

PUBCO "33" FEDERAL NO. 1

810 FSL & 1980 FEL of OCT 31
Section 33, T-8-S, R-31-E

12 52 11 '68

Chaves County, New Mexico

DRILLSTEM DATA:

DST #1 3800 - 3910:

tool open 5 hrs 15 min, fair-weak blow, rec 90' drlg. fluid + 2350' SGC sulf wtr; 90 min I.SIP 1310# - 5 hr F.SIP 1283# - IF 488# - FF 1089# - HPI & HPO 1807#

DST #2 8510 - 8571:

15 min pre-flow-strong blow, GTS 15" - 1 hr I.SIP - 1½ hr 2nd flow - G.V. 1.7 MMCFGPD - 1½ hr SI - 1½ hr FF - G.V. stab. @ 1.63 MMCFGPD - 3 hr F.SIP HPI & HPO 4482# - I.SIP 3411# - 2nd SI 3299# - F.SIP 3277# - IF 346# - 2nd flow 445# - FF 485# - R.O. 300' GCM w/tr. dist. - 200' filt. wtr (76,000 ppm) Sample chamber contained: 30 cc dist., 70 cc wtr & 2.5 CFG w/465# pressure.

DST #3 8581 - 8606:

15 min pre-flow, GTS 14" - 1 hr I.SIP - 2hr 2nd flow - fair blow, no gas to surface - 2 hr 2nd SI - 2 hr FF, fair blow, no gas to surface - 3 hr F.SIP - HPI 4489# - HPO 4460# - I.SIP 1258#; 2 nd SI 2126# - 3 hr F. SIP 2757# - All flow press. were 71# - rec 124' SGCØM

DST #4 8646 - 8746:

15" pre-flow - weak blow - 1 hr I.SIP - tool op 1 hr w/gd blow-no gas - 2 hr SI - 1 hr 2nd flow - weak blow - 3 hr F. SIP - rec 60' ØM-n/s - HPI 4615# - HPO 4571# - All flow press were 46# - I.SIP 276# - 2nd SIP 369# - F.SIP 414#

DST #5 9068 - 9145:

15" pre-flow - very weak blow - 1 hr I.SIP - tool op 1 hr-very weak blow for 1" & died - 3 hr FSIP - rec 8' drilling mud - HPI & HPO 4786# - 15" pre-flow press 69 to 92# - 1 hr ISIP 92# - 3 hr FSIP 92# - 1 hr IF & FF 69#

DST #6 10,596 - 10,612:

15" pre-flow - weak blow - 1 hr ISIP - tool open 1 hr - weak - fair blow - S.I. 1 hr - re-opened tool 3 hrs-fair blow - 3 hr FSIP - rec 180' oil (grav 44), 90' drlg. fluid & 1914' salty sulf wtr - sample chamber contained: 0# pressure & 1400cc of salty sulf wtr - Pressures: 15" pre-flow - IF 87# FF 218# - 1 hr ISIP 4068# - 1 hr flow - IF 240# - FF 372# - 1 hr SI 4090# - 3 hr flow - IF 415# - FF 962# - 3 hr FSIP 4111# - HPI & HPO 5401#