
RED WILLOW--Continued C SE NE 36-2N-27W	No.2 "B" McConahay Burch Expl.	8/14/64	2509	3602	(3542) 3564	Marm.	-1033	No sample	
C NE NE 36-2N-27W	No.3 McConahay Burch Expl.	3/5/64	2534	3595	(3552) 3584	Marm.	-1018	Undescribed	
C NW NE 36-2N-27W	No.4 McConahay Burch Expl.	3/5/64	2575	3625	(3585) 3613	Marm.	-1010	Undescribed	
C NE NW 36-2N-27W	No.1 State Simmons Oil Co.	3/19/61	2545	3611	(3565) 3603	Marm.	-1020	No sample	
C SW SW 1-2N-28W	No.1 Malleck Skelly Oil Co.	4/8/61	2584	3552	3529	Marm.	- 945	Biotite adamellite	
C SE NE 2-2N-28W	No.1 McCallum Leben Drlq. Inc.	5/13/60	2487	3467	(3438)	Marm.	- 951	No sample	
C SE SE 3-2N-28W	No.1 Lehn Burch Drlq.	6/17/60	2584	3610	(3560) 3608	Marm.	- 976	Cataclastic adamellite	
C SW NW 3-2N-28W	No.1 Uerling Burch Drlq.	7/7/60	2549	3579	(3522) 3576	Marm.	- 973	Biotite granite	
C SE NW 5-2N-28W	No.1 Bey Geochemical Surveys	12/21/61	2563	3636	(3588) 3627	Marm.	-1025	Biotite granite	
C NE SW 8-2N-28W	No.1 Bey Murfin Drlg. Co.	4/19/61	2600	3666	3608	Marm.	-1008	Biotite adamellite	
SE SE 9-2N-28W	No.1 "A" Hinz Tenneco Oil Co.	11/1/62	2554	3567	(3547) 3555	Marm.	- 993	*Biotite granite	
C SW SE 10-2N-28W	No.1 Kunkee Tenneco Oil Co.	8/12/62	2616	3583	3575	Marm.	- 959	Biotite adamellite	

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
C SW SW SE 11-2N-28W	No.1 Land Bank Sinclair (Frontier)	1/10/60	2551	3515	3496	Marm.	- 945	Biotite granite
C NW NE 12-2N-28W	No.1 Malleck Skelly Oil Co.	1/2/64	2553	3536	(3526)	Marm.	- 973	*Biotite granite
C NW SW 12-2N-28W	No.1 Sugrove Skelly Oil Co.	12/17/60	2585	3546	(3525) 3535	Marm.	- 940	Biotite adamellite
C SW SW 12-2N-28W	No.2 Sugrove Skelly Oil Co.	12/1/62 5/24/63	2567	3569	(3548) 3565	Marm.	- 981	Undescribed
C NW NE SW 14-2N-28W	No.1 Reiners Frontier Ref. Co.	11/9/59	2598	3545	(3535)	Marm.	- 937	Biotite granite
95 SE SW SE 16-2N-28W	No.1 State Bondville O. & G.	11/14/58	2578	3567	(3554) 3564	Marm.	- 976	Biotite granite
C NW SW 18-2N-28W	No.1 Breitling Burch Drlg.	11/14/61	2599	3757	(3728) 3749	Marm.	-1129	Granodiorite or granite
C SE SE 21-2N-28W	No.1 Kan-Lans Kan-Lans. Oil	10/14/60	2608	3610	(3592) 3609	Marm.	- 984	No sample
C SE SW 23-2N-28W	No.4 Cashen Brit.-Amer. Oil	8/17/60	2684	3682	3668	Marm.	- 984	Biotite granite
C NE NE 23-2N-28W	No.1 Goodenberger Cities Service	9/19/60	2628	3634	3620	Marm.	- 992	Undescribed
C NE NE 25-2N-28W	No.1 Goodenberger Northern & Feather	12/22/63	2675	3715	3690	Marm.	-1015	*Biotite adamellite
C NW SW 26-2N-28W	No.1 Cashen Frontier Refg. Co.	6/29/60	2686	3687	(3661) 3680	Marm.	- 975	Biotite granite

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued C SW SW No.1 Hofman 29-2N-28W J. A. Lewis	6/14/61	2645	3735	3710	Marm.	-1065	Biotite granite
C NE NE No.1 McGuire 33-2N-28W Mast Drlg. Inc.	10/14/60	2631	3669	3645	Marm.	-1014	Biotite granite
C NE NE SE No.1 Schultz 34-2N-28W Sauvage & Dunn Drlg.	1/8/57	2680	3692	(3667) 3688	Marm.	- 987	Biotite granite
C NE SW No.1 Schultz 35-2N-28W Burch,Platte Valley	11/26/64	2662	3646	3634	Marm.	- 972	*Biotite granite
C NE SW No.1 Lauer 1-2N-29W Leben Drlg. Inc.	6/25/60	2537	3657	(3598) 3640	Cher.	-1061	Biotite hornblende granite
94 C SW SW SW No.1 St. John 4-2N-29W Jones, Shelburne	2/3/56	2484	3749	3745	Cher.	-1261	Hornblende biotite granite
C SW SW SW No.1 Butler 8-2N-29W Jones, Shelburne	9/4/55	2639	3990	(3964) 3980	Camb.	-1325	Biotite granite
C NE SW No.1 Butler 8-2N-29W Strata Oil Co.	3/23/62	2583	3938	3920	Cher.	-1337	Biotite hornblende granite
C SW SE No.1 Sutton 15-2N-29W Leben Drlg. Inc.	7/26/60	2553	3726	3697	Cher.	-1144	Biotite granite
C NW NW No.1 State 16-2N-29W John O. Farmer Inc.	2/8/61	2632	3998	(3890) 3950	Cher.	-1258	Biotite adamellite
C SE SE No.1 "B" Poore 19-2N-29W Joe Rothmeier	10/1/60	2670	4162	(4090) 4132	Camb.	-1420	Biotite adamellite
C SW SW No.1 Motter 21-2N-29W Western Crude	12/21/58	2702	4091	(4089)	Camb.	-1387	No sample

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued							
C NE SW 26-2N-29W	No.1 Shields Nat'l. Assoc. Petro.	4/13/60	2676	3943	(3850) 3928	Cher.	-1274 Biotite granite
C NW NW NW 29-2N-29W	No.1 Poore Rex Monahan	6/27/57	2665	4102	4072	Camb.	-1407 Leucogranite
C NE NW 32-2N-29W	No.1 Thompson Joe Rothmeier	9/20/60	2750	4227	4222	Camb.	-1472 Hornblende (?) bio- tite granite
C SW NE NE 36-2N-29W	No.72-36 State Superior Oil Co.	6/18/51	2741	3955	(3877) 3944	Marm.	-1136 Biotite granite
C SW SE 1-2N-30W	No.1 Crocker Geochemical Surveys	1/25/62	2509	3993	(3927) 3980	Camb.	-1418 Granofels
56 NW NW 10-2N-30W	No.1 Wallen Blair Associates	12/13/60	2625	4185	(4118) 4163	Camb.	-1493 Quartzitic granofels
NE NW 11-2N-30W	No.1 Jacques Far West Trading Co.	8/26/61	2539	4040	(4000) 4020	Camb.	-1461 No sample
C SE SE 12-2N-30W	No.1 Conroy Far West Trading Co.	2/5/62	2521	3964	(3937) 3952	Camb.	-1416 Biotite schist
C SW SW 16-2N-30W	No.1 Meyers F. B. Jackson Jr.	5/21/60	2574	4100	4090	Camb.	-1516 No sample
SE SE 18-2N-30W	No.1 Myers J. M. Huber Corp.	4/11/61	2575	4150	(4120)	Camb.	-1545 No sample
C SE SE 19-2N-30W	No.1 Myers Geochemical Surveys	9/1/62	2608	4202	(4150) 4184	Camb.	-1542 *Biotite granite
C SW SE SW 20-2N-30W	No.1 Myers Stanolind O. & G.	9/20/44	2678	4249	(4230) 4240	Camb.	-1552 Biotite gneiss

