

Company- KEWANEE OIL CO.

Farm- Larkin

No. 3

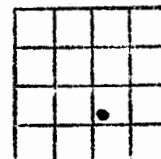
SEC. 15 T. 22 R. 25W

SW NW SE

1650' fr SL 2310' fr EL SE

County Hodgeman

KANSAS



Total Depth. 4680' C.M. PB 4633' C.M.

Comm. 1-24-57

Comp. 2-12-57

Shot or Treated.

Contractor. Graham-Michaels Drilg. Co.

Issued. 4-27-57

CASING:

8 5/8" 561' C.M. w/320 sx cem.
 5 1/2" 4670.47' C.M. w/150 sx cem.
 2 3/8" tbf. top Perf. 4588.07' C.M.

Elevation. 2502' C.M. (C.M.)

3.00' above top 8 5/8" csg. collar

Production. 108 BOPD

Figures indicate Bottom of Formations.

surface	0
sand-gravel	95
shale	275
shale-sand	562
shale	800
red bed-shale	1070
Anhydrite	1100
shale-gyp	1165
sand	1405
red bed-shale	1710
shale-lime stks	2330
lime-shale	2615
lime	2954
lime-shale	3982
chalky lime-shale	4017
lime-shale	4115
lime	4546
lime-shale	4570
shale	4582
shale-chert	4589
Dolomite	4630
Rotary Total Depth	4680
Total Depth PB	4633
TOPS: C.M. MEAS.	Sample Balli.
Heebner	3886 3887
Toronto	3900 3903
Douglas	3923 3925
Lansing-Kansas City	3936 3936
B/Kansas City	4332 4340
Marmaton	4360 4360
Penn. Basal Conglom- erate	4562 4566
Mississippi lime	4589 4591

I.P.- Swabbed 64.96 bbls. oil in 13 1/2 hrs.
 Grindout 1.2% wtr and .4 B.S. Swabbed
 through casing. On State Productivity
 Test well pumped 35.95 BO in 8 hrs. for
 potential of 108 BOPD, 29% wtr.
 (Actual wtr. meas. was 26.10 bbls. or 42%)

Treating record: Treated perf. 4594-4602'
 & 4610-4614' w/ 500 gals. Treated Perf.
 4605-4610' w/500 gas.

Perf. Record: Perf. Mississippi lime fr
 4594-4602'; 4610-4614'; 4605-4610'

KEWANEE OIL COMPANYWELL RECORD: Larkin Well No. 3Elevation: 2502' Cement Marker
(C.M. 3.00' above top
of 8-5/8" Casing Collar.)Located: 1650' from the South line and 2310' from the East line of SE/4
Section 15, T-22-S, R-25-W, Hodgeman County, Kansas.

Contractor: Graham-Michaelis Drilling Company.

Drilling Commenced: January 24, 1957.

Drilling Completed: February 12, 1957.

Completion Date: February 19, 1957.

Total Depth: 4680' C.M.

Plug Back Total Depth: 4633' C.M.

Initial Production: Swabbed 64.96 barrels oil in 13-1/2 hours. Grindout
1.2% water and .4 B.S. Swabbed through casing.
On State Productivity Test well pumped 35.95 BO in
8 hours for potential of 108 BOPD, 29% water.
(Actual water measurement was 26.10 bbls. or 42%.)Treating Record: Treated perforations 4594' to 4602' and 4610' to 4614'
with 500 gallons Dowell mud acid. Treated perforations
4605' to 4610' with 500 gallons mud acid. Ran tubing
and acidized with 1000 gallons retarded acid down annulus
and 500 gallons acid Petrofrac and 1000 gallons retarded
acid down tubing by Dowell, Incorporated.Perforating Record: Perforated Mississippi Lime from 4594' to 4602';
4610' to 4614' and 4605' to 4610' with 4 bullets
per foot by Lane Wells Co.Sample Tops - C.M. Measurement

Heebner	3885	(-1384)
Toronto	3900	(-1398)
Douglas	3923	(-1421)
Lansing-Kansas City	3936	(-1434)
Base Kansas City	4332	(-1830)
Marmaton	4360	(-1858)
Penn. Basal Conglomerate	4562	(-2060)
Mississippi Lime	4589	(-2087)
Total Depth	4680	(-2178)

Halliburton Tops - C.M. Measurement

Heebner	3887	(-1385)
Toronto	3903	(-1401)
Douglas	3925	(-1423)
Lansing-Kansas City	3936	(-1434)
Base Kansas City	4340	(-1838)
Marmaton	4360	(-1858)
Penn. Basal Conglomerate	4566	(-2064)
Mississippi Lime	4591	(-2089)
Total Depth	4680	(-2178)

Casing Record8-5/8" O.D. Casing (18 Joints) set at 561.00' C.M. and cemented with 320
sacks pozmix with 2% Calcium Chloride.5-1/2" O.D. Casing (143 Joints) set at 4670.47' C.M. and cemented with
150 sacks common cement with 1/4# floccle per sack.

2-3/8" O.D. Tubing (148 Joints) with top of perforations at 4588.07' C.M.

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15-22-254

Kewanee Oil Company

WELL RECORD: Larkin Well No. 3 (Continued)

Formation Record

0	Surface
95	Sand and gravel
275	Shale
562	Shale and sand
800	Blue shale
1070	Red bed and shale
1100	Anhydrite
1165	Shale and gyp
1405	Sand
1710	Red bed and shale
2330	Shale and lime streaks
2615	Lime and shale
2954	Lime
3765	Lime and shale
3885	Shale and lime
3982	Lime and shale
4017	Chalky lime and shale
4115	Lime and shale
4546	Lime
4570	Lime and shale
4582	Shale
4589	Shale and chert
4630	Dolomite
4680	ROTARY TOTAL DEPTH
4633	PLUG BACK TOTAL DEPTH

Slope Tests

<u>Depth</u>	<u>Deviation</u>
312	0°
562	1/2°
1555	1/2°
1860	1/2°
2451	1-1/4°
2954	1/2°
3270	1/4°
3586	1/4°
4223	1/4°
4546	1°

Record by: R. S. Allison and R. J. Davis

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