

W. A. MONCRIEF, JR.
#1 MARATHON STATE COM
1980' FSL & 1680' FEL
SECTION 11, T24S, R24E
EDDY COUNTY, NEW MEXICO

RECEIVED

MAY - 9 1980

O. C. D.
ARTESIA, OFFICE

DST DATA

- DST #1 10,275-10,315' opposite Morrow sands. Open 15 minutes, SI 85 minutes, open 1 hour and SI 2 hours. Recovered 217' slightly salty and water cut DM. Pit mud 83,000 PPM. Recovery 102,000 PPM. Sample chamber recovery 400 CC slightly salty water cut DM at 52#. 15" FP 53-53#, 85" ISIP 235#, 1' FP 26-26#, 2' FSIP 235#, HP 5051-5051#.
- DST #2 10,270-10,451' opposite Morrow sand. Open 15 minutes, SI 1 hour, open 1 1/2 hours, SI 230 minutes. Had GTS in 5 minutes. FP 625# on 3/8" choke at end of 15 minute preflow. Volume 2,150 MCFGPD. SI for 1 hour. Reopened for 1 hour 55 minutes. Flow rate stabilized at 7,200 MCFGPD. After 1 hour 25 minutes of regular flow period. FP 1090# on 1/2" choke. Recovered 475' DM. Chlorides 118,000 PPM, pit chloride 84,000 PPM. Sample chamber recovery at 50# was .3 CFG + 500 CC DM. 15" FP 777-1146#, 1' ISIP 4000#, 115" FP 878-2013#, 230" FSIP 3967#. HP 5016-5016#.
- DST #3 10,510-10,630' opposite Morrow sand was open 15 minutes, SI 1 hour, open 1 hour and SI 2 hours. Had GTS in 7 minutes on preflow. Volume at end of preflow period was 1,250 MCFGPD. SI for 1 hour. Reopened for 1 hour. Volume after 30 minutes of regular flow period was 1,780 MCFGPD. Volume at end of test was 2,160 MCFGPD, w/300# SFP on 1/2" choke. Recovery was 520' DM w/chlorides of 96,000 PPM. Sample chamber recovery at 270# was 200 CC DM + .4 CFG. Sample chamber chlorides 97,000 PPM and pit chlorides 95,000 PPM. 15" FP 337-439#, 1' ISIP 4393#, 1' FP 337-608#, 2' FSIP 4426#, HP 5243-5243#
- DST #4 (Straddle Test) 3200-3306' opposite Delaware sand. Open 15 minutes, SI 1 hour, open 1 hour, SI 2 hours. Had weak blow throughout test. Recovered 514' DM. 15" FP 60-121#, 1' ISIP 1131#, 1' FP 133-316#, 2' FSIP 1105#. Sample chamber recovery at 74# was 2400 CC DM. Chlorides 113,000 PPM. Pit chlorides 96,000 PPM.