Location County, Sec. & Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
C NW NW NW 23-2N-30W	No.1 Harris Joe Rothmeier	9/11/54	2700	4239	(4215) 4235	Camb.	-1515	Quartz feldspar leuco- gneiss
C NE NE 35-2N-30W	No.1 Larmon Tipps Drlg. Co.	5/6/61	2729	4303	4290	Camb.	-1561	Biotite granite
SW SE 4-3N-26W	No.1 Weber Murfin Drlg. Co.	11/28/60	2306	3278	(3210) 3242	Marm.	- 932	Hornblende biotite granite
NW NE 6-3N-26W	No.1 Noll R. Rutledge	8/18/60	2357	3404	3289	Marm.	- 932	Granofels
NE NE 7-3N-26W	No.1 Smith Pan Amer. Petro.	1/30/64	2328	3311	(3274) 3300	Marm.	- 946	*Cataclastic granite
96 C SW NW 7-3N-26W	No.1 Smith Pan Amer. Petro.	12/1/63	2330	3278	3266	Marm.	- 936	*Cataclastic adamellite
C SW SE 9-3N-26W	No.1 Fritzer Burch Drlg. Co. Inc.	8/6/61	2360	3317	3248	Marm.	- 910	Leucogranite
C SE SW 11-3N-26W	No.1 Deterding Mast Drlg. Co.	3/2/62	2326	3255	(3210) 3240	Marm.	- 884	Biotite hornblende adamellite
NE NE 17-3N-26W	No.1 Smith U.S. Smelting	10/28/64	2377	3323	(3278) 3300	Marm.	- 901	*Cataclastic adamellite
C NW SW 18-3N-26W	No.1 Schmelzer Brinkerhoff Drlg.	5/30/61	2457	3464	(3404) 3455	Marm.	- 947	Hornblende biotite granite
C NW NE 21-3N-26W	No.1 Seydlitz Murfin Drlg. Co.	11/21/60	2463	3398	(3342) 3378	Marm.	- 879	Leucogranite
C NW NW 26-3N-26W	No.1 Hilton Walter Duncan	10/3/61	2440	3406	(3345) 3384	Marm.	- 905	Granite over granite and gneiss

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued SW SE No.1 Hilton 27-3N-26W Christie-Stewart	6/13/62	2434	3415	(3357) 3404	Marm.	- 923	Cataclastic leuco- adamellite
C NW NW No.1 Kerst 29-3N-26W Kimbark Expl. Co.	7/6/62	2460	3453	(3378) 3445	Marm.	- 918	No sample
C SE SW No.29-14 Kerst 29-3N-26W Pubco Petro. Corp.	4/22/61	2508	3480	(3426)	Marm.	- 918	No sample
C SW SW No.1 Teter 30-3N-26W Skelly Oil Co.	11/25/60	2454	3429	(3390)	Marm.	- 936	Leucoadamellite
C SE SE No.2 Teter 30-3N-26W Skelly Oil Co.	2/3/61	2509	3526	(3446)	Marm.	- 937	Leucogranite
97 C NW SW No.1 Fitchner 31-3N-26W Murfin Drlg. Co.	8/8/63	2453	3474	(3396) 3450	Marm.	- 943	*Granofels
C SW NE No.1 Teter 31-3N-26W Murfin Drlg. Co.	10/25/61	2497	3475	(3450)	Marm.	- 953	Granite (?)
C NW NW No.1 Gallatin 32-3N-26W Murfin Drlg. Co.	2/11/60	2500	3465	(3430)	Marm.	- 930	Granite
C SE SE No.1 Harsch 32-3N-26W Lewis Bros. Inc.	4/24/61	2457	3550	(3440) 3492	Marm.	- 983	Hornblende biotite adamellite
C SW NW No.1 State 36-3N-26W Christie-Stewart	6/20/62	2489	3413	3402	Marm.	- 913	Leucogranite
C NE NE No.1 State 36-3N-26W M. W. Volentine	5/16/61	2398	3370	(3320) 3335	Marm.	- 922	Biotite-diopside- hornblende-gneiss
C NE SW No.1 Kurtz 3-3N-27W Nebr. Drillers Inc.	2/17/61	2423	3430	(3405) 3410	Marm.	- 982	Hornblende biotite gneiss

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
C SE SW 6-3N-27W	No.1 Poore Evans et al.	3/2/50	2506	3550	(3544)	Marm.	-1038	*Granitic rock
C NW SE 8-3N-27W	No.1 Theo. Albrecht R. L. Foree	7/19/64	2367	3429	(3406) 3420	Marm.	-1039	*Granofels
C NE NE 8-3N-27W	No.1 Galloway R. L. Foree	4/3/64	2393	3446	(3422) 3431	Marm.	-1029	No sample
C SE SW 10-3N-27W	No.1 Kurtz Thomas Producing Co.	8/3/63	2349	3357	(3322)	Marm.	- 973	No sample
C SW NW 12-3N-27W	No.1-"E" Thomas Brit.-Am. Oil Prod.	9/2/61	2341	3300	(3271) 3294	Marm.	- 930	Leucoadamellite
86 C SW SW 13-3N-27W	No.1 Cochran D. G. Hansen	10/6/61	2427	3391	(3380)	Marm.	- 953	No sample
C NW SW 14-3N-27W	No.5 Fritz Midwest Oil Corp.	12/23/61	2487	3476	3464	Marm.	- 977	No sample
C SW SE 14-3N-27W	No.1 Tiller Champlin Petro. Co.	6/12/61	2476	3428	(3406)	Marm.	- 930	Granite
C SE SW 14-3N-27W	No.2 Tiller Champlin Oil & Ref.	7/18/61	2490	3475	(3420) 3460	Marm.	- 930	Hornblende biotite granite
C NW SE 14-3N-27W	No.3 Tiller Champlin Oil & Ref.	7/29/61	2468	3426	3412	Marm.	- 944	Undescribed
C NE SW 14-3N-27W	No.4 Tiller Champlin Oil & Ref.	10/3/61	2464	3419	(3414)	Marm.	- 950	Undescribed
C SE SE 14-3N-27W	No.1 Tiller-Cochran Champlin Petro. Co.	9/1/61	2465	3419	(3410)	Marm.	- 945	Undescribed

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
C SW SE 15-3N-27W	No.1 Emrich Skelly Oil Co.	7/24/63	2487	3492	(3446)	Marm.	- 959	No sample
C SE SW 15-3N-27W	No.1 Emrich Livingston Oil Co.	7/1/63	2495	3511	(3450) 3509	Marm.	- 955	Granofels
SW SW 15-3N-27W	No.2 Emrich Livingston Oil Co.	6/28/63	2480	3480	3450	Marm.	- 970	Undescribed
C NW SW 15-3N-27W	No.3 Emrich Livingston Oil Co.	7/21/63	2478	3461	3426	Marm.	- 948	Undescribed
C NE SW 15-3N-27W	No.4 Emrich Livingston Oil Co.	7/19/63	2445 Est.	3450	(3396) 3405	Marm.	- 951	Undescribed
C SW NW 15-3N-27W	No.1 Sughrove Skelly Oil Co.	7/29/63	2354	3359	(3332) 3346	Marm.	- 978	Undescribed
SE NW 15-3N-27W	No.1 "A" Sughrove Skelly Oil Co.	1/19/64	2405	3410	(3357) 3404	Marm.	- 952	No sample
NE SE 16-3N-27W	No.1 Emrich Barron Kidd	8/8/63	2309	3392	(3368)	Marm.	- 979	No sample
SE SE 16-3N-27W	No.1 Emrich Skelly Oil Co.	8/5/63	2388	3402	(3370)	Marm.	- 982	*Weathered granofels
SW SW 16-3N-27W	No.1 Emrich Stoeppelwerth Drlg.	8/22/63	2405	3410	(3362) 3394	Marm.	- 957	Biotite granite
C SE NE 16-3N-27W	No.1 State Barron Kidd	5/5/64	2354	3354	(3312) 3338	Marm.	- 958	No sample
C SE NW 16-3N-27W	No.1 Sughrove Stoeppelwerth Drlg.	6/9/65	2359	3384	3335	Marm.	- 976	*Hornblende grano- diorite

