

HINKLE OIL COMPANY
DRILLING REPORT

COPY

15-145-20858-0001

WELL NAME: HINKLE OIL COMPANY

#4 Spence "A"
SW NW NW
Section 35-23S-18W
Pawnee County, Kansas

CONTRACTOR:

Dunne-Gardner Petroleum, Inc.

ELEVATION:

2108 GL
2120 RBBADGER HILL SE PROSPECT

6-8-81 M.I.R.T.
6-9-81 Set 8 5/8" surface casing @320' with 300 sacks cement. Plug down @ 2:00 P.M.
6-10-81 ANHYDRITE 1155 (+965) BASE ANHYDRITE 1174 (+946) Ø1376'.
6-11-81 HERINGTON-KRIDER 2231 (-111) 8 Gas Units, WINFIELD 2292 (-172) 12 Gas Units, TOWANDA 2361 (-241) FT. RILEY 2401 (-281) 67 Gas Units. Flat to the #1A Spence.
DST #1 2235-2430:
6-12-81 DST #1 2298-2430: Open: 30" - 30" - 60" - 30". Recovered 365' gassy cut muddy salt water, IFP: 107-153#, IBHP: 674#, FFP: 192-253#, FBHP: 689#.
NOTE! 63' of anchor was erroneous left out of test. Herington-Krider not covered. Will look at Herington-Krider on log.
Ø2710'.
6-13-81 BASE FLORENCE FLINT 2500 (-380) RED EAGLE 2845 (-725) FORAKER 2912 (-792) PENNSYLVANIAN 3022 (-902) STOTLER 3160 (-1040) TARKIO 3210 (-1090) Ø3240'.
6-14-81 BERN POROSITY 3292 (-1172) 38 Gas Units 3' low to #1 Spence which tested gas + water. HOWARD 3358 (-1238) 15 Gas Units.
DST #2 3320-70: Open: 30" - 30" - 60" - 30". Recovered 20' mud. IFP: 30-30#, IBHP: 46#, FFP: 30-38#, FBHP: 46#.
6-15-81 BROWN LIME 3852 (-1732) 3' low to #1 Spence "A" LANSING 3859 (-1739) Ø3985'. "J" ZONE 4048 (-1928) 4' low to the #1-A Spence 6 Gas Units
6-16-81 DST #3 4045-4090: Open: 30" - 30" - 60" - 45". Gas to surface in 30 minutes. Gauge 14 MCF GPD. Recovered 120' very heavy oil and gassy cut mud + 1230' of gassy oil. IFP: 61-205#, IBHP: 914#, FFP: 123-267#, FBHP: 883#.
6-17-81 RTD 4190 (-2070) Ran Log

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ELEVATION:

2108 GL 2120 RB

3-7-96: Cleaned out to TD of 4152'. Shut down
3-12-96: Ran Model AD-1 Tension Packer and 126 jts. plastic lined 2 3/8" tubing. Packer @4001.58'. Perfs 4044-50.
3-13-96: Pressured up on Annulus to take MIT test to 100#. Packer leaked. Pulled 20,000# Tension. No help. Pulled 1 jt. Set packer @3971'. Pulled 16,000# Tension, packer leaked @200#. Pulled 20,000# Tension. Leak @280#. Ran 2 jts. back in. Set packer @4035'. Both Tubing and Annulus on vacuum. Pulled 1 jt., ran back in 1-10' Sub. Pressured Annulus to 300#. Fell off to 200# in 5 minutes. Packer would not completely seal off with 20,000# Tension. Pulled tubing and packer.
3-18-96: Ran Baker Lockset Packer + 126 jts. plastic lined tubing + 1-10' and 1-6' Sub. Packer set @4017.47'. Pressured up to 300 psi. Lost 50 psi in 14 minutes. Annulus filled with fresh water mixed with Bachman CI-124 Packer Fluid @1 gal/8 BW. Passed MIT Test.
3-19-96: Acidized with 3000 gal. 15% HCL. Average injection rate 3 BM @200#. 35 Bbl. overflush. On vacuum instantly. Released Tools.