

PATTON DRILLING COMPANY & LION OIL REFINING COMPANY
No. 1 Werth

Comm. Date: Oct. 28, 1941
Comp. Date: Jan. 8, 1941

Sec. 10, Twp. 16S, Rge. 19W
C WL SW SE

Casing Record:
12 1/2" 40 5 1/2" 3710
8 5/8" 1297

Potential: D & A

surface	40
shale & shells	320
shale	412
sand	475
shale	575
sand	600
iron & sand	680
shale, sand & red bed	960
shale, shells & red bed	1120
shale red	1297
Anhydrite	1410
shale & shells	1560
shale	1780
salt & shale	1950
lime & shale	2120
sand	2138
lime & shale	2170
shale & shells	2225
sand & shale	2280
lime	2495
sand	2510
shale	2535
shale & lime	2570
lime	2600
shale & lime	2700
shale	2770
shale & lime	2825
lime & shale	2905
shale	2950
shale & lime	3020
broken lime & shale	3080
shale & lime	3210
lime	3300
lime & shale	3370
lime	3610
lime & shale	3650
lime	3680
lime & chert	3695
lime	3712
saturated sand	3718
3718 equals 3716 Ctd. to derrick floor	
sand hard	3728 T.D.

Top Anhydrite	1297
Top Topeka	3118
Top Lansing	3380
Top Basal Sand	3710 Ctd.

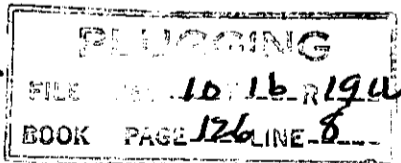
I, R. C. Patton, do hereby certify that the above and foregoing is a true and correct copy of the log of Patton Drlg. Company and Lion Oil Refining Company #1 Werth, located in Sec. 10, Twp. 16S, Rge. 19W, Rush County, Kansas.

R. C. Patton

Subscribed and sworn to before me, a Notary Public, this 10th day of January, 1941

Candita Thompson
Notary Public

My comm. expires April 12, 1943.



Drlg. Cement to 3716 Ctd. - cement set to bottom
Drlg. Deeper - 3718

200' sulfur water/1/2 hr.

Drlg. Deeper - 3726

2600' water in hole

Tools stuck @ 3728 T.D.

Set plug at 3480 and added nine feet of gravel on top.

Perforate 12 shots - 3442 to 3446 no shows

" 36 " 3418 to 3425 made 2 gals. wtr. & SSO

Shut down nine hours.

Filled 175' water & SSO

D & A

