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D.S.T. SUMMARY

EL PASO 'X' FEDERAL NO. 2

APR 4 - 1974

O. C. C.
ARTESIA, OFFICE

DST # 1, 9516' - 9543'

Tool open for 25 mins. with good blow increasing to very good blow, GTS in 24 mins., at 25 mins. had 50 psig on $\frac{1}{4}$ " choke & 93 MCF/day. Shut in $1\frac{1}{2}$ hrs. Reopened with strong blow.

<u>TIME (mins.)</u>	<u>PRESSURE (psig)</u>	<u>CHOKE</u>	<u>RATE (MCF/day)</u>
5	30	$\frac{1}{4}$ "	63
10	40	$\frac{1}{4}$ "	78
15	60	$\frac{1}{4}$ "	107
30	100	$\frac{1}{4}$ "	166
45	140	$\frac{1}{4}$ "	225
60	170	$\frac{1}{4}$ "	250
75	200	$\frac{1}{4}$ "	313
90	222	$\frac{1}{4}$ "	345

Shut tool in for 3 hrs. Recovered 560' fluid (250' of 46 deg. API @ 60 deg. condensate & 310' drilling fluid). Top water - 42,000 PPM, bottom water - 43,000 PPM, pit sample - 38,000 PPM. IHP 4297, IPFP - 44, FFP 109 (25 mins.), ISIP 4165 (90 mins.), IFP 87, FFP - 394 (90 mins.), FSIP 4165 (180 mins.), FHP 4297.

DST # 2, 10,701' - 10,850'

Tool opened @ 8:45 a.m., CST, 12-4-73, with fair blow increasing to very strong in 60 sec. GTS in 9 mins. Flow pressure 460 psig on $\frac{1}{4}$ " choke w/695 MCF/D rate. Shut in @ 8:50 a.m. Tool open 15 mins., closed 90 mins. Reopened with weak blow increasing to strong, GTS immediately on $\frac{1}{4}$ " choke.

<u>Elapsed Time</u>	<u>Pressure (psig)</u>	<u>Choke</u>	<u>Rate (MCF/day)</u>
5 mins.	230	$\frac{1}{4}$ "	358
10 mins.	410	$\frac{1}{4}$ "	622
15 mins.	570	$\frac{1}{4}$ "	860
30 mins.	920	$\frac{1}{4}$ "	1370
45 mins.	1170	$\frac{1}{4}$ "	1740
60 mins.	1340	$\frac{1}{4}$ "	2000
75 mins.	1470	$\frac{1}{4}$ "	2175
90 mins.	1565	$\frac{1}{4}$ "	2320
105 mins.	1640	$\frac{1}{4}$ "	2520