

WELL LOG  
 Date About 1940 19\_\_\_\_ Number WELL No. 1  
36/19 - 16 Q 1

Recorded by E. G. Favell, Lakeview Source \_\_\_\_\_

County \_\_\_\_\_ Area \_\_\_\_\_

Quadrangle 4 miles W. of Lakeview on Highway 66(?) sec. 16 T 39 N/S., R 19 E/W.

Drillers - Edwards, A. G. Beaty, and F. A. Dahl

(Drilling Company and Address)

Method of Drilling Rotary Date \_\_\_\_\_ 19\_\_\_\_

Lakeview Oil Company

(Property Owner and Address)

Land surface, datum \_\_\_\_\_ ft. above below

Material	Thickness (feet)	Depth (feet)	Remarks
<u>Drillers' designation</u>			<u>Writer's comment</u>
Sand and clay	130	130	
Gravel	5	135	
Sand	10	145	
Gravel	3	148	
Sand and clay	90	238	
Sand, loose; lost circulation of mud.	56	294	Probable water-bearing zone
Sand, clay, and shale	946	1240	Alternating layers of variable thickness. Shale, probably clay blue. Core at 1115 feet, loose gray clay.
Shale	22	1262	Probably clay
Sand, hard	7	1269	
Shale, fairly tough with thin sand layers	45	1314	
Shale, tough	46	1360	
Shale, hard, brown	20	1380	Possible volcanic rock

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Material	Thickness (feet)	Depth (feet)	Remarks
Shale, sandy	15	1395	Probably clay
Shale, tough	5	1400	do
Shale, blue	25	1425	do
Sand and clay, light blue	30	1455	
Shale, tough	121	1576	Fragment of core sample taken at 1575' is clay, uniform, plastic, green and purplish color.
Shale, hard	3	1579	
Shale, tough	49	1628	
Shale, hard	45	1673	Frag. taken from 1650' is clay, gritty, plastic purplish in color. Fragment taken at 1674' is dense, fine-grained, pink colored felsite or rhyolite ash or tuff.
Shale, tough	100	1773	
Shale, hard	22	1795	
Shale, tough	4	1799	
Shale, sandy (thin sand shells)	26	1825	
Shale, sandy	25	1850	
Clay, red	5	1855	
Shale and sand	20	1875	
Shale	10	1885	
Shale, tough	10	1895	
Sand	10	1905	
Sand and shell, hard; streaks of shale, alternating layers.	400	2305	
Sand, hard	35	2340	
Shale, sticky	4	2344	Two fragments taken from well at 2340 feet are clay, uniform, plastic, tough, nearly black, greenish, and purple colors.
Shell, hard	1	2345	

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County \_\_\_\_\_ Area \_\_\_\_\_

Quadrangle \_\_\_\_\_ sec. \_\_\_\_\_ T \_\_\_\_\_ N/S., R \_\_\_\_\_ E/W.

Lakeview Oil Company

(Drilling Company and Address)

Method of Drilling \_\_\_\_\_ Date \_\_\_\_\_ 19\_\_\_\_

(Property Owner and Address)

Land surface, datum \_\_\_\_\_ ft. above below

Material	Thickness (feet)	Depth (feet)	Remarks
Shale, tough, hard, sandy, sticky, alternating with hard sand layers.	209	2554	
Shale, hard	23	2577	Fragment from well at 2560' is clay, gritty, some mica flakes, faint, dark purplish color.
Shale, sandy	17	2594	
Shale, tough	2	2596	Fragment of core at depth of 2595' is darker, fine-grained basalt.
Shale, hard, conglomerate in core bottom	8	2614	At 2606' hard rock is light gray volcanic (rhyolite.)
Conglomerate, used rock bit	17	2631	
Shale, hard	30	2661	
Shale, sandy and hard	22	2683	
Hard rock	9	2692	
Sand, hard, no rock near bottom	28	2720	2 days' drilling - 20 feet.
Sand, hard	64	2784	Section of core taken 2784' black, fine grained, contains limonite altered from magnetite octahedrons.

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Material	Thickness (feet)	Depth (feet)	Remarks
Sand, hard, and shale	13	2797	
Sand, hard	8	2805	
Shale, hard, tough, sticky	4	2809	Probably clay
Sand, hard, lost circulation	29	2838	Probably water-bearing zone
Sand	2	2840	
No record	5	2845	Possibly encountered bedrock here
Sand, hard	2	2847	
No record (says 3)---(8)		2855	
Hard	4	2859	
Sand, hard	2	2861	
No record	5	2866	
Core	1	2867	Core not seen
No record, end of hole in volcanic rock.	11	2878	Section of core taken at 2870' is basalt, dense, black. Contains cavity fillings of opaline silica. Section of core taken at 2874' is altered volcanic rock. Contains tiny biotite flakes, some talc, and needles of hornblende?

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