

15.185-10179.0000

LOG OF THE RICHARDSON #1

ELEVATION

LOCATION: SE, SW, SECTION 10-24-11, STAFFORD COUNTY, KANSAS

DRILLED FOR C. L. CARLOCK

BY GERBRAND-PULSE OIL & DRILLING CO.,

COMMENCED: MAY 19, 1938 - ROTARY TOOLS - COMPLETED JUNE 10, 1938

Surface	29	Shale	3300
Sand	120	Lime	3330
Hard Sand & Red Rock	219	Shale	3377
Red Shale & Shells	960	Shale and Lime	3418
Shale and Shells	1500	Lime	3640
Salt and Shale	1540	Shale	3670
Broken Lime	1609	Lime	3735
Lime	1820	Conglomerate	3763
Broken Lime	1915	Shale	3806
Lime	2100	Sandy Lime (Show of Oil)	3827
Shale & Lime	2200	Chert	3852
Lime	2294	Lime	3876
Broken Lime & Shale	2361	Chert	3884
Lime	2440	Lime	3903
Broken Lime	2530	Lime and Shale	3948
Lime	2686	Green Shale	3980
Shale	2800	Siliceous Lime	4000 T. D.
Broken Lime	2909	Dry and abandoned	
Lime	3095		
Sandy Lime	3139		
Lime	3240		

CASING RECORD

219 Feet, 12 $\frac{1}{2}$ inch pipe
Cemented 200 sacks, surface pipe.

I, Clyde Pulse, Manger of The Gerbrand-Pulse Oil & Drilling Company, do hereby certify that this is a true and correct log of the formation encountered on the above mentioned well as taken from the daily drilling reports thereof.

Subscribed and sworn to before me
this 10th day of June, 1938

SIGNED

Clyde Pulse
Manager

Newton C. Wilson
Notary Public.

My commission expires Dec. 16-1940

CHAMPLIN REFINING COMPANY

FIGGER #4 WELL
 CENTER SW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$
 Stafford County, Kansas

FORMATION LOG

0 - 125' Sand & gravel
 125' - 305' Shells & red bed
 305' - 840' Red bed & shells
 840' - 1215' Red Bed & Shale & Shells
 1215' - 1420' Red Bed & Shale
 1420' - 1520' Shale & Shells
 1520' - 1675' Shale & Lime
 1675' - 1765' Lime & Shale
 1765' - 1910' Shale & Lime
 1910' - 2065' Broken Lime & Shale
 2065' - 2190' Lime & Shale
 2190' - 2360' Shale & Lime
 2360' - 2515' Lime & Shale
 2515' - 2605' Shale
 2605' - 2745' Shale & Lime Shells
 2745' - 2895' Shale & Lime
 2895' - 2975' Lime
 2975' - 3060' Lime
 3060' - 3120' Lime
 3120' - 3205' Lime
 3205' - 3250' Lime
 3250' - 3280' Shale
 3280' - 3310' Sand & Shale
 3310' - 3385' Shale
 3385' - 3445' Lime
 3445' - 3500' Lime
 3500' - 3560' Lime
 3560' - 3610' Lime
 3610' - 3665' Lime
 3665' - 3725' Lime
 3725' - 3770' Shale & Lime
 3770' - 3775' Lime
 3775' - 3781' Lime
 3781' - 3789' Lime
 3789' - Total Depth

RECORDED
 INDEXED
 MAY 28 1948

PLUGGING
 FILE SEC-9-7-24-11W
 BOOK PAGE-31-LINE-40