

1-7-75 DST #1 - 4120' to 4153'. 60 min pre-flow. Blow started out slow and built up. GTS in 12 min. Max flow on pre-flow 536 MCF thru 3/4" ch. Max flng press 22 psi. SI 90 min, re-opened. Gas immediately. Took 30 min test 3/8" choke. Max flow 312 MCF with 165 psi. FTP did not stab, still bldg. Opened to 1/2" ch for 30 min. Flwd max 876 MCF with 125 psi. FTP stab at 825 MCF with 42 psi. Had 3/4" btm choke. Now SI for build-up (3hr)
Report at 3:45 p.m. - IH 2048 IF 134, FF 241(on pre-flow) ISIP 90 min 1968, 2 hr flow, IF 241, FF 374. 3 hr FSI 1955. Reversed out and recovered 90' drlg fluid. Sample chamber 1.03 cu ft gas, 300 cc drlg fluid - 25 psi.

1-31-75 DST #2 - 9702'-9778'. Tooling open at 1:00 PM 1-30-75. Took 1/2 hr. IF. 1 hr ISI. 2 hr flow. 4 hr SI. Opened with good blow. GTS in 55 mins. (25 mins. after SI for ISI). Flowed gas at 13,500 cu ft/day.

	<u>Bottom Recorder</u>	<u>Top Recorder</u>
IH	5,006	4,937
IFP	129	86
FFP	172	129
ISIP	2,093	1,972
IFP	43	27
FFP	194	151
FSIP	5,235	5,167
FH	5,006	4,937

Sampler contained .8 cu ft of gas at 100#. No fluid. Recovered 90' gas cut drlg mud. Drl pipe was full of gas. BH temp 152 degs.

2-5-75 DST #3 10,138'-258' (Strawn) Open 2 hrs. 30 min pre-flow - weak blow. Took 1 hr ISIP, re-opened tool - weak blow. Rec 457' drlg fluid. Pre-flow pressure 139#-186#. 60 min ISIP 488#. IF 279#. FF 186#. 4 hr FSIP 628#. Rec in sample chamber under 100# 2100 cc drlg fluid. IH 5346#. FH 5362#. BH Temp 154 degs.

2-9-75 Drlg 10,764' in lm & sh. Slope test 10,764' of 2 degs. Made 34' in 2 1/2 hrs. Bit #12 made 515' in 76-3/4 hrs. 5 hrs circu, 9 hrs trip, 7 1/2 hrs DST #4. DST interval 10,715' - 10,764'.
DST #4 - Tool open 1/2 hr - weak blow. SI - 1 hr. Open 2 hrs. GTS 90 mins. SI for 4 hrs. Coming out of hole. Press-shows some plugging & possibly some form damage.
IH 5582, FH 5628, IFP 139, FFP 332, 1st SIP 4387, 2nd flow 232, FFP 463, 3rd SIP 4387.
IH 5665, FH 5665, IF 186, FFP 233, 1st SIP 4388, 2nd SIP 4388, 2nd flow 233, FSIP 488. Recovered 70' drlg fluid, 1160' GCSW.

2-15-75 TD 11,390' in lm & sh. Made 15' in 1 1/2 hrs. Bit #14 made 15' in 1 1/2 hrs. 2 hrs circu after DST on bottom, 8 hrs trip, 12 1/2 hrs DST #5. Recovered 608' of gas cut drlg mud. Vis 34 Mud 10.2 WL 4 Filter Cake 1/32 PH 10.5 WOB 40,000 RPM 48 PP 1500
DST #5 - 11,246'-11,376'.
PF: IF 232-232
ISIP (1 hr) 4319
3 hr IF - 232-279
6 hr FSIP 4639
FH 5961# (no damage)

Open 3 hrs.
30 min. preflow - weak incr to fair
1 hr ISIP
Reopened - good blow, max. 5 min - 45# on 1/2", 418,000 CF
In 1 hr - min. 219,000 21#
End 3 hrs - 269,000 29#
Rec. 608' GCDF
Sample Chamber: 400 cc. fluid (tr cond. under 0#)
IH 5961