

WELL HISTORY SUMMARY

1965

JANUARY 6 Spudded well at 7:15 P.M.

JANUARY 8 Set 13-3/8" 48# H-40 casing at 198' RKB cemented with 200 sacks inner 4% gel and 2% CaCl. Plug down at 3:30 PM. Filled up to 90' below GL. Ran 1" pipe and cemented to surface with 50 sacks inner 4% CaCl.

JANUARY 13 and 14 Set 9-5/8" 36# J-55 casing at 2002' RKB cemented with 950 sacks 50-50 Pennix S 4% gel and 1/4# floccle per sack and 150 sacks inner neat. Plug down at 2:30 PM. Ran temperature survey; found top cement at 575'. Cemented to surface in 8 stages with 475 sacks with 2% CaCl.

February 16 DST #1 from 9140-9214' with 1000' water cushion. Open 80 minutes. Initial shut in 30 minutes. Final shut in 60 minutes. Gas to surface to 8 minutes, 6800 MCF/d, initial hydro mud pressure 4163 psi, IBIP 3716 psi IFP 898 psi, FFP 2098 psi, FCIP 3694 psi, F. hydro pressure 4134 psi.

February 22 Set 7" 23#-26# J-55 and H-80 casing at 9522' RKB.

February 23 Cemented 7" in 2 stages with DV tool at 7229'. First stage 150 sacks inner with 4% gel followed by 100 sacks inner with 10# salt per sack and .8 of 1# Balad 9. Plug down at 1:15 AM. Second stage cemented with 150 sacks inner with 6% gel. Plug Down at 5:55 AM.

February 24 Ran cement bond log. Top cement at approximately 6850'.

February 25 Perf 9418'-26', 9396'-9406', 9352'-60', and 9328'-34'.

Ran RTTS packer on 2" tubing to 9145' and swabbed in for test.

February 26 Two hour test on 1/4" choke, 1350 MCF/d with 900 psig flowing tubing pressure. Two hour SIP 3060 psig.

February 27 Perforated 9224'-38' through tubing. Tested zones perforated from 9224'-38', 9328'-34', 9352'-60', 9396'-9406', and 9418'-26'. On 4 1/2 hour test flowed at rate of 3960 MCF/d with 2675 psig on 1/4" choke. Killed well and perforated 9318'-28', 9152'-42'. Ran gauge ring and junk basket. Set Model D packer at 9095' by wireline. Perforated 7334'-59', 7364'-94', and 7422'-44'.

February 28 Ran 2-3/8" 4.7# J-55 ORD BUE tubing to 9095' with Baker Model K snap set packer at 7271'. Ran short string 2-3/8" CS hydril 4.7# J-55 tubing internally coated with TX-2 to 7271'.

March 1 Swabbed in both upper Penn and Marrow zones and cleaned up. Released rig at 3:00 PM.

March 2 Moved rig off location.

March 3 Hooked up indirect heater and test separator.

March 4 Test Marrow zone, calculated AOF 17.6 MMCF.

March 5 Test upper Penn zone, calculated AOF 21.3 MMCF.

RECEIVED

MAR 19 1965

G. D. C.
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