

THE SUPERIOR OIL COMPANYPARKS COM NO. 1

1650' FNL & 1650' FWL
SECTION 5, T-25-S, R-26-E
WHITE CITY FIELD
EDDY COUNTY, NEW MEXICO

DST NO. 1-A: 11,233'-11,293'

Halliburton tester, 5/8" bottom choke, 500' 10.1 lb SW cushion, packers at 11,228' and 11,233'. Opened tool at 8:28 P.M. for 20 minutes, good blow on 1/4" surface choke. Closed in for 1 hour ISIP. Opened tool for 1 1/2 hours test at 9:48 P.M. on 1/2" choke w/gas to surface in 25 minutes, gas too small to measure. Closed in for 2 hour FSIP. Pulled loose at 1:15 P.M., POH/DST No. 1-A. Recovered 500' water cushion plus 682 gas cut drilling mud, 21,000 GPG NACL. Recovered in sample chamber 1250 cc drilling fluid, 17,000 GPG NACL plus 3.7 SCF gas at 160 psi. One hour ISIP 4604 psi, FP 350-394 psi, 2 hour FSIP 4735 psi, HP 5279 in and 5708 out. BHT 166 deg F.

DST NO. 2: 11,487'-11,803'

Halliburton, 500' 10.1 lb salt water cushion, 5/8" bottom choke, packers at 11,481' and 11,487'. Opened tool at 5:40 this A.M. thru 1/4" top choke for 20 minutes preflow, good blow w/gas to surface at end of preflow. Shut in for 1 hour ISIP. Opened tool for test at 7:00 A.M. w/weak blow of gas on 1/2" surface choke. Tested for total of 2 hours w/weak blow, slight amount of gas. Closed tool for 4 hours. POH. Found 2 DP leaks 7 jts and 1 jt above DC. Recovered 6650' heavily gas cut drilling fluid plus 500' gas cut wtr cushion, 19,300 GPG NACL. Recovered in sample chamber 1800 cc drilling brine, 19,000 GPG NACL, plus 0.5 cu ft gas at 100 psi. One hour ISIP 2055 psi and building, FP 1749-2362 psi, 4 hour SIP 3461 psi and building, HP 6062 psi in and 5973 psi out, BHT 168 deg F.

DST NO. 3: 11,492'-11,951'

500' salt water cushion, 5/8" bottom choke, packers at 11,486' and 492'. Tool open at 12:20 A.M. for 10 minute preflow, gas to surface in 7 minutes. Shut in for 1 hour ISIP. Opened tool for 3/4 hour on 1/2" surface choke w/slight blow, no surface pressure, gas too small to measure. Shut in for 3 hour FSIP. POH. Recovered 500' wtr cushion plus 2160' gas cut drilling mud from leaks in DP. One hour ISIP 1352 psi, FP 843-890 psi, 3 hour FSIP 1813 psi, HP 5807 psi in and 5715 psi out.

DST NO. 4: 10,838'-10,994'

Dry, 5/8" bottom choke, bottom packers at 10,994' and 11,000', top packers at 10,832' and 10,838'. Opened tool at 11:15 A.M. for 30 minute preflow, 1/4" top choke, good blow w/gas to surface 7 minutes, TP 250 psi at end of 30 minute test, estimated rate 370 MCFPD. Shut in for 1 1/2 hour ISIP. Opened tool for test at 1:15 P.M. for 30 minutes thru 1/4" surface choke, estimated gas rate 450 - 500 MCFPD, after 15 minutes of test pkrs began leaking and lost 28 bbl down annulus and TP went from 310 to 0#. Shut in tool at 1:45 P.M. for 2 hours. Pulled 34 stands to fluid and circulated out 49.5 bbl of heavily gas cut drilling mud. POH, lower top packer torn. Recovered 2500 cc drilling mud in sample chamber at 200 psi. 1 1/2 hour ISIP 5490 psi, FP 575 - 890 psi, FSIP no good, HP 5623 in and 5626 out.