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
C SE SE 20-3N-27W	No.1 McConville Sauvage Drlg. Co.	11/26/63	2444	3447	(3420) 3435	Marm.	- 976	Undescribed
C NW NE 21-3N-27W	No.1 Emrich Great Western Oil Co.	10/3/61	2488	3500	(3450) 3480	Marm.	- 962	Biotite adamellite
C SW NW 21-3N-27W	No.1 Emrich Great Western Oil Co.	6/28/61	2465	3487	(3450) 3475	Marm.	- 985	Granite (?)
C SW SE 21-3N-27W	No.1 Wimer Maverick Oil Co.	12/14/62	2509	3542	(3475)	Marm.	- 966	*Biotite granite
C NE NE 21-3N-27W	No.1 Wimer Livingston Oil Co.	7/24/63	2428	3420	(3381) 3390	Marm.	- 953	Undescribed
100 C SE NE 22-3N-27W	No.4 Fritz Skelly Oil Co.	3/15/62	2497	3491	(3448)	Marm.	- 951	Undescribed
C NE NW 22-3N-27W	No.5 Fritz Skelly Oil Co.	7/11/63	2467	3466	(3428)	Marm.	- 961	Undescribed
C SE SE 22-3N-27W	No.4 Fritz Skelly Oil Co.	10/5/61	2517	3536	(3504) 3530	Marm.	- 987	Biotite adamellite
C NE SE 22-3N-27W	No.6 Fritz Skelly Oil Co.	4/3/62	2496	3491	(3465)	Marm.	- 969	Biotite adamellite
NW NW 22-3N-27W	No.1 Wimer Gulf Oil Corp.	9/11/63	2404	3406	(3368)	Marm.	- 964	Undescribed
C NW SW 22-3N-27W	No.2 Wimer C. M. Crawford	5/30/64	2426	3422	(3404)	Marm.	- 978	No sample
C NW NE 23-3N-27W	No.1 Fritz Midwest Oil Corp.	7/6/61	2481	3456	(3412) 3440	Marm.	- 931	No sample

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian	Rock Type
RED WILLOW--Continued									
C SW NE 23-3N-27W	No.2 Fritz Midwest Oil Corp.	7/10/61	2505	3500	(3472) 3488	Marm.	- 967	No sample	
C SE NW 23-3N-27W	No.3 Fritz Midwest Oil Corp.	7/11/61	2516	3517	3489	Marm.	- 973	No sample	
C NE NW 23-3N-27W	No.4 Fritz Midwest Oil Corp.	9/9/61	2509	3510	(3453) 3472	Marm.	- 942	No sample	
C SW NW 23-3N-27W	No.6 Fritz Midwest Oil Corp.	1/22/62	2465	3465	(3426) 3464	Marm.	- 961	No sample	
SW SW 23-3N-27W	No.1 Fritz Skelly Oil Co.	6/10/61	2529	3532	(3500)	Marm.	- 971	Biotite granite	
101 C SE SW 23-3N-27W	No.2 Fritz Skelly Oil Co.	6/22/61	2529	3529	(3500) 3505	Marm.	- 971	Hornblende biotite granite	
C NE SW 23-3N-27W	No.3 Fritz Skelly Oil Co.	6/28/61	2518	3527	(3490) 3511	Marm.	- 972	Biotite leucogranite	
C NW SW 23-3N-27W	No.5 Fritz Skelly Oil Co.	12/30/61	2519	3537	(3491) 3517	Marm.	- 972	Hornblende biotite granite	
C SE SE 23-3N-27W	No.1 Kennedy Skelly Oil Co.	5/18/61	2438	3436	(3404) 3415	Marm.	- 966	Hornblende biotite granite	
C SW SE 23-3N-27W	No.3 Kennedy Skelly Oil Co.	6/8/61	2498	3494	3464	Marm.	- 966	Biotite granite	
C NE SE 23-3N-27W	No.4 Kennedy Skelly Oil Co.	6/15/61	2472	3477	(3442) 3462	Marm.	- 970	Biotite granite	
C NW SE 23-3N-27W	No.5 Kennedy Skelly Oil Co.	7/1/61	2502	3503	(3472) 3500	Marm.	- 970	Undescribed	

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
C SE NE 23-3N-27W	No.1 "A" Lang Skelly Oil Co.	7/24/61	2487	3486	(3444)	Marm.	- 957	Biotite granite
C NE NE 23-3N-27W	No.2 "A" Lang Skelly Oil Co.	10/8/61	2466	3452	(3424)	Marm.	- 958	Biotite leucogranite
SE SW 24-3N-27W	No.1 Baston Champlin Oil & Ref.	5/18/61	2478	3482	(3423) 3448	Marm.	- 945	Biotite granite
C NE SW 24-3N-27W	No.2 Baston Camplin Oil & Ref.	11/10/61	2435	3405	(3385)	Marm.	- 950	Hornblende biotite granite
C SW SE 24-3N-27W	No.1 Burton Texaco Inc.	10/13/61	2397	3380	(3350) 3370	Marm.	- 953	No sample
C SW SW 24-3N-27W	No.2 Kennedy Skelly Oil Co.	5/26/61	2488	3479	(3442) 3470	Marm.	- 954	Biotite granite
SW NW 25-3N-27W	No.1 Barth Midwest Oil Corp.	5/10/61	2488	3476	(3438) 3452	Marm.	- 950	No sample
C NW NW 25-3N-27W	No.2 Barth Midwest Oil Corp.	5/24/61	2512	3500	(3464) 3497	Marm.	- 952	No sample
C SE NW 25-3N-27W	No.3 Barth Midwest Oil Corp.	9/16/61	2484	3483	(3430)	Marm.	- 946	No sample
C NE NW 25-3N-27W	No.4 Barth Midwest Oil Corp.	9/6/61	2452	3476	(3403) 3446	Marm.	- 951	No sample
C SE SW 25-3N-27W	No.1 Barth Murfin Drlg. Co.	5/15/60	2485	3490	(3425)	Marm.	- 940	Biotite granite
C NE SW 25-3N-27W	No.2 Barth Murfin Drlg. Co.	10/12/61	2410	3395	(3462) 3385	Marm.	- 942	Biotite leucoadamel- lite

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian	Rock Type
RED WILLOW--Continued									
C SW SW 25-3N-27W	No.1 Fritz Midwest Oil Corp.	9/2/60	2449	3430	(3386) 3414	Marm.	- 937	No sample	
C NW SW 25-3N-27W	No.6 Fritz Midwest Oil Corp.	9/17/61	2496	3508	(3444) 3490	Marm.	- 948	No sample	
C SW SE 25-3N-27W	No.1 Lang Skelly Oil Co.	10/14/60	2510	3490	(3454) 3470	Marm.	- 944	Undescribed	
C SE SE 25-3N-27W	No.2 Lang Skelly Oil Co.	10/31/60	2427	3401	(3364) 3383	Marm.	- 937	Biotite adamellite	
C NW SE 25-3N-27W	No.3 Lang Skelly Oil Co.	4/26/61	2452	3437	(3302) 3430	Marm.	- 940	Biotite granite	
103 SW SE 26-3N-27W	No.2 Fritz Midwest Oil Corp.	12/21/60	2544	3531	(3492) 3525	Marm.	- 948	No sample	
C NW SE 26-3N-27W	No.3 Fritz Midwest Oil Corp.	4/6/61	2529	3520	(3482) 3498	Marm.	- 953	No sample	
C SE SE 26-3N-27W	No.4 Fritz Midwest Oil Corp.	3/21/61	2516	3500	(3464)	Marm.	- 948	No sample	
NE SE 26-3N-27W	No.5 Fritz Midwest Oil Corp.	4/21/61	2491	3465	(3440)	Marm.	- 949	No sample	
C SW NE 26-3N-27W	No.1 Kennedy Skelly Oil Co.	3/30/61	2498	3512	(3464) 3510	Marm.	- 966	Granite	
C SE NE 26-3N-27W	No.2 Kennedy Skelly Oil Co.	4/22/61	2519	3532	(3484) 3508	Marm.	- 965	Biotite granite	
C NE NE 26-3N-27W	No.3 Kennedy Skelly Oil Co.	4/27/61	2493	3501	(3456) 3490	Marm.	- 963	Biotite granite	

