

15-163-00240-00-00

COMPANY: Aladdin Petroleum Corporation  
CONTRACTOR: H. & H. Drilling Co.  
COMMENCED: 5-6-49  
COMPLETED: 6-1-49  
ELEVATION: 2043 d.f.  
POTENTIAL: D&A

Lease: Cahill No. 1  
LOCATION: NE NE NE  
13-7S-20W  
Rocks County, Kansas

CASING RECORD:  
180' 8 5/8" cem. W/150 Sax  
3515' 5 1/2" cem. W/75 Sax

Cable Tool Record

Formation	From	To	Remarks
Cement	3510'	3512'	
Cement-Trace Dolomite	3512'	3517'	
Sandy Dolomite	3517'	3518'	
Sandy Dolomite	3518'	3522'	3515' to 3518' - Acidized with 1,000 gal. Tested 1 1/2 Barrel per hour fluid. Half Oil, Half Water - 300' fluid level.
Sandy Dolomite	3522'	3524'	
Sandy Dolomite	3524'	3526'	
Sandy Dolomite	3526'	3528'	
Sandy Dolomite	3528'	3531'	3518' to 3541' - Increase in water to 850' fluid level - 675' water, 175' oil
Sandy Dolomite	3531'	3535'	
Sandy Dolomite	3535'	3538'	
Sandy Dolomite	3538'	3541'	
Sandy Dolomite	3541'	3544'	3541' to 3544' - Increase in water and fluid level raising.

D.S.T. 3513' - 20' R.M. Open 30 min.  
11' Heavy Oil Cut Mud

SCHLUMBERGER TOP ARBUCKLE 3515' R.M.

TOTAL DEPTH 3521' R.M.

I hereby certify that this is a true and accurate log of the above described well, to the best of my knowledge.

ALADDIN PETROLEUM CORPORATION

By Erma Haynes

Subscribed and sworn to before me this 10<sup>th</sup> day of June 1949.

My Commission expires April 23, 1952

Erma Haynes  
Notary Public

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Conservation Div.  
AUG 13, 1949  
AUG 13 1949

STATE CORPORATION  
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FILE SEC 13 T 7 R 204  
BOOK PAGE 105 LINE 33

15-163-00240-00-00

Company: Aladdin Petroleum Corporation Lease: Cahill No. 1  
 Contractor: H. & H. Drilling Co. Location: NE NE NE  
 13-7S-20W  
 Rooks County, Kansas  
 Commenced: 5-6-49  
 Completed: 6-1-49  
 Elevation: 2043 D.F.  
 Potential: D&A

*Esbeck*  
*Fidelity Onion Skin*

Casing Record:  
 180' 8 5/8" cem. W/150 Sax  
 3515' 5 1/2" cem. W/75 Sax

Formation	From	To	Remarks
Clay	0	20	Run 180' 8 5/8" Surface Pipe, cem. with 150 sax. Slope Test @ 500' - OK, SLM - OK
Shale - blue	20	180	
Shale	180	620	Slope Test @ 1000' - OK
Shale, Shells & Sand	620	1090	Slope Test @ 1500' - OK
Dakota Sand	1090	1300	Trip @ 1605, Bit #1 made 1520' in 14 hrs. OB with Bit #2
Shale & Shells	1300	1510	SLM - OK
Shale & Sand	1510	1582	Jetted Pits. Slope Test @ 2000' - OK
Anhydrite	1582	1621	
Shale & Shells	1621	1750	Trip at 2320'. Bit #2 made 715' in 22 hrs. OB with Bit #3
Shale & Shells	1750	2065	Jetted Pits. Slope Test at 2500' - OK
Shale & Shells	2065	2110	SLM - OK 1/2 Trip, Bit #3 made 325' 8 hrs. 1/2 trip. OB with Bit #4
Lime	2110	2260	Jetted Pits
Shell	2260	2384	Jetted Pits twice. Slope Test @ 3000' - OK
Shale	2384	2550	1/2 trip. Bit #4 made 464' in 29 hrs. & 15 mins. SLM @ 3162' - OK
Shale & Lime	2550	2645	1/2 trip. Bit #5 made 192' in 22 hrs. & 30 min.
Shale & Lime	2645	2774	1/2 trip.
Shale	2774	2913	Trip @ 3488'. Bit #6 made 188' in 28 hrs. OB with Bit #7
Shale & Lime	2913	3036	Circ. for samples @ 3520' - 1 hrs. good odor. 3520 Rotary Total Depth
Lime	3036	3108	Run 3515' 5 1/2" Surface Pipe, cem. W/150 sax.
Shale	3108	3184	
Lime & Shale	3184	3251	
Lime	3251	3390	
Shale & Lime	3390	3351	
Lime	3351	3400	
Lime	3400	3494	
Lime & Shale	3494	3512	
Lime Arbuckle	3512	3520	
Lime	3520	3528	
Lime	3528	3541	
Lime	3541	3544	
Total Depth	3544		

Tops:  
 3221 Heebner  
 3245 Dodge  
 3269 Kansas City  
 Arbuckle - Ero. 3509  
 Arbuckle - True 3512

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

/s/ W. L. Hartman

Subscribed and sworn to before me this 13th day of August, 1949.

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Conservation Div  
 AUG 13 1949

My Commission expires May 13, 1953

/s/ Georgia I. Laird

STATE CORPORATION  
 COMMISSION  
 KANSAS

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 BOOK PAGE 105 LINE 33

*Esbeck*  
*Fidelity Onion Skin*