

Company: Aladdin Petroleum Company & H & H Drilling Company
 Contractor: H & H Drilling Company Lease: No. 1 Shaw
 Commenced: 9-23-50 Location: SE SE NW
 Completed: 10-6-50 10-10-18W
 Elevation: 2173 D.F. Rocks County, Kansas
 Potential: D&A Casing Record:
 180' 8-5/8" cas. w/150 sax.

CERTIFIED DRILLERS LOG

Formation	Depth	Remarks
Clay	0-20	
Shale	20-40	
Sand	40-140	
Shale	140-812	1005
Sand	812-1215	Trip/- Bit #1 made 825' 8 hrs.
Shale	1215-1555	SLM - Ok Trip/- Bit #2 made 1015' 21 hrs.
Anhydrite	1555-1590	2020
Shale	1590-1735	
Shale & Shell	1735-1790	
Lime & Shale	1790-2156	
Shale & Lime	2156-2320	
Lime & Shale	2320-2537	Trip @ 2375', Bit #3 made 355' 16 hrs.
Lime	2537-2647	
Shale & Lime	2647-2715	Lost returns 2699, 1/2 returns back @
Lime & Shale	2715-2774	2701, lost returns 2703, back @ 2704
Lime	2774-2928	Trip @ 2745, Bit #4 made 370' in 39 1/2 hrs.
Shale & Lime	2928-3055	S.L.M. - Ok Lost circ. @ 2945
Lime	3055-3252	Trip @ 3258, Bit #5 made 513' in 36 hrs.
Shale & Lime	3252-3281	
Lime	3281-3393	
Shale & Lime	3393-3426	Circ. 1 hr. @ 3426 & Trip, Bit #6 made
Lime	3426-3519	168' in 22 hrs.
Lime	3519-3589	Trip @ 3589, Bit #7 made 163' in 37 hrs.
Lime	3589-3608	Circ. 1 1/2 hrs. @ 3608
Lime	3608-3676	Trip @ 3676 Circ. 1 hr. 3676
Conglomerate & Chert	3676-3725	
Lime, Congl. & Chert	3725-3766	Trip @ 3725 Bit #9 made 49' 6 hrs.
Conglomerate & Shale	3766-3785	Trip @ 3777 Bit #10 made 52' in 9 1/2 hrs.
Lime, Congl. & Arb.	3785-3830	
Total Depth	3830	Circ. @ 3830 1 hr.

GEOLOGICAL DATA:

Drill Stem Test #1 3440-3480, open 30 minutes, recovered 10' mud, small rainbow. Weak blow 5 minutes, shut in for BHP 10 minutes. BHP 700/.

Drill Stem Test #2 3571-3608, open 25 minutes, 15 minutes BHP, slight blow 10 minutes, dead rest of time. Recovered 30' mud, slight rainbow, 0/ BHP.

Drill Stem Test #3 3666-3676, open 1 hour, shut in 15 minutes for BHP, fillup 690' fluid, 200' oil cut mud, 300' oil and water and 190' salt water. BHP 850/.

Tops:
 Topoka 3156 -981
 Hoebner 3372 -1197
 Lansing 3417 -1242
 Conglomerate (Cherty) 3668 -1493
 Arbuckle 3778 -1605
 Total Depth 3830 -1657

(Brown Lime 3393-3426)

OCT 12 1950
 10-12-1950
 CONSERVATION DIVISION
 Wichita, Kansas

I hereby certify that this is a true and correct copy of the above log, to the best of my knowledge.

PLUGGING
 FILE SEC 10-T-10-R-18W
 BOOK PAGE 34 LINE 14

[Signature]

Subscribed and sworn to before me this 9th day of October 1950.

My Commission Expires May 13, 1953
Georgia L. Laird