

El Paso Federal #7

10-17-81---T.D. 11,191', Loggers 11,183' in shale. pH 10, PP 1800 @ 50 SPM.
Mud: Viscosity 37, Wt. 9.7. Weight Loss 10.0, F/C 1/32.
Time: 10 hrs. logging, ½ hr Rig down loggers, 5½ hrs Trip in hole, 3 hrs
Circ gas off bottom-small flare for 60 min., 5 hrs lay down drill pipe.
Present operation: laying down drill pipe.

10-18-81---T.D. 11,191' Present operation: W.O.C.
R.I.W. as follows- 4½" casing:

| | | |
|---|----------|------------|
| One Float Shoe | 1.59' | |
| One jt., N-80, 13.5#/ft LT&C casing (Plain) | 39.68' | |
| One Float Collar | 1.43' | |
| Two jts., N-80, 13.5#/ft LT&C casing (Plain) | 79.24' | |
| 11 jts., N-80, 13.5#/ft LT&C casing (Ruff-Kote) | 436.45' | |
| One jt, N-80, 13.5#/ft LT&C casing (Plain) | 5.80' | Marker Jt. |
| Six jts, N-80, 13.5#/ft LT&C casing (Ruff-Kote) | 236.29' | |
| Nine jts, N-80, 13.5#/ft LT&C casing (Plain) | 357.21' | |
| 209 jts, N-80, 11.60#/ft LT&C casing (Plain) | 8079.77' | |
| 50 jts, N-80, 11.60#/ft LT&C casing | 1957.89 | |

D.V. tool 3.06' at 6880' K.B.. Total 11,198.41'. Pipe centralized through
Morrow, Canyon, and Delaware formation, casing set at 11,190' K.B.
Cemented 4½" casing as follows:

First Stage: 550 sxs Trinity-Lite w/1/4# flocele/sx 0.5 % Halad-22 and 0.4%
CFR-2 (S.W. 12.4 PPG, yield 1.69 cu.ft/sx) and 850 sxs. class "H" w/3# KCL/sx,
0.8% Halad-22 and 0.4% CFR-2 (yield 1.18 cu. ft/sx, S.W. 15.6 PPG). Plug down
@ 1:30 A.M. 10-18-81.

Time: 1-3/4 hrs repair transmission (Hi Chain), 5-3/4 hrs lay down drill pipe
and drill collars. Rig up and run 4½" casing, 8½ hrs run 4½" casing, 1-1/4 hrs
rig up Halliburton, circulate, and tag bottom, 2½ hrs cementing 4½" casing,
4½ hrs W.O.C.

10-19-81---T.D. 11,191' in shale. Logger's TD 11,183'. Circulated through D.V.
at 6880' from 2:00 A.M. 10-18-81 till 7:30 A.M. 10-18-81, circulated excess of
334 sxs cement in first stage.

Second Stage: Cemented w/1100 sxs. trinity-lite w/ ¼ # flocele per sx, 0.5%
Halad-22, 0.4% CFR-2 (SW 12.4 ppg and yield 1.69 cu. ft/sx) plus 100 sxs Class
"C" (SW 14.8 ppg and yield 1.32 cu. ft per sx), closed D.V. tool, W.O.C., set
4½" slips, cut off 4 ½" casing, N.D. BOP's, NU well-head and cleaned mud pits.
Rig released 4:00 P.M. 10-18-81.