W. A. MONCRIEF, JR. #2 MARATHON STATE COM 1980' FNL & 1650' FWL SECTION 11, T24S, R24E EDDY COUNTY, NEW MEXICO RECEIVED

NOV 0 6 1980

Q. C. D. ARTHUAL OFFICE

## DST DATA

- DST #1 9430-9477' opposite Strawn sand. Tool open 64 minutes, SI 1 hour, open 2 hours and SI 2 hours. Recovered 60' DM. Sample chamber recovery 1800 CC of DM. HP 4305-4305#. 64" FP 95-106#, 1' ISIP 519#, 60" FP 106-120#, 2' FSIP 2187#.
- 10,160-10,325' opposite Morrow sands. Tool open 30", SI 1 hour, open 2½' and SI 5 hours. Had GTS 17" on ½" choke on preflow. SI for 1 hr. Reopened on ½" ck.

  SFP on ½" ck after 30" was 395#, Volume 603 MCFGPD.

  SFP ON ½" ck after 1 hr. was 523#, Volume 791 MCFGPD.

  SFP on ½" ck after 90" was 800#, Volume 1,192 MCFGPD.

  SFP on ½" ck after 120" was 990#, Volume 1,477 MCFGPD.

  SFP on ½" ck after 150" was 1160#, Volume 1,727 MCFGPD.

  Had MTS 70" and WTS 130". Recovered 30' condensate + 1650' water.

  Chlorides of tool recovery 42,000 PPM, chlorides of sample chamber recovery 42,000 PPM and pit chlorides 42,000 PPM.

  Sample chamber recovery @ 2,000# was 500 CC water. 30" FP 861-1180#, 1 hr. ISIP 4098#, 2½' FP 810-2544# and 5' FSIP 4098#. BHT 116°.
- DST #3

  10,380-10,460' opposite Morrow sands. Tool open 30", SI 1 hour, open 1 hour and SI 2 hours. Recovered 90' DM. Sample chamber recovery at 120# was 1200 CC of DM. 30" FP 66-99#, 1 hr. ISIP 198#, 1' FP 99-115# and 2' FSIP 264#. H.P. 5032-5000#.