

Company: W. L. Hartman
 Contractor: H & H Drilling Company
 Commenced: 8-19-49
 Completed: 8-30-49
 Elevation: 1863 a.f.
 Potential: D&A

Lease: Casey #2
 Location: NE SE NW
 4-16-127
 Barton County, Kansas

Casing Record:
 194' 8-5/8" cas. w/150 sax.

Formation	From To	Remarks
Post Rock	0 - 46	
Shale	46 - 194	
Shale, Shells & Sand	194 - 550	
Shale & Sand	550 - 800	Trip @ 704
Anhydrite	800 - 825	
Shale	825 - 900	
Shale & Shells	900 - 1620	Jetted Pits
Shale	1620 - 1800	Trip
Lime-	1800 - 1905	Jetted Pits Slope Test - Ok SLM - Ok
Lime & Shale	1905 - 1994	
Lime	1994 - 2053	Trip @ 2053 - 1/2 Trip @ 2053 Jetted Pits
Lime & Iron	2053 - 2055	Slope Test - Ok, SLM - Ok Jetted Pits.
Shale	2055 - 2171	
Shale & Lime	2171 - 2512	
Shale	2512 - 2632	
Shale & Lime	2632 - 2710	
Lime	2710 - 2734	Circ. @ 2750 Trip @ 2753 Jetted Pits
Lime & Shale	2734 - 2800	Circ. For samples 1 hr. & 10 mins. 2810.
Lime	2800 - 2951	Circ. for samples 1 hr. & 8 mins. 2921.
Lime	2951 - 3091	Circ. 2956 - no odor. Circ. @ 3010
Lime	3091 - 3205	Circ. @ 3091 - 1 hr. Faint odor. Circ. @
Lime	3205 - 3274	3205 SLM - Ok Circ. @ 3131 - no odor.
Lime & Shale	3274 - 3318	Trip @ 3179' & Circ. 3235 & 3270 & 3305-
Lime & Conglomerate	3318 - 3332	no odor. Circ. @ 3315 - no odor. & 3325
Total Depth	3332	Rotary Bushing

Geological Report

Drill Stem Test #1 3085-91 - open 40 mins. Rec. 5' mud & small show gas.
 Drill Stem Test #2 3220 -35 - open 20 mins. Rec. 8' mud, blew 3 minutes.

Tops: (Derrick Floor Data - corrected 2 1/2' for rotary bushing)

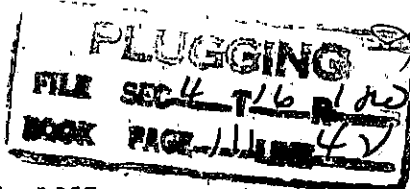
Topeka	2711 - 848
Heebner shale	2949 - 1086
Douglas sand	2994 - 1131
Lansing-Kansas City	3033 - 1170
Marmaton	3282 - 1419
Sooy Conglomerate	3299 - 1436
Total Depth	3330 - 1467

Remarks: No commercial showings were encountered. Structurally the test was too low to produce from the Arbuckle.

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

W. L. Hartman

Subscribed and sworn to before me this 10th day of September 1949.



George L. Land

RECEIVED
 Conservation Div.
 SEP 12 1949
 STATE CORPORATION
 COMMISSION
 KANSAS

My Commission expires May 13, 1953