

PLAINS PETROLEUM OPERATING COM1 Y
985' FSL & 550' FEL
Sec 34, T23S, R37E, Unit M
E. C. Hill 'B' Federal #12
Teague Devonian
Lea Co., NM
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DST's as follows:

11-09-94 DST #1 6395' - 6425', ABO porosity 6404' - 6420'.

Surface Action: Open tool for 10 min pre-flow w/good blow. Increase to BTM bucket 30 sec. Open 1/4" choke, 3 psi in 5 min, 3 psi in 10 min. Close in tool for 1 hr initial shut-in. Reopened tool for 60 min. Final flow w/good blow, increase to BTM bucket in 5 sec, 1/4" choke, 9 psi in 1 min, GTS in 2 min, 6 psi in 5 min w/22.9 MCF, 4 psi in 10 min w/18.5 MCF, 3 psi in 15 min w/15.7 MCF, 2 psi in 20 min w/12.7 MCF, 5" 20 min 60 min w/3.71 MCF. Close in tool for 2 hr final shut-in.

Recovery: 60' - .3 BBL drlg mud, 6000 Chl. Rw .70 @ 60°F.

Sample Chamber: 2000cc - 25 psi, .11 Cuft gas, 810 cc drl mud.

Pressure: IHD 2962 psi, FHD 2962 psi, PFP 82 psi - 62 psi, ISIP 2233 psi, FFP 62 psi 41 psi, FSIP 2525 psi, BHT 128°F @ 6377'.

11-20-94 DST #2, McKee Sand 9329' - 9396'

Surface Action: Open tool for 15 min preflow w/ weak blow. Increased to 1" @ 5 min, 1-1/4" @ 10-15 min. SI for 1 hr initial shut-in. Reopen tool for 60 min. Final flow w/weak blow. Increased to 3/4" @ 5 min, 3" @ 10 min, 10" @ 15 min., bottom of bucket @ 18 min, 20" @ 30-35 min., 24" @ 45 min., 30" @ 60 min. Close for 2 hr SI.

Recovery: 933', 7.79 BBL, 15' free oil, .21 BBL. Gravity 44.2° @ 60°F. 933' 7.58 BBL, 90' gas in pipe. Drill mud, Chl 4000 ppm, Rw 1.1 @ 68°F. Noticed leak in DC's on trip out.

Sample Chamber: 2000 cc, 200 psi, .891 cu ft gas, 500 cc, oil gravity 44.2° @ 60°F, 650 cc mud, Chl 4000, Rw 1.1 @ 60°F.

Pressures: IHP 4307 psi, FHP 4307 psi, PFP 248 - 228 psi, 15 min ISIP 1773 psi, 60 min FFP 311 - 290 psi, 60 min FSIP 1943 psi, 120 BHT 145°F @ 9311'.

11-22-94 DST #3 - McKee Sand 9396' - 9460', McKee Porosity 9412' - 9460'.

Surface Action: Small blow before test opened. Open w/weak blow for 15 min preflow. Increased to 2" @ 5 min, 6" @ 10 min, 8" @ 15 min. SI for 1 hr initial shut-in. Reopen tool for 60 min final flow w/weak blow (5" from hole before opening tool), 10" @ 5 min, 10" @ 10 min, 12" @ 15 min, 13" @ 20 min, btm of bucket @ 24 min, 14" @ 25 min, 18" 30 min, 35" @ 35 min, 46" @ 40 min, 55" @ 45 min, 73" @ 50 min, 86" @ 55 - 60 min. SI for 2 hr final SI.

Recovery: Reverse 1092' - 9.56 BBL, 107' - 1.5 BBL oil, 44.3° @ 60°F, 985' - 8.06 BBL drlg mud, 5000 ppm Chl, Rw - .85, 400' gas in DP. *Leak in DC - LD same.

Pressure: IHP 4307 psi, FHP 4286 pis, PFP 373 - 352 pis 15 min, ISIP 2275 psi 60 min, FFP 518 - 580 psi 60 min, FSIP 2337 psi 120 min.