

EL PASO "3" FEDERAL NO. 1

D.S.T. SUMMARY

D.S.T. # 1, 8320' - 8355'

Tool opened @ 7:05 a.m., 8-22-73. Opened w/very good blow. At end of 2 mins. on $\frac{1}{2}$ " choke had 30# surface pressure, in 10 mins. GTS on $\frac{1}{2}$ " choke w/35# surface pressure, in 15 mins. on $\frac{1}{2}$ " choke had 35# surface pressure and rate of 220 MCF/D. Shut in 105 mins., reopened for 90 mins. on $\frac{1}{2}$ " choke.

<u>Elapsed Time</u>	<u>Surface Pressure</u>	<u>Rate (MCF/D)</u>
10 mins.	35 psig	220
20	40	252
30	40	252
40	40	252
50	40	252
60	40	252
70	35	220
80	38	239
90	35	220

Tool shut in 180 mins., recovered 1140' of fluid (1000' or 14 bbls. 49 deg. API condensate and 140' or 0.7 bbls. drilling fluid). Condensate and drilling fluid were reversed out of drill pipe. BHT 138 deg. F., IHP 4257, IPFP 138, FFPF 184 (15 mins.), ISIP 4029 (105 mins.), IFP 184, FFP 506 (90 mins.), FSIP 3938 (180 mins.), FHP 4212. Sampler recovery: 2.6 cubic ft. gas and 650 M.L. condensate.

D.S.T. # 2, 10,020' - 10,130'

Tool did not open for initial flow, initial shut in not recorded. Tool opened for 2 hrs. w/good blow, GTS in 23 mins., max. rate 37 MCF/D on $\frac{1}{4}$ " choke @ 12 psig, decreased to 31 MCF/D on $\frac{1}{4}$ " ck. @ 8 psig at end of test. Shut in 4 hrs. Recovered 180' gas cut mud. IHP 5537, IFP 107, FFP 107 (2 hrs.), FSIP 5558 (4 hrs.), FHP 5474. Time breakdown: $3\frac{1}{2}$ hrs. conditioning mud & $20\frac{1}{2}$ hrs. testing.

RECEIVED

DEC 19 1973

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO