

12-31-340

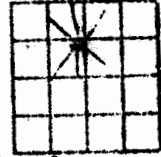
WELL LOG BUREAU KANSAS GEOLOGICAL SOCIETY
412 Union National Bk. Bldg., Wichita, Kansas

Company - CITIES SERVICE OIL COMPANY
Farm - Swink No. 1

SEC. 12 T. 31 R. 34W
NE SE NW
100' W & 1250 N of cen

Total Depth. 2801
Comm. 8-5-48 Comp. 8-17-48
Shot or Treated.
Contractor: Corbett-Barbour Drilling Company
Issued. 12-25-48

County. Seward KANSAS



Elevation. 2942 Ind.

Production. 19,300,000 gas
RP 393.6 lb

CASING:

8 5/8" 640 cement w/ 300 sx
5 1/2" 2800 cement w/ 900 sx
(from ground)

Figures indicate Bottom of Formations.

surface 250
sand shale 565
red bed 1060
salt shale 1510
red bed anhydrite 1570
shale shells 1705
lime 1815
red bed anhydrite 2000
shale lime 2100
lime 2185
shale anhydrite 2270
lime shale 2370
lime 2410
shale anhydrite 2469
lime 2590
lime gypsum 2620
lime 2720
lime shale 2790
lime 2805

Total depth 2805
RTD= 2801 corr. to ground

Tops

Herrington 2578
Upper Krider 2602
Lower Krider 2628
Winfield 2678
Upper Fort Riley 2726

perf 140 shots 2736-2764

9-6-48 1500 gal 15% acid 2736-64
9-7-48 6000 gal 15% acid 2736-64

2070 ICF gas 2736-64

perf 130 shots 2678-2704
150 shots 2634-64
50 shots 2664-64
100 shots 2578-64
8-10-48 1500 gal 15% acid 2678-2704
9-10-48 1000 gal 15% acid 2578-2612
1500 gal 15% acid 2634-64
9-11-48 10000 gal 15% acid 2578-2664
9-11-48 6000 gal 15% acid 2678-2704
9-13-48 9000 gal 5% acid to 11 zones

Halliburton electric log

12-31-34W

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412 Union National Bk. Bldg. Wichita, Kansas

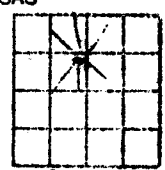
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Farm - Swink No. 1

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NE SE NW
100' W & 1250 N of cen

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Shot or Treated.

County. Seward KANSAS

Contractor. Corbett-Barbour Drilling Company
Issued. 12-23-48



CASING:

8 5/8" 640 cement w/ 300 sx
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(from ground)

Elevation. 2942 Ind.

Production. 19,300,000 gas
RP 393.6 lb

Figures Indicate Bottom of Formations.

surface 250
sand shale 565
red bed 1060
salt shale 1510
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lime 1815
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lime 2185
shale anhydrite 2270
lime shale 2370
lime 2410
shale anhydrite 2469
lime 2590
lime gypsum 2620
lime 2720
lime shale 2790
lime 2805

Total depth
2805 RFD = 2801 corr. to
ground

Tops

Horington 2578
Upper Krider 2602
Lower Krider 2628
Winfield 2678
Upper Fort Riley 2726

perf 130 shots 2678-2704
" 150 shots 2634-64
~~" 50 shots 2602-12~~
" 50 shots 2578-68
8-10-48, 1500 gal 15% acid
2678-2704
9-10-48 1000 gal
15% acid 2578-2612
" 1500 gal 15%
acid 2634-64
9-11-48 10000 gal 15%
acid 2578-2664
9-11-48
6000 gal 15%
acid 2678-2704
9-13-48 9000 gal 5%
acid to all zones

Halliburton electric log

perf 140 shots 2736-
2764
9-6-48 1500 gal 15%
acid 2736-64
9-7-48 6000 gal 15%
acid 2736-64
2070 ICF gas 2736-64