

2-25-37

WELL RECORD

STATE A-2 NO. 2

DRILL STEM TESTS

DST No. 1 - Blinebry 5456-5603. Close tool 30 min for ISIP. Tool open 1 hr. Gas to surface in 18 minutes. Fair blow through test, Gas TSTM. Tool closed for FSIP. ISIP 1/2 hr - 1250. IFP - 385, FFP 295, FSIP 1/2 hr - 850. Rec 720' GCDM. Buildup incomplete, insufficient data to make calculations.

DST No. 2 - Drinkard 6034-6141. Tool open 1 hr. Fair blow immediately decreasing to weak blow in 1/2 hr. Very weak gas to surf in 37 min. Dead in 1 hr. ISIP 635, FSIP 405, IFP 255, FFP 320. Hyd in 3035, out 3015, Temp 110. Rec 750' lightly oil & gas cut drlg mud. Calc avg perm 0.725 MD.

DST No. 3 - Abo - 6385-6550. Tool open 2 hrs. Good blow immediately continuing throughout test. Gas to surf in 3 min (3000 MCF). Rec 660' oil and gas cut mud plus 360' free oil. ISIP 2905, FSIP 2820, IFP 385, FFP 490. Hyd in - 3115, out 3115, Temp 112. Calc P.I. was 0.0547 BOPD/PSI. Calc damage ratio was 4.08.

DST No. 4 - Devonian 6903-7023. Tool open 1-1/2 hrs. Fair blow immediately, continued throughout test. Rec 90' free oil, 360' heavy O & GC Drlg Mud, plus 180' wtr. ISIP 1255 - FSIP 445, IFP 295, FFP 295. Temp 117. Hyd in - 3500, out - 3455.

DST No. 5 - Lower Devonian 7085-7190. Tool open 45 min, no blow. Rec 90' drlg mud. ISIP 110, FSIP 65, IFP 20, FFP 45. Hyd in 3445, out 3445, Temp - 112.

FINAL REPORT

TD 7515 LM, Abo String PB 6660, DF 10, Elev 3162, Csg Pt 3 Strings 2-7/8" at 7515. Log Comparison 7224 on G/R Sonic Caliper is 7224 on G/R Depth Control Log. Tops: Rustler 917, Salado 1020, Tansill 2203, Yates 2358, Seven Rivers 2614, Queen 3087, Grayburg 3370, San Andres 3609, Glorieta 4688, Blinebry Marker 5060, Tubb 5720, Drinkard 5953, Abo 6208, Devonian 6821, Fusselman 7225, Montoya 7520. North Justis Fusselman Zone, Pay 7225-7519, Net Effective Pay 0. Perfs: 7386-90 (Subsequently blanked off by CIBP at 7370 w/4 ft cmt on top), 7236-40, 7272-79 (subsequently blanked off by CIBP's at 7265 and 6885 w/4 ft cmt on top) w/2 JSPP by G/R Sonic Depth Control Log. Trtd Perfs: 7386-90 w/1000 gals acid, 7236-79 w/3000 gals acid using 20 ball sealers. No commercial prod encountered in North Justis Fusselman. Undesignated Abo Zone, Pay Abo 6382-6595, Net Effective Pay 47'. Perfs: 6719-21, 6737-40, 6786-70, 6776-79 (subsequently blanked off by CIBP at 6670 w/10 ft cmt on top), and 6400-04, 6411-13, 6421-23, 6437-40, 6446-54, 6464-66, 6473-75, 6482-84, 6491-93, 6502-04, 6510-12, 6523-25, 6528-30, 6538-40, 6543-46, 6552-54, 6570-72 and 6591-93 w/2 JSPP by G/R Sonic Depth Control Logs. Trtd Perfs 6719-79 w/3000 gal acid, 6400-6593 w/6000 gals acid. IP flwd 56 bbls 45 deg grav oil, 40 BW, in 11-1/2 hrs on 28/64" chk. TP 850 lbs, w/460 MCFGPD, GOR 8214, DOR 117 bbls. Est daily allow 16 BO. Probable PL Conn Texas-New Mexico Pipe Line Company. Tstd 10-27-62. North Justis Tubb-Drinkard Zone. Pay Drinkard 5968-6050', Net Effective pay 27'. Perfs: 5971-74, 5983-86, 5993-96, 6000-03, 6007-10, 6022-25, 6045-48 w/2 JSPP by G/R Sonic Depth Control Log. Trtd Perfs: 5971-6048 w/4000 gals acid. IP flw 143 bbls 38.6 deg grav oil, 0 BW, in 18 hrs, on 11/64" chk. TP 310 lbs. w/55.9 MCFGPD, GOR 293, DOR 191 bbls. Daily allow 50 BO. PL Conn - Texas-New Mexico Pipe Line Company. Tstd 10-7-62. North Justis Devonian Zone. Pay Devonian 6954-7050, Net effective pay 27'. Perfs: 6955-57, 6963-67, 6977-80, 7023-27, 7037-41, 7045-49 (subsequently squeezed w/100 sx cmt) and 7006-08, 7023-27, 7037-41, 7045-49, and 6955-57, 6963-67, 6977-80, 6983-92 w/2 JSPP, by G/R Sonic Depth Control Log. Trtd Perfs: 6955-7049 w/5000 gals acid. 6955-7049 w/1500 gals acid using 55 ball sealers. IP Flwd 27 bbls 38.1 deg grav oil, 0 BW, in 24 hrs, on 11/64" chk. TP 200 lbs, w/44.6 MCFGPD, GOR 1652 bbls. Est daily allow 27 BO. Probable PL Conn Texas-New Mexico Pipe line Company. Tstd 11-25-62. Drig started 8-28-62, Comp 9-29-62, rig released 10-1-62.