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian	Rock Type
RED WILLOW--Continued C NW NE 26-3N-27W	No.4 Kennedy Skelly Oil Co.	5/16/61	2493	3490	(3460) 3468	Marm.	- 967	No sample
SE SW 26-3N-27W	No.1 Schaffert Midwest Oil Corp.	12/23/60	2547	3528	(3497) 3520	Marm.	- 950	No sample
C SE NW 26-3N-27W	No.1 "A" Schaffert Midwest Oil Corp.	3/31/61	2553	3556	(3513) 3546	Marm.	- 960	No sample
SW SW 26-3N-27W	No.2 Schaffert Midwest Oil Corp.	1/11/61	2577	3570	(3528) 3552	Marm.	- 951	No sample
C SW NW 26-3N-27W	No.2 "A" Schaffert Midwest Oil Corp.	4/17/61	2466	3466	(3426) 3455	Marm.	- 960	No sample
C NW SW 26-3N-27W	No.3 Schaffert Midwest Oil Corp.	2/16/61	2537	3530	(3492) 3508	Marm.	- 955	No sample
C NW NW 26-3N-27W	No.3 "A" Schaffert Midwest Oil Corp.	6/1/61	2528	3528	(3490) 3506	Marm.	- 962	No sample
C NE SW 26-3N-27W	No.4 Schaffert Midwest Oil Corp.	2/28/61	2546	3544	(3500) 3540	Marm.	- 954	No sample
NE NW 26-3N-27W	No.4 "A" Schaffert Midwest Oil Corp.	6/9/61	2551	3563	(3516) 3548	Marm.	- 965	No sample
NW SW 27-3N-27W	No.1 Barber Midwest Oil Corp.	1/14/61	2487	3497	(3464) 3492	Marm.	- 977	Biotite granite
C SE SE 27-3N-27W	No.1 "C" Barber Midwest Oil Corp.	2/3/61	2556	3550	(3515) 3535	Marm.	- 959	No sample
C SE SW 27-3N-27W	No.2 Barber Midwest Oil Corp.	3/13/61	2425	3440	(3400) 3412	Marm.	- 975	No sample

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued C SW SE No.2 "C" Barber 27-3N-27W Midwest Oil Corp.	2/18/61	2479	3483	(3439) 3478	Marm.	- 960	No sample
C NE SW No.3 Barber 27-3N-27W Midwest Oil Corp.	10/4/61	2441	3450	(3416)	Marm.	- 975	No sample
C NE SE No.3 "C" Barber 27-3N-27W Midwest Oil Corp.	2/14/61	2509	3509	(3474)	Marm.	- 965	No sample
C SW SW No.4 Barber 27-3N-27W Midwest Oil Corp.	10/5/61	2472	3490	(3456) 3480	Marm.	- 984	No sample
NW SE No.4 "C" Barber 27-3N-27W Midwest Oil Corp.	4/24/61	2489	3480	(3454) 3475	Marm.	- 965	No sample
105 C SE NE No.1 Fritz 27-3N-27W Midwest Oil Corp.	4/17/61	2468	3463	(3425) 3435	Marm.	- 957	No sample
C NE NE No.2 Fritz 27-3N-27W Midwest Oil Corp.	9/1/61	2508	3511	(3471) 3484	Marm.	- 963	No sample
C SW NE No.1 Fritz 27-3N-27W Skelly Oil Co.	4/17/61	2504	3517	(3478) 3512	Marm.	- 974	Biotite granite
C NW NE No.2 Fritz 27-3N-27W Skelly Oil Co.	8/17/61	2452	3448	(3418) 3430	Marm.	- 966	Biotite granite
C SE NW No.3 Fritz 27-3N-27W Skelly Oil Co.	9/7/61	2424	3425	(3491) 3420	Marm.	- 967	Biotite granite
C SE SE No.1"A" Fidnarik 28-3N-27W Murfin Drlg. Co.	5/20/62	2524	3492	3485	Marm.	- 961	Altered granite (?)
C SE SW No.1 Stoney 28-3N-27W Ben Taylor	12/15/64	2510	3530	(3500) 3516	Marm.	- 990	*Gneissic biotite adamellite

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued C NW NE No.1 Trosper 28-3N-27W Murfin Drlg. Co.	9/18/62	2517	3547	(3500) 3530	Marm.	- 983	Undescribed
C NE NW No.1 Sughrove 29-3N-27W C. & F. Constr. Co.	7/12/62	2482	3494	(3470)	Marm.	- 988	Biotite granodiorite(?)
C NW NE No.1 Malleck 32-3N-27W Woody, Kiel & Burns	8/4/61	2430	3466	(3430) 3440	Marm.	-1000	*Cataclastic granite
C SE SE No.3 "E" Barber 33-3N-27W Midwest Oil Corp.	6/19/61	2501	3518	(3484) 3500	Marm.	- 983	No sample
NE SE No.4 "E" Barber 33-3N-27W Midwest Oil Corp.	7/14/61	2525	3536	(3416) 3521	Marm.	- 991	No sample
106 C SE NE No.1 Fidnarik 33-3N-27W Gulf Oil Corp.	4/29/61	2510	3522	(3490) 3500	Marm.	- 980	No sample
C NE NE No.2 Fidnarik 33-3N-27W Gulf Oil Corp.	12/6/61	2530	3536	(3512) 3530	Marm.	- 982	No sample
C NW SE No.1 "B" Fidnarik 33-3N-27W Murfin Drlg. Co.	5/27/62	2540	3560	(3532) 3536	Marm.	- 992	Altered granite (?)
C SW SE No.1 "A" Barber 34-3N-27W Midwest Oil Corp.	1/20/61	2516	3502	(3480) 3492	Marm.	- 964	No sample
C NW SE No.2 "A" Barber 34-3N-27W Midwest Oil Corp.	1/22/61	2487	3481	(3450) 3470	Marm.	- 963	No sample
C SE SW No.3 "A" Barber 34-3N-27W Midwest Oil Corp.	2/15/61	2538	3552	(3507) 3534	Marm.	- 969	No sample
C NE SW No.4 "A" Barber 34-3N-27W Midwest Oil Corp.	3/10/61	2475	3483	(3448) 3460	Marm.	- 973	No sample

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian	Rock Type
RED WILLOW--Continued								
C NE NE 34-3N-27W	No.1 "B" Barber Midwest Oil Corp.	1/21/61	2526	3520	(3474) 3514	Marm.	- 948	No sample
C SE NE 34-3N-27W	No.2 "B" Barber Midwest Oil Corp.	2/2/61	2541	3522	(3498) 3512	Marm.	- 957	No sample
C SW NE 34-3N-27W	No.3 "B" Barber Midwest Oil Corp.	2/2/61	2469	3452	(3430) 3442	Marm.	- 961	No sample
C NW NE 34-3N-27W	No.4 "B" Barber Midwest Oil Corp.	2/15/61	2460	3463	(3422) 3428	Marm.	- 962	No sample
C SE NW 34-3N-27W	No.1 "D" Barber Midwest Oil Corp.	3/17/61	2443	3434	(3410) 3424	Marm.	- 967	No sample
C NE NW 34-3N-27W	No.2 "D" Barber Midwest Oil Corp.	3/11/61	2449	3461	(3426) 3440	Marm.	- 977	No sample
SW NW 34-3N-27W	No.3 "D" Barber Midwest Oil Corp.	4/15/61	2506	3521	(3480) 3494	Marm.	- 974	No sample
C NW NW 34-3N-27W	No.4 "D" Barber Midwest Oil Corp.	5/9/61	2511	3510	(3488) 3504	Marm.	- 977	No sample
C SW SW 34-3N-27W	No.1 "E" Barber Midwest Oil Corp.	4/26/61	2480	3479	(3444) 3452	Marm.	- 964	No sample
C NW SW 34-3N-27W	No.2 "E" Barber Midwest Oil Corp.	3/11/61	2450	3454	(3420) 3424	Marm.	- 970	No sample
SE SE 34-3N-27W	No.2 Harsch Ohio Oil Co.	1/17/61	2522	3506	(3480) 3490	Marm.	- 958	No sample
NE SE 34-3N-27W	No.7 Harsch Ohio Oil Co.	2/17/61	2462	3450	3420	Marm.	- 958	No sample

