

Drilled 8½" hole to 13,926'. Ran DST No. 1 13,800-921'. Packer set @ 13,800'. Pumped in 6000 water blanket. 5/8" BH choke. 1/2" Surface choke. 10 min. Preflow- strong blow. 1 hr. SI. 2 hr. Flow - wtr blanket to surface in 40 min. Gas to surface in 50 min. Max. Pressure 1750# - 11,000 MCF. Stabilized at end of 2 hr. test at 6,400 MCF w/950#. 4 hr. SIP. ISIP 9197#, IFP 2835#, FFP 1764#, FSIP 9121#. Hydro. in 9406#, out 9388#. BHT 197 deg. Rec. 188' water blanket & 632' gas cut mud. Test conducted on June 26, 1971.

DST #2 - F3/c d

DST NO. 3 14090-14,513'

Hookwall packer at 14,090'. T.D. 14,513'.

3000' water blanket, 3/4" bottom choke, 1" surface choke. 10 min. preflow with slight blow. Shut-in 1 hrs, 2 hrs. Flow period. Gas to surface in 35 min. 15# surface pressure 100 MCF/D steady flow, no water blanket to surface.

4 hr. Shut In.

ISIP 7771

IFP 1685

FFP 2013

FSIP 7932

HP in 7867

HP out 7867

BHT 190° F.

Recovered: 23 bbls water blanket, 27 bbls mud from open hole, 17 bbls new fluid - all gas cut fluid.

Annulus dead throughout test.

DST No. 4

14818-14910'. Set dual packer @ 14818-14811'. BHC 3/4" and surface choke 3/4".

Nitrogen blanket. 1400# surface pressure. 20 min. pre-flow, bled to 700# - no pressure increase. 1 hr. SIP. Bled surface to zero - open tool 1/2 hr flow.

No blow. 1 hr SIP.

ISIP 6477

IFP 1652

FFP 1949

FSIP 6152

HHI 8158

HHO 8061

BHT 219 deg.

Recovered 3960' heavy gas cut mud + 540' salt water.

Drilled 6½" hole to 15,000'. Ran logs. PBTD 14,140'. Perforated 7-5/8" liner 14,117-126'. Ran DST No. 5: 10 min. preflow- strong blow. 6 hr. flow period - volume 21 MCFPD. Treated w/mud acid and alcohol solution 2000 gals. BDP 5300#. Treating pressure 4650#. BHT 200 deg. HHI and HHO 7850#. Opened well. Flowed at 230 MCFPD, 3/8" choke, 55# surface pressure.

PBTD 14,045'. Set Baker bridge plug at 14,100 w/10 sacks cement on top of plug. Set wireline production packer at 12,400'. Ran 12,381' of 3½" ABC tubing. Loaded annulus with 12.5# packer fluid. Pressure tested wellhead, tubing, packer assembly, and 7-5/8" liner to 7500#, for 30 minutes - held OK. Perforated 7-5/8" liner 13,880' to 13,890' with 2 jet shots per foot. Immediate tubing pressure 1750#.

Released rig at 8:00 PM MST 8-8-71.

Now waiting on multi-point test.