

STATE "32" NO. 1

D.S.T. SUMMARY

D.S.T. No. 1, 7065-7131'

Tool open initially for 35 mins., opened w/good blow, GTS in 9 mins. In 10 mins. on $\frac{1}{4}$ " ck. had 200 psi @ 313 MCF/D. In 20 mins. on $\frac{1}{4}$ " ck. had 290 psi @ 445 MCF/D. Water to surface in 24 mins. In 30 mins. on $\frac{1}{4}$ " ck. had 350 psi flowing water & gas. In 35 mins. had 340 psi flowing water & gas. Shut in $1\frac{1}{4}$ hrs., unloaded gas & water for 1 hr. during shut in, had small gas flare last 30 mins. of shut in decreasing to 20 psi on $\frac{1}{4}$ " ck. Reopened $2\frac{1}{4}$ hrs. In 10 mins. had 50 psi on $\frac{1}{4}$ " ck. at 92 MCF/D. Water to surface in 15 mins. on $\frac{1}{4}$ " ck. @ 60 psi. In 25 mins. on $\frac{1}{4}$ " ck. had 125 psi flowing water & gas. In 30 mins. on $\frac{1}{4}$ " & $\frac{1}{2}$ " ck. had 120 psi flowing gas & water, 25,000 PPMCI, pit water 23,000 PPMCI. Well continued to unload gas too small to measure & water by heads for next 2 hrs. SI 5 hrs. Recovered 6054' of water. Top sample - 29,000 PPMCI, 10th stand sample - 42,000 PPMCI, 20th stand sample - 52,000 PPMCI, 30th stand sample - 63,000 PPMCI, 40th stand sample - 68,000 PPMCI, 50th stand sample - 74,000 PPMCI, bottom of drill collars - 78,000 PPMCI, sampler water - 78,000 PPMCI, sampler recovery - 0.72 cu. ft. gas, 2100 cc water @ 1200 psi, sampler capacity - 2300 cc. IHP 3109, 1st preflow 1334, 1st FFP - 2362, 1st SIP - 2780 ($1\frac{1}{2}$ hrs.), 2nd IFP - 2055, 2nd FFP - 2758, 2nd SIP - 2802, FHP 3081.

D.S.T. #2, straddle packer test, 7064-7086'

Tool opened w/strong blow on $\frac{1}{4}$ " choke, GTS in 17 mins. @ 42 psig on $\frac{1}{4}$ " ck.

<u>Time (mins.)</u>	<u>Choke</u>	<u>Pressure (psig)</u>	<u>Rate (MCF/day)</u>
20	$\frac{1}{4}$ "	44	84
30	$\frac{1}{4}$ "	48	90
40	$\frac{1}{4}$ "	48	90
60	$\frac{1}{4}$ "	46	87
80	$\frac{1}{4}$ "	42	81
90	$\frac{1}{4}$ "	39	75

Shut in 2 hrs. Recovered 1549' water. Top sample - 25,000 PPMCI, middle sample - 50,000 PPMCI, top drill collars - 51,000 PPMCI, top tool sample - 54,000 PPMCI, pit water - 23,000 PPMCI. IHP 3140, IFP 88, FFP 684, FSIP 2806, FHP 3140, BHT 124 F.