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian	Rock Type
RED WILLOW--Continued									
C SE SE 35-3N-27W	No.1 "A" Fritz Midwest Oil Corp.	9/24/60	2554	3553	(3505)	Marm.	- 951	No sample	
C NE SE 35-3N-27W	No.2 "A" Fritz Midwest Oil Corp.	12/11/60	2535	3531	(3484) 3520	Marm.	- 949	No sample	
C SW NE 35-3N-27W	No.3 "A" Fritz Midwest Oil Corp.	11/19/60	2543	3530	(3476) 3530	Marm.	- 933	No sample	
C NW NE 35-3N-27W	No.4 "A" Fritz Midwest Oil Corp.	12/12/60	2533	3517	(3478) 3502	Marm.	- 945	No sample	
SE NE 35-3N-27W	No.5 "A" Fritz Midwest Oil Corp.	11/21/60	2503	3501	(3448) 3482	Marm.	- 945	No sample	
C NE NE 35-3N-27W	No.6 "A" Fritz Midwest Oil Corp.	12/6/60	2486	3469	(3428) 3451	Marm.	- 942	No sample	
C SW SW 35-3N-27W	No.1 Harsch Ohio Oil Co.	1/17/61	2501	3489	(3462) 3476	Marm.	- 961	No sample	
C NE NW 35-3N-27W	No.3 Harsch Ohio Oil Co.	1/13/61	2575	3570	(3526) 3555	Marm.	- 951	No sample	
C SE NW 35-3N-27W	No.4 Harsch Ohio Oil Co.	2/24/61	2568	3553	(3506) 3547	Marm.	- 938	Undescribed	
C NW SW 35-3N-27W	No.5 Harsch Ohio Oil Co.	3/10/61	2538	3524	(3490) 3510	Marm.	- 952	No sample	
NW NW 35-3N-27W	No.6 Harsch Ohio Oil Co.	2/17/61	2565	3545	(3512) 3539	Marm.	- 947	*Biotite schist	
SW NW 35-3N-27W	No.8 Harsch Ohio Oil Co.	3/17/61	2534	3518	(3482) 3500	Marm.	- 948	No sample	

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued							
C NE SE 35-3N-27W	No.35-10 Hayes Pubco Petro. Corp.	10/31/60	2549	3537	(3500) 3518	Marm. - 951	Granite
C NE SW 35-3N-27W	No.35-11 Hayes Pubco Petro. Corp.	12/6/60	2563	3547	(3508) 3540	Marm. - 945	Biotite leucogranite
C SE SW 35-3N-27W	No.35-14 Hayes Pubco Petro. Corp.	11/29/60	2542	3532	(3504) 3522	Marm. - 962	Hornblende biotite granite
C SW SE 35-3N-27W	No.35-15 Hayes Pubco Petro. Corp.	10/19/60	2566	3568	(3519) 3560	Marm. - 953	Adamellite
C NW NE 36-3N-27W	No.1 State Murfin Drlg. Co.	11/23/60	2523	3509	(3462) 3483	Marm. - 939	Biotite granite
C NE NE 36-3N-27W	No.2 State Murfin Drlg. Co.	12/5/60	2480	3546	(3421) 3440	Marm. - 941	Granite and granofels
NE NW 36-3N-27W	No.1-36 State U.S.Smelt.,Ref.	9/13/60	2508	3495	(3455) 3483	Marm. - 947	No sample
SW SW 36-3N-27W	No.2-36 State U.S.Smelt.,Ref.	10/5/60	2567	3555	(3518) 3550	Marm. - 951	No sample
C SE NW 36-3N-27W	No.3-36 State U.S.Smelt.,Ref.	10/31/60	2535	3535	(3484) 3518	Marm. - 949	No sample
C NW SW 36-3N-27W	No.4-36 State U.S.Smelt.,Ref.	11/2/60	2527	3520	(3482)	Marm. - 955	No sample
C SW NW 36-3N-27W	No.5-36 State U.S.Smelt.,Ref.	12/16/60	2499	3500	(3449)	Marm. - 950	No sample
C NW NW 36-3N-27W	No.6-36 State U.S.Smelt.,Ref.	12/23/60	2479	3480	(3424)	Marm. - 945	No sample

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
C SE SW 36-3N-27W	No.7-36 State U.S.Smelt.,Ref.	3/2/61	2549	3550	(3500) 3540	Marm.	- 951	No sample
SW NE 36-3N-27W	No.8-36 State U.S.Smelt.,Ref.	5/8/62	2530	3494	(3470) 3485	Marm.	- 940	No sample
C NE SE 1-3N-28W	No.1 Hotze Nat'l Assoc. Petro.	3/17/60	2482	3559	(3522)	Cher.	-1040	Leucoadamellite
C SE NW 2-3N-28W	No.1 Mihm Amerada Petro.Corp.	1/13/62	2492	3572	(3530) 3556	Cher.	-1038	Hornblende biotite schist
C NW NW 7-3N-28W	No.1 Randel Burch Drlg. Co.	10/29/61	2546	3731	(3690) 3716	Cher.	-1144	Biotite schist
C SE NW 9-3N-28W	No.1 Longnecker Murfin Drlg. Co.	6/25/61	2531	3631	(3580) 3615	Marm.	-1049	Chlorite adamellite
C SW SW 11-3N-28W	No.1 Winters Genco Oil Co. Inc.	3/6/61	2432	3493	(3470) 3482	Cher.	-1038	No sample
C SE SW 16-3N-28W	No.1 Ruggles Eifler & Gray	8/27/63	2410	3494	(3448) 3490	Marm.	-1038	*Gneissic quartz diorite
C SE SW 22-3N-28W	No.1 Jones E.L.K. Oil Co.	7/27/61	2424	3506	(3450) 3497	Marm.	-1026	Hornblende biotite quartz diorite
C SW SE 25-3N-28W	No.1 Lord Okmar Oil Co.	2/2/61	2537	3550	(3536) 3548	Marm.	- 999	Biotite granite
C NE NW 26-3N-28W	No.1 Baumbach Nat'l Assoc. Petro.	10/20/61	2498	3580	(3522) 3573	Marm.	-1024	Hornblende biotite granite
C SE NW 29-3N-28W	No.1 Brady Kimbark Expl. Co.	4/19/62	2428	3520	(3474) 3512	Cher.	-1046	Leucoadamellite

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued C SW SW No.1 Norris 30-3N-28W K & E Drlg. Inc.	6/13/61	2439	3550	(3509) 3528	Marm.	-1070	Biotite hornblende adamellite
C SW SE No.1 Norris 30-3N-28W Ben J. Taylor	7/26/64	2462	3573	(3507)	Marm.	-1045	No sample
NW NW No.1 Crocker 32-3N-28W Marathon Oil Co.	4/22/64	2513	3612	(3540) 3600	Marm.	-1027	Granofels
NE NE No.1 Gettman 33-3N-28W M. W. Volentine	10/10/58	2515	3512	3500	Marm.	- 985	Foliated adamellite
C NW NW No.1 Neel 3-3N-29W K & E Drlg. Inc.	5/18/61	2588	3790	(3770) 3780	Cher.	-1182	Leucoadamellite
III C SW NW No.1 "A" Schow 5-3N-29W Strata Oil Co.	3/27/61	2651	3941	3930	Cher.	-1279	Biotite schist
C NE NE No.1 "B" Schow 5-3N-29W Strata Oil Co.	8/5/61	2651	3915	(3890) 3900	Cher.	-1239	Biotite schist and leucoadamellite
C SW NE No.1 Schow 17-3N-29W Strata Oil Co.	11/19/60	2581	3915	3895	Cher.	-1314	Leucoadamellite
C NW NE No.1 Potthoff 22-3N-29W M. W. Volentine	10/31/58	2560	3774	(3736) 3756	Cher.	-1176	Biotite adamellite
C SW SE No.1 Pearson 2-3N-30W John O. Farmer	11/8/61	2586	4095	(4058) 4085	Camb.	-1472	Hornblende biotite schist
C NW SE No.1 Fugua 3-3N-30W Tenneco Oil Co.	8/22/62	2602	4080	4075	Camb.	-1473	Hornblende biotite gneiss
C SE NE No.1 Olson 22-3N-30W M. P. Gilbert	8/15/56	2595	4112	(4090) 4100	Camb.	-1495	Granofels

