

DRILLER'S LOG

Imperial Oil of Kansas, Inc.
903 Union National Bank Building
Wichita, Kansas

Findley "B" No. 3
NE NW SW Sec. 28-8S-24W
Graham County, Kansas

Total Depth: 3890'

Elevation: 2325' R.B.
Production: 149 BOPD, no water

Commenced: 5-16-56 Completed: 6-4-56

Contractor: Imperial Oil of Kansas, Inc.
Wichita, Kansas

Casing Record: Set 8-5/8" Surface Pipe at 198' with 175 sacks cement.

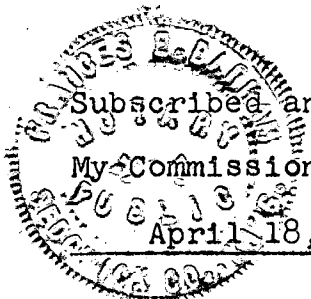
Figures indicate bottom of formations:

Sand	30'		
Shale	1250'		
Sand and Shale	1800'	Heebner	<u>TOPS</u> 3605' (-1280)
Shale and Red Bed	2010'	Lansing	3645' (-1320)
Anhydrite	2045'	Total Depth	3890' (-1575)
Shale	2090'		
Shale & Pyriate	2316'		
Shale	2620'		
Lime and Shale	3490'		
Lime	3560'		
Lime and Shale	3625'		
Lime	3890'		
Total Depth	3890'		

We hereby certify this to be a correct and accurate log of the above described well as shown on the daily drilling reports.

IMPERIAL OIL OF KANSAS, INC.

By: Ray L. Brown
Vice President



Subscribed and sworn to before me this 11th day of June, 1956.

My Commission Expires:

April 18, 1959

Francis E. Barkan
Notary Public

15-065-02709-09-00
 RECEIVED
 STATE CORPORATION COMMISSION
 JUN 16 1967
 6-16-1967
 CONSERVATION DIVISION
 Wichita, Kansas

Now: ^{Oil Co.} CITIES SERVICE GEOLOGICAL REPORT
 HOLLEY NORTH AKC UNIT # 203

Company: ~~Imperial Oil of Kansas, Inc.~~
 Farm: ~~Findley "B" No. 3~~
 Contractor: Harms-Burt Drilling Company
 Pool: Holley

NE SW NW Sec. 28-8S-24W
 Graham County, Kansas
 Elevation: 2325' R.B.
 Rotary Total Depth: 3890'

Rotary Completed: 4-25-56

Geological Data:

Samples were examined from 3400' to Rotary Total Depth.

Formation Tops:

Anhydrite	2011'	{ /314 }
Heebner	3606'	{ -1281 }
Toronto	3629'	{ -1304 }
Lansing	3645'	{ -1320 }
Rotary Total Depth	3890'	

Porosity and shows of oil.

- Toronto 3629' (-1314)
 3631-35 White finely crystalline coarsely fossiliferous cherty limestone. No oil show. Fair porosity. Zone judged no value.
- Lansing 3645' (-1320)
 3646-54 (1'-9' penetration) White-cream finely crystalline oolitic slightly oocastic limestone. No oil show. Fair porosity. No value.
- 3676-85 (35' zone) Tan oolitic and fossiliferous limestone. Good show free oil. Good stain and saturation. Good inter-fossiliferous and vuggy porosity.
- D.S.T.#1 3668-85 Open 1 hour. Recovered 825' gas, 1335' oil. F.P. 118#-330#, BHP 1280#.
- 3690-92 (50' zone) White to greenish dense slightly fossiliferous vuggy limestone. Trace of a good show free oil. Trace of good vuggy porosity. Stain is very weak in samples. Zone does not appear to have commercial porosity on the Halliburton log; however it is judged worth of further testing because of the oil show present in the samples.
- 3711-14 (70' zone) No development.
- 3722-24 (90' zone) Cream and tan finely crystalline to chalky limestone. Fair dark spotty stain. Slight show free oil. Fair to good porosity. Zone judged worthy of further testing.
- 3728-58 (100' zone) Cream finely crystalline to chalky limestone. Trace dark stain. Trace free oil. Mostly poor porosity. Zone judged no value.

LKC UNIT

HOLLY NORTH 203

Findley "B" No. 3

Geological Report

3774-81 (140' zone) Light tan dense fossiliferous limestone. Good spotty stain, show free oil. Vuggy porosity. Zone should be perforated.

3798-3805 (160' zone) Tan dense slightly fossiliferous limestone. Trace stain, no free oil. Poor porosity. Zone judged no value.

3813-22 (180' zone) White dense coarsely fossiliferous limestone. Good spotty stain, show free oil. Fair spotty porosity. Zone should be perforated.

3833-37 (200' zone) Cream finely crystalline oolitic limestone. Good show free oil. Some good porosity. Zone should be perforated.

3850-65 (220' zone) Cream chalky limestone. No oil show, no value.

Rotary Total Depth 3890'

5 1/2" casing cemented at 3890' on 5-25-56.

IMPERIAL OIL OF KANSAS, INC.

By *Orlin R. Phelps & Don D. Strong*
Don D. Strong, Geologist
Orlin R. Phelps, Geologist

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