Formation | From | To | Remarks
--- | --- | --- | ---
Cement | 3510' | 3512' | 3515' to 3518' - Acidized with 1,000 gal. Tested 1 1/2 Barrel per hour fluid. Half Oil, Half Water - 300' fluid level.
Cement-Trace Dolomite | 3512' | 3517' | 
Sandy Dolomite | 3517' | 3518' | 
Sandy Dolomite | 3518' | 3522' | 
Sandy Dolomite | 3522' | 3526' | 
Sandy Dolomite | 3526' | 3528' | 3528' to 3531' - 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 ABBUCKLE 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.

[Signature]

ALADDIN PETROLEUM CORPORATION

Subscribed and sworn to before me this 8th day of June 1949.

[Signature]

Commission expires April 23, 1952

[Signature]

Notary Public

RECEIVED

[Stamp]
Company: Aladdin Petroleum Corporation  
Contractor: H. & H. Drilling Co.  
Commenced: 4-6-49  
Completed: 6-1-49  
Location: SE 1/4 NE 1/4  
Elevation: 2002.2  
Potential: 0kA  
Design Record: 150' 8 1/4" F.S. W/150 Sex. 3515' 5 1/2" F.S. W/150 Sex.

Formation  | Pres.  | Remarks
--- | --- | ---
Clay  | 0  | Run 150' 8 1/4" Surface Pipe, com.
Shale - blue  | 20  | with 150 sex. Slope Test @ 500'.
Shale  | 180  | OK, SM - OK
Shale, Shells & Sand  | 250  | Slope Test @ 1500' - OK
Deовать Sand  | 1500  | Slope Test @ 3000' - OK
Shale & Shells  | 1502  | Trip @ 1500', Bit #1 made 1520' in
Shale & Sand  | 1522  | 16 hrs. OB with Bit #2
Anhydrite  | 1622  | Jettet Pipe. Slope Test @ 2000' - OK
Shale & Shells  | 1750  | Trip @ 2000'. Bit #2 made 715' in
Shale & Shells  | 2055  | 20 hrs. OB with Bit #3
Shale & Shells  | 2210  | Jettet Pipe. Slope Test @ 3000' - OK
Lime  | 2550  | Slope Test @ 3000' - OK
Shell  | 2580  | Jettet Pipe. Slope Test @ 3000' - OK
Shale & Lime  | 2580  | 1/2 trip. OB with Bit #4
Shale & Lime  | 2615  | Jettet Pipe. Slope Test @ 3000' - OK
Shale  | 2773  | 1/2 trip. OB made 510'. In 29 hrs. &
Shale & Lime  | 2913  | 15 mins. SL @ 3565 - OK
Lime  | 3036  | 1/2 trip. SL @ 3565 for 22 hrs. &
Lime  | 3139  | 1/2 trip.
Lime & Shells  | 3187  | Trip @ 3565'. Bit #4 made 180' in 26 hrs.
Lime  | 3244  | OB with Bit #7
Shale & Lime  | 3371  | Circ. for samples @ 3220'. 1 hr. 36 mins.
Lime  | 3372  | SM - OK
Lime & Shale  | 3372  | 150' Rotary Total Depth
Lime  | 3372  | Run 3515' 5 1/2" Surface Pipe. Sex. W/150 Sex.
Lime  | 3372  | 3200  
Lime  | 3372  | 3200  
Lime  | 3372  | 3200  
Lime  | 3372  | 3200  
Lime  | 3372  | 3200  
Total Depth  | 3372  |

Tops:
3221  | Hagerman  
3215  | Hagerman City  
3267  | Kansas City  
Arbuckle - corn. 3372  
Arbuckle - True 3372  

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 10th day of May, 1949, 12h.2.

By Commission expires Aug 13, 1953

RECEIVED  
Corporation Div.  
AUG 13 1949

STATE CORPORATION COMMISSION KANSAS

//George L. Hearn

PLUGGING FILE SEC 13 T 7 R 16
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