

PENNZOIL UNITED, INC.

GALLAGHER "8" STATE #1

660 FNL & 510 FWL
Sec. 8, T-17-S, R-34-E
Lea County, New Mexico

NOV 13 11 01 AM '68

DRILL STEM DATA:

DST #1 4891 - 5020:

tool open 2 hrs 15" - rec. 152' drlg. fluid & 2,000' salty sulf. wtr - no oil or gas, IF 366#, FF 846#, - 1 hr ISIP 1661#, 2 hr FSIP 1511# - HPI & HPO 2193#

DST #2 6115 - 6222:

tool open 1 hr 15", rec 120' drlg. mud - 1 hr ISIP 223# - IF 53# - FF 85# - 1 hr FSIP 1127#

DST #3 10,220-10,240:

tool open 1 hr 15 min - no blow, recovered 5' drlg. mud -n/s; HPI & HPO 4816#
IF & FF 43# - 1 hr ISIP & 1 hr FSIP 43#

DST 10,398 - 10,440:

tool open 2 hrs 45 min - GTS 15" max. 226 MCF decr. to 61.2 MCF @ end of test, R.O. 62 BO (40 grav. @ 60° F) - no wtr. - HPI & HPO 4960# - 15" IF 46# - FF 96#
2 hrs 30 min IF 96# - FF 490# - 1 hr ISIP 3920# - 2 1/2 hr FSIP 3470# & bldg. slightly.

DST # 5 10,741 - 10,812:

tool open 1 hr 15" - weak blow, dead in 5", rec. 90' drlg. mud - 1 hr ISIP 131#
1 hr FSIP 65# - 1 hr 15" IF 65# - FF 65# - HPI & HPO 5077#

DST #6 10,842 - 895:

tool open 1 hr 15", very weak blow 15" & died, rec. 4' drlg. mud - 1 hr ISIP 233# - 1 hr FSIP 233# - IF 23# - FF 23# - HPI & HPO 5348#

DST #7 10,923 - 945:

10" pre-flow, gd blow - GTS 12" - 1 hr ISIP, tool open 3 hrs, G.V. 25.7 MCF GPD on 1/4" ck - 3 hr FSIP - rec. 145' HO&GCM, 335' oil (47 grav @ 60°) w/tr. wtr. - Sample chamber contained: 110# press, 0.75 CFG & 12 cc oil, no wtr. - HPI & HPO 5337# - 1 hr ISIP 3702# - 3 hr FSIP 3314# - IF 65# - FF 109#

DST #8 10,977 - 991:

tool open 3 hrs 15 min - GTS 33 min, gd blow, decr. to fair thru out test - rec. 183' free oil, 100' GCM & 400' salt wtr. - HPI & HPO 5337# - 1 hr ISIP 3918# - 3 hr FSIP 3874# - IF 543# - FF 240#

DST #9 11,336 - 355:

tool open 2 hrs 45 min - GTS 18", strong blow decr. to weak @ end of test - rec. 136' of dist. cut mud - Sample chamber contained: 0# press - 0.123 CFG, no fluid - 1 hr ISIP 1845# - 1 hr 30 min 2nd SIP 301# - 3 hr FSIP 215# - All flow pressures 43# - HPI & HPO 5560#

DST #10 11,593 - 630:

15" pre-flow, weak blow - 1 hr ISIP, tool open 3 hrs, fair blow thru out, GTS 1 hr 25 min - TSTM - 3 hr FSIP, rec. 385' O&HGCM & 2,000' WB; IF & FF 952# - 1 hr ISIP 7028# - 3 hr FSIP 7010# - HPI 7073# - HPO 6983# - Sample chamber cont. 700# press. 1.03 CFG. 800 cc dist. (46.3 grav @ 60°) & 900 cc HO&DCM