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
C NW NW 29-3N-30W	No.1-29 Sutton Exeter Drlg. Co.	10/30/61	2528	4058	(4022) 4036	Camb.	-1494	Granofels
C SE SE 32-3N-30W	No.1 Stevens J. K. Wadley	11/14/59	2711	4200	(4184)	Camb.	-1473	Granite
C SE SW 35-3N-30W	No.1 Sutton Geochemical Surveys	3/3/62	2508	3969	(3938) 3950	Camb.	-1430	Granofels
C NW NW 3-4N-26W	No.1 "A" Weir Texaco Inc.	8/10/61	2466	3362	(3314) 3357	Marm.	- 848	Biotite adamellite
C SE NW 8-4N-26W	No.1 Walkington Arvel C. Smith	11/10/63	2521	3531	(3464) 3480	Marm.	- 943	*Granofels over biotite schist
C SE SE 11-4N-26W	No.1 Kelly Interstate Nat'l Gas	5/7/61	2406	3360	(3342) 3362	Marm.	- 936	Gneissic hornblende biotite adamellite
C NW SE 16-4N-26W	No.1 Bede M. W. Volentine	9/11/61	2487	3396	(3380) 3385	Marm.	- 893	Granofels
C SW NE 26-4N-26W	No.1 Kester Okmar Oil Co.	3/6/61	2420	3347	3338	Marm.	- 918	Granofels
C NE NE 29-4N-26W	No.1 Durner Interstate Nat'l Gas	4/26/61	2399	3439	(3408) 3430	Cher.	-1009	No sample
C NW SE 31-4N-26W	No.1 Stritt Pan American	12/11/63	2365	3335	(3315) 3323	Marm.	- 950	No sample
C SE SE 32-4N-26W	No.1 Mues Rains & Williamson	3/30/63	2344	3299	(3274) 3280	Marm.	- 930	*Granofels
C SW NE 3-4N-27W	No.1 Moore Franco-Central Oil	1/24/62	2519	3472	(3460)	Marm.	- 941	Granofels

Location County, Sec. & Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
C SE SW 7-4N-27W	No.1 Randel Simmons Oil Co.	12/6/62	2602	3637	(3610) 3627	Cher.	-1008	No sample
C SW NE 12-4N-27W	No.1 Kehr Miami Petro. Co.	4/5/61	2490	3453	(3430) 3446	Marm.	- 940	Granofels
C NE NE 15-4N-27W	No.1 "B" Rosier Miami Petro. Co.	3/31/61	2448	3462	(3412)	Cher.	- 964	Altered granofels (?)
C NW SW 17-4N-27W	No.1 Schmidt Ben J. Taylor	10/15/63	2529	3583	(3512) 3530	Marm.	- 983	*Granofels
C NE NW 24-4N-27W	No.1 Moore Interstate Nat'l Gas	4/14/61	2490	3490	(3470) 3480	Cher.	- 980	Pyroxene biotite schist
11 C SW SW 25-4N-27W	No.1 Callen Murfin Drlg. Co.	3/30/61	2403	3435	(3410) 3424	Cher.	-1007	Hornblende biotite schist
C SW NW 27-4N-27W	No.1-A Neumann McAlester Fuel Co.	1/5/62	2505	3559	(3522) 3530	Cher.	-1017	Biotite hornblende schist
C SE SW 28-4N-27W	No.1 Schmidt Robert W. Kirk	12/10/62	2500	3557	(3519) 3552	Cher.	-1019	*Granitic gneiss
C SW NE 29-4N-27W	No.1 Wyrick Jerome A. Lewis	6/15/61	2520	3565	(3526) 3534	Cher.	-1006	Granofels
C SE SE 6-4N-28W	No.1 Zink Burch Drlg. Co.	10/11/61	2645	3812	(3752)	Cher.	-1107	Biotite schist
C SW SW 10-4N-28W	No.1 Ernst Burch Drlg. Co.	9/26/60	2659	3765	(3720) 3745	Cher.	-1061	Clinopyroxene biotite schist
C SW NW 13-4N-28W	No.1 McCollum Indianola Oil Co.	7/11/51	2576 (DF)	3621	3606	Cher.	-1030	Biotite schist

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued							
C SW SW SE 14-4N-28W No.1 Anderson Indianola Oil Co.	6/17/53	2547	3610	(3567) 3604	Cher.	-1020	Schist and granofels
C NW NW 17-4N-28W No.1 Keen Okmar Oil Co.	2/19/61	2621	3790	(3716) 3728	Cher.	-1095	Granofels
C NW SW 21-4N-28W No.1 "A" Kircher W. T. Waggoner	5/14/63	2613	3714	(3694) 3702	Cher.	-1081	*Biotite schist
C SE NE NW 23-4N-28W No.1 Reiners Indianola Oil Co.	7/30/54	2552	3567	(3552) 3562	Cher.	-1000	Biotite gneiss
C SE NE 24-4N-28W No.1 Schmidt Burch Drlg. Co.	9/10/60	2560	3640	(3570)	Cher.	-1010	Biotite leucoalumite
C SW SW 26-4N-28W No.1 Carmichael Tom Jordan	6/16/61	2565	3636	(3604) 3623	Cher.	-1039	Granofels
C SE SW 27-4N-28W No.1-X Kircher Alpine Oil Co.	12/19/61	2477	3600	(3548) 3600	Cher.	-1071	Granofels (?)
C NE NW 27-4N-28W No.1 Kircher Okmar Oil Co.	2/27/61	2558	3655	(3606) 3642	Cher.	-1048	*Hornblende schist and granofels
C SE NE 29-4N-28W No.1 Kircher Tenneco Oil Co.	11/10/62	2587	3683	(3668) 3674	Cher.	-1081	*Gneissic quartz diorite
C SE NE 30-4N-28W No.1 Masters Nebr. Drillers	1/8/61	2552	3692	(3650) 3682	Cher.	-1098	Granofels
C NE SE 34-4N-28W No.1 Neims Ferguson-Murfin	3/15/61	2512	3620	(3586) 3603	Cher.	-1074	Layered hornblende gneiss and schist
C NE SW 35-4N-28W No.1 Mihm Kimbark Expl. Co.	4/27/62	2510	3592	(3558) 3586	Cher.	-1048	Granofels

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued							
SE NW 17-4N-29W	No.1 G. Cain U.S. Smelting	2/1/63	2650	3883	(3736) 3830	Cher.	-1086 *Granodiorite over hornblende-ortho- pyroxene schist
C SW NW 18-4N-29W	No.1 Koetter Rex Monahan	12/7/64	2716	4086	(4066) 4074	Camb.	-1350 *Granofels
C SW NW 22-4N-29W	No.1 Larington Brinkerhoff Drlg.	8/24/61	2529	3694	3668	Cher.	-1139 Granofels
C NW NW NW 31-4N-29W	No.1 Murphy Mast Drlg. Co.	7/6/57	2738	4188	(4177) 4186	Camb.	-1439 Granofels
C SW SW 35-4N-29W	No.1 Potthoff J. A. Lewis	8/25/61	2622	3816	(3792) 3803	Cher.	-1170 Biotite adamellite
115 C SW SW 36-4N-29W	No.1 State Nebr. Drillers	12/31/60	2570	3722	(3687) 3715	Cher.	-1117 Biotite gneiss
C NE SW 4-4N-30W	No.1 Madison Burch Drlg. Co.	5/7/61	2764	4190	(4184)	Reag.	-1420 No sample
C NW NW SE 6-4N-30W	No.1 Barger M. P. Gilbert	6/9/56	2768	4250	(4235) 4243	Camb.	-1467 Muscovite biotite schist
C SE NE SE 8-4N-30W	No.1 Thompson Lohman-Johnson Drlg.	9/10/56	2782	4277	(4252) 4256	Camb.	-1470 Biotite gneiss
C SW SW SE 12-4N-30W	No.1 Doyle M. W. Volentine	5/4/57	2704	4092	(4074) 4086	Camb.	-1370 Granofels
C NE NE 15-4N-30W	No.1 Klehn Arvel C. Smith	12/12/63	2786	4200	(4172) 4185	Camb.	-1386 *Granofels
C NE SE 17-4N-30W	No.1 Hill Blair & Assoc.,Murfin	12/10/61	2734	4259	(4225) 4250	Camb.	-1491 Granofels (?)

