Drill Stem Test Summary El Paso Federal No. 4

# D.S.T. NO. 2, 9326-9420'

Tool opened with weak blow increasing to fair blow in 1 minute. Tool open 30 mins. with 1-3/4 psi. SI 60 mins. Reopened with good blow for 60 mins., has 14 ozs. on ¼" choke and no gas to surface. SI 120 mins. Pulled packers @ 11:30 p.m., 10-24-74. Recovered 110' drilling fluid. IHP 4851, Preflow 96-112, ISIP 1558 in 60 mins., IFP 112, FSIP 2518, FHP 4835, BHT 156 deg. F. Pit chlorides - 260,000 PPM, top recovery - same.

# D.S.T. NO. 3, 9750-9910'

#### 10-27-74

Tool open initially with weak blow, opened 30 mins., increased to 12 psig on  $\frac{1}{4}$ " choke. SI 1 hour. GTS in 38 mins. after shut in. Reopened on  $\frac{1}{4}$ " choke:

Time (mins.)	Pressure (psig)	Rate (MCF/day)
0	2	TSTM
2	35	51
5	45	66
8	48	72
10	46	67
15	45	66 ·
30	45	66
45	45	66
60	45	66
75	45	66

Shut in  $2\frac{1}{2}$  hrs. Recovered 490' of slightly gas cut drilling fluid. Sampler press. 125 psig, recovery - 0.2 cu.ft. gas, 100 cc water. IHP 4742, Preflow 65-178, ISIP 2206 in 1 hour, IFP 162, FFP 194, FSIP 4311 in  $2\frac{1}{2}$  hrs., FHP 4726, BHT 163 deg. F.

## D.S.T. NO. 4, 10,580'-10,645'

## 10-31-74

Tool open initially for 30 mins., GTS in 6 mins. At end of initial opening had gas flow rate of 1949 MCF/day & 560 psig on 3/8" choke. Shut in  $1\frac{1}{2}$  hours. Trapped 505 psig in drill pipe. Reopened for 3 hours with flow as follows all on a 3/8" choke: (continued on page 3)