Location County, Sec. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RED WILLOW--Continued								
C SW NE 24-4N-30W	No.1 Shafer Strata Oil Co.	11/29/60	2721	4157	(4124) 4144	Camb.	-1403	Granofels
C SW SW 27-4N-30W	No.1 St. John Ohio Oil Co.	4/23/61	2707	4165	4155	Camb.	-1448	No sample
C SW SE 33-4N-30W	No.1 Friehe Burch Drlg.	6/16/61	2601	4125	(4070)	Camb.	-1467	Granofels
C NW SW 35-4N-30W	No.1 Schultz Burch Drlg. Co.	4/5/62	2692	4176	4147	Camb.	-1455	Orthopyroxene horn- blende granulite
RICHARDSON								
C NW SE 14-1N-13E	No.1 Stalder Ferguson Oil Co.	9/13/61	1163	3603	3600	Ord.	-2437	Foliated biotite grano- diorite
116 C NW NW 30-1N-13E	No.1 Haight R. L. Miller	9/23/47	1145 (DF)	772	695	Marm.	+ 450	Hornblende schist over biotite hornblende gneiss
C SE NE 32-1N-13E	No.1 Harlow Stevens & Uhri	4/10/39	1112 (DF)	804	750	Marm.	+ 362	*Biotite granite
SE SE SW 2-1N-14E	No.4 Kavas Palensky & Sons	10/17/54	943	3282	3277	Camb.	-2334	No sample
SE SE SE 9-1N-14E	No.1 Ogile Arab-Kerlyn Oil Co.	11/5/37	1071	3424	3419	Ord.	-2350	Granite (?)
C NE SE NE 10-1N-14E	No.1-A State Bank Capitol Petr. Corp.	4/7/59	943	3289	3289	Camb.	-2346	*Gneissic granite
SW NE NW 11-1N-14E	No.A-3 Miles Nemaha Oil Co.	7/18/58	951	3296	3284	Camb.	-2333	No sample
NE NW 11-1N-14E	No.A-4 Miles Nemaha Oil Co.	10/22/60	949	3286	3272	Camb.	-2323	No sample

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RICHARDSON--Continued								
C NW NW SE 14-1N-14E	No.1 Edelman H.H.Thege et al.	12/21/54	1013	3494	3480	Camb.	-2467	Mylonite
C NE NW 17-1N-14E	No.1 Lyle Wittwer Cabot Corp.	10/21/63	1002	3438	3404	Ord.	-2402	Cataclastic gneiss
SW NW 23-1N-14E	No.1 Shellenberger Humble Oil & Ref.	5/12/60	1153	3565	3556	Camb.	-2403	*Gneissic hornblende granite
C NE SE NE 26-1N-14E	No.1 Albin B. F. Morgan	11/33	1034 (DF)	3500	3500	Ord.	-2466	No sample
C NW SE 30-1N-15E	No.1 Pullman Cattle Cabot Corp.	10/8/63	1084	3976	(3940) 3960	Camb.	-2856	Cataclastic foliated granite
C SW SW 5-2N-13E	No.1 Kalous J. E. Palensky	4/3/41	1008	1956	1902	Ord.	- 894	Biotite gneiss
C SE NE 6-2N-13E	No.1 Kalous Strat. W. H. Pine	5/28/61	1053	1840	1820	Ord.	- 767	Mylonite
C NW NW SE 24-2N-13E	No.1 Kotouc O. A. Sutton	12/3/57	1041	3624	3620	Ord.	-2579	Granite (?)
C NE NE NE 29-2N-13E	No.1 Horalek E. H. Towle et al.	7/2/42	1143	1822	1821	Ord.	- 678	No sample
NE 29-2N-13E	No.29A-2-13 Strat. Skelly Oil Co.	1942	1140	1822	1821	Ord.	- 676	*Gneissic adamellite
C SE SW 30-2N-13E	No.1 Tablerock Phillips Petr. Co.	8/22/61	1089	1526	1466	Ord.	- 377	Basalt
C NE NE NE 32-2N-14E	No.1 Funk Tomer Operating Co.	9/27/55	1063	3563	3555	Camb.	-2492	Biotite gneiss

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
RICHARDSON--Continued								
SE NE SE 2-2N-16E	No.1-A Husted Capital Petr.	10/6/57	1089	3937	3930	Camb.	-2841	No sample
C NE NW 35-2N-17E	No.1 Boose et al. Cabot Corp.	9/16/63	1046	4070	4031	Camb.	-2985	Leucoadamellite
C NE NE SE 28-3N-13E	No.1 Boomgarn O. A. Sutton	12/9/57	1127	2101	2082	Ord.	- 955	Biotite granite
C SE SW 30-3N-13E	No.1 Whitney Strat. W. H. Pine	6/11/61	1113	995	991	Ord.	+ 122	Mylonite
C SW SE 31-3N-13E	No.1 Munson Strat. W. H. Pine	6/3/61	1080	1665	1655	Ord.	- 575	Biotite gneiss
C SW SW SW 11-3N-14E	No.1 Schmidt O. A. Sutton	12/23/57	1059	3821	3814	Ord.	-2755	No sample
C SE SE NE 4-3N-16E	No.3 Lewis-Shubert Phillips Pet. Co.	1/27/56	1099	4077	4072	Camb.	-2973	Muscovite biotite adamellite
C NW NW NW 8-3N-16E	No.1 Berg-Shubert Phillips Pet. Co.	11/24/55	1061	4050	4041	Camb.	-2980	Muscovite biotite adamellite
ROCK								
C NW NW 9-25N-17W	No.1 Jordan H. L. Hunt	2/6/62	2493	3258	3197	Ord.	- 704	Hornblende biotite schist
C SW SE 22-25N-17W	No.1 C.W. Gurney H. L. Hunt	1/27/62	2454	3261	3238	Ord.	- 784	Muscovite biotite schist
NE NE 14-25N-19W	No.1 Buell Estate H. L. Hunt	12/30/61	2492	3322	3254	Ord.	- 762	Muscovite biotite schist
SE SW 22-26N-18W	No.1 Saar H. L. Hunt	1/15/62	2542	3250	3202	Ord.	- 660	Biotite chlorite schist

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
ROCK--Continued							
NE NE 26-27N-19W	No.1 L. Brown H. L. Hunt	1/22/62	2530	3226	3121	Ord. - 596	Biotite schist
SE SW NW 10-30N-19W	No.2 Hillburg Bassett Oil & Gas	10/28/21	2323	2965	2820	Ord. - 497	Hornblende schist (?)
C NE NE 24-31N-18W	No.1 Copple Serl Hutton	12/8/59	2249	2821	2738	Ord. - 489	Muscovite biotite schist
SALINE							
C SW SW SE 35-8N-2E	No.1 Arnold T. G. Kleinholz	6/5/56	1442	2876	2859	Camb. -1417	Muscovite biotite schist
SARPY							
NW NW SW 3-12N-11E	No.1 Seibold Allen & Sheritt	5/6/42	1172 (DF)	1325	1315	Ord. - 143	Argillite
C NE 20-13N-11E	No.11 Strat. Northern Natural Gas	5/28/53	1092	1180	1177	Ord. - 85	Olivine basalt
SW SE SW 23-13N-11E	No.1 Strat. Northern Natural Gas	3/19/53	1090	1218	1215	Ord. - 125	Metabasalt
SW SW 23-13N-12E	No.1 Urhammer K. C. Schuyler	4/4/29	1053 (DF)	1310	1310	Ord. - 257	No sample
NW SE 23-14N-12E	No.1 Rahn Victor Jeep	11/16/30	1114 (DF)	1909	1850	Camb. - 736	Altered gabbro
SAUNDERS							
NE NE NE 33-13N-7E	No.1 Johnson Pyramid Oil Co.	10/30/50	1230	1663	1589	Camb. - 359	Metabasalt
C SW SE NW 28-13N-8E	No.1 Rodenslaben Chester Williams	4/21/62	1220	1975	1790	Camb. - 570	Ophitic basalt

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
SAUNDERS--Continued							
NW NW NW 6-13N-10E	No.21 Strat. Northern Natural Gas	10/2/53	1080	1195	1182	Ord.	- 102 Sandstone
SW SE NW 11-15N-7E	No.1 Koutney Todd Valley Dev. Co.	7/10/50	1240	2700	1670	Camb.	- 430 Arkosic sandstone and argillite
C SE SE 33-15N-8E	No.1-44-33 Nygren Superior Oil Co.	2/7/62	1216	1843	1788	Camb.	- 572 Argillaceous sandstone
SE NE 5-16N-8E	No.1-A Forester Midland Oil Co.	11/35	1373 (DF)	2204	2187	Camb.	- 814 *Arkosic sandstone
SEWARD							
E/2 SE NE 23-9N-4E	No.1 Markle Nebr. Drlg. Corp.	6/12/50	1464	2277	2133	Camb.	- 669 Ophitic basalt
120 C SE NW 14-10N-4E	No.22-14 Ihde Superior Oil Co.	1/28/61	1410	2834	2605	Camb.	-1195 Argillaceous sandstone
SHERIDAN							
C SW SE 20-24N-41W	No.1 Ada Finegan Tucker Drlg. & Beer	2/22/63	3923	5104	5065	Marm.	-1142 Biotite granite
C NW SE 10-26N-42W	No.1 Musser-Mosler Texaco-Seaboard Inc.	7/6/58	3948	4626	4592	Marm.	- 644 Cataclastic biotite adamellite
SE NW 20-26N-44W	No.1 Caldwell Texaco Inc.	4/22/62	3860	4645	4636	Cher.	- 776 Chlorite adamellite
C NE NE 17-26N-46W	No.1 Krause Lucerne Corp.	9/4/52	3917	4682	4630	Cher.	- 713 Biotite hornblende gneiss
SE NE 19-27N-44W	No.1 Herman Tucker Drlg. & Beer	3/18/63	3853	4302	4275	Marm.	- 422 Biotite hornblende gneiss
C SW SE 33-28N-43W	No.1 Eckerle Tucker Drlg. & Beer	3/4/63	4035	4454	4412	Marm.	- 377 Granite (?)

Location County, Sec. Twp. & Rge.	Operator, Lease & Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian	Rock Type
SHERIDAN--Continued									
C SE NE 14-28N-46W	No.1 H.J. Nickels Tucker Drlg. & Beer	2/27/63	3789	3844	3800	Marm.	- 11	Granofels	
C NE NE 14-30N-45W	No.1 Peterson Hassie-Hunt Trust	12/5/51	3771	3047	2910	L-KC	+ 861	No sample	
C SE 22-31N-46W	No.1 Demmer Ohio Oil Co.	1935	3875 (GL)	2815	2751	Marm.	+1123	Chlorite schist	
C SE SE SE 16-32N-45W	No.1 State S. D. Johnson	9/23/51	3920	3051	(2988) 3015	L-KC	+ 932	Biotite gneiss	
C NW SW SW 24-32N-46W	No.17-24 Murray Superior Oil Co.	12/24/50	3990	3041	3011	Marm.	+ 979	Biotite hornblende schist	
NE SW 27-33N-43W	No.1 Cerny Rodgers Badgett	11/20/61	3784	3698	3665	L-KC?	+ 119	Hornblende biotite granodiorite, gneissic	
SHERMAN									
NE NW 21-15N-13W	No.1 Gawrych Sun Oil Co.	10/22/65	2099	3680	3675	Camb.	-1576	No sample	
C NW NW 7-16N-13W	No.1 Spotanski Superior Oil Co.	3/1/61	2121	3531	3502	Camb.	-1381	Biotite quartz diorite	
SIOUX									
C SE NE 13-27N-57W	No.1 Hatch Continental Oil Co.	12/19/62	4720	8286	8233	Miss.	-3513	Hornblende biotite granodiorite	
C NW NW SE 17-27N-57W	No.1 Newell Magnolia Petr. Co.	10/14/54	4630	8222	8022	Miss.	-3392	Biotite muscovite gneiss	
C SW SW 27-28N-56W	No.1 Cherry Continental Oil Co.	2/16/63	4520	7666	7658	Miss.	-3138	No sample	

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
SIOUX--Continued							
NW NW NW 10-29N-57W	No.1 Wear Continental Oil Co.	9/27/51	4790	7465	7456	Miss. -2666	No sample
C SW NE NW 27-30N-56W	No.1 Mann California Oil Co.	5/16/51	4769	7278	7210	Miss. -2479	Biotite hornblende gneiss
C NE NE 23-31N-54W	No.1 Oldaker San Jacinto Petr.	1/17/63	4584	6569	6532	Miss. -1948	Biotite schist
C SW SE 4-33N-54W	No.1 Serres Tucker Drlg. & Beer	2/18/63	3863	5220	5210	Miss. -1347	Biotite granite
C SW SE 10-34N-54W	No.1 Federal-Geiser Amerada Petr. Corp.	7/21/46	3667	4562	4551	Miss. - 884	Biotite adamellite
STANTON							
122 SW SW SE 12-21N-1E	No.1 Hunt W. & M. Oil Co.	6/4/54	1831	2692	2688	Camb. - 857	Recrystallized silicic volcanic
C NW SW SW 9-23N-1E	No.1 Collins Trans-Era Petr. Inc.	6/19/53	1491	2390	2295	Camb. - 804	Cataclastic gneiss
THAYER							
S/2 SE SW 33-3N-1W	No.1 Willems-Naiman Carter & Bauman	12/4/58	1525	3380	3380	Camb. -1855	Hornblende biotite monzonite
VALLEY							
C NW SW 29-18N-13W	No.1 Williams Bredthauer et al.	7/6/41	2075	3535	3509	Camb. -1434	Gabbro
C NW NW NE 6-19N-16W	No.1 Valla Shell Oil Co.	7/21/53	2451	3513	3505	Camb. -1054	Hornblende adamellite
WHEELER							
C NE NE 15-21N-9W	No.1 Justus Ned Biffle Oil Int.	11/27/60	2140	3313	3255	Camb. -1115	No sample

Location County, Sec. Operator, Lease & Twp. & Rge. Well Designation	Comple- tion Date	Eleva- tion (Feet)	Total Depth (Feet)	Depth to Prec.	Over- lying Unit	Prec. Elev.	Precambrian Rock Type
WHEELER--Continued							
C NE NW 7-21N-10W	No.1 Senn J. E. Jones	8/21/61	2176	3287	3265	Camb. -1089	Hornblende biotite schist
C SW SW 12-21N-10W	No.1 Swiatek Ned Biffle Oil Int.	12/13/60	2173	3340	3335	Camb. -1162	Granite
C SE NE NE 3-21N-12W	No.1 Gibbs Kay Oil Co.	11/27/53	2135	3273	3266	Camb. -1131	Biotite hornblende gneiss
C NE NE SE 20-22N-11W	No.1 Pflugge R.S.Development Co.	12/20/50	2110	3267	3186	Camb. -1075	Chlorite schist
SW NE SW 26-22N-12W	No.1 Parks Central Nebr. Oil	10/25/52	2195	3309	3307	Camb. -1112	Amphibolite
YORK							
SW SW SW 11-12N-2W	No.1 Roehr York Development Co.	5/30/50	1655+	3000	2990	Camb. -1305	Granofels