

TENNESSEE GAS TRANSMISSION CO.
 P. O. BOX 1031
 MIDLAND, TEXAS

TO: New Mexico Oil Conservation Commission
 REF: Drill Stem Test Record-State A. A. Kemnitz "A" 1

- DST #1-10,206-10,290: Tool open 4 hrs. good blow immediately; increased to strong blow after 15 minutes. Strong blow thru-out test. Gas to surface in 48 minutes at 6 MCFPD. Recovered 135' 41.5 gravity API oil, 270' HG&MCO, 215' MO&GCM, 45' salt water, salinity 95,000 ppm NaCl. IHSP 4905-FHSP 4850; 30 minute ISIP 3610-30 minute FSIP 435; IFP 75-FFP 195.
- DST #2-10,553-10,644: Tool open 1 hr. Opened w/few bubbles and died. By-passed tool after 30 minutes; few bubbles and died. No gas to surface. Recovered 900' SGC muddy water blanket, 60' SGC drlg. mud. IHSP 5220-FHSP 5090; 30 minute ISIP 200-30 minute FSIP 730; IFP 460-FFP 530.
- DST #3-10,640-10,731: Ran 1" BHCh. and 1400' water blanket. Tool open 2 hrs. and 49 minutes. Good blow immediately increased to strong blow in 1 minute. Gas to surface in 16 minutes at 195 MCFPD; increased to est. 3000 MCFPD after 30 minutes. Water blanket to surface in 22 minutes, mud in 31 minutes, and oil in 35 minutes. Flowed 13 BO, no water in 16 minutes on 1" Ch., and 157 BO, 41 gravity API oil, no water in 2 hrs. on 5/8" Ch. Reversed out 63 BO, no water. Recovered 30' oil, no water.
- DST #4-10,737-10,763: Ran 5/8" BHCh. 1640' water blanket. Tool open 5 hrs. and 20 minutes. Medium blow immediately increased to strong blow in 2 minutes. Gas to surface in 18 minutes at 33 MCFPD. Water Blanket to surface in 54 minutes, oil in 60 minutes. Flowed 27 BO 41.1 API gravity in 20 minutes on 1" Ch. 155 BO in 4 hrs. on 1/2" Ch. w/GOR 1850-l. Reversed out 50 BO, recovered 10' oil, no water. IHSP 5390-FHSP 5315; 30 minute ISIP 3840-30 minute FSIP 3830; IFP 1060-FFP 2560.
- DST #5-11,335-11,436: Ran 5/8" BHCh. 3200' water blanket. Tool open 20 minutes, opened w/few bubbles and died. By-passed tool after 15 minutes, few bubbles and died. Recovered 3140' MWB, 60' MWCM, 60' drlg. mud. No salt water or gas recovered. IHSP 6530-FHSP 6295; 15 minute ISIP 2005-15 minute FSIP 2455; IFP 1495-FFP 1495.

ISOL 2000.0000
GAMES, GAMES, GAMES

1 "A" returned .A .A 0435-0000 test date: 11/10/80.

[illegible][illegible][illegible][illegible][illegible]

DST #6-11,440-11,503: Ran 5/8" BHCh. 4700' water blanket. Tool open 4 hrs. Weak blow immediately increased to strong blow in 3 hrs. Gas to surface in 3 hrs. and 7 minutes at 18 MCFPD, decreased to 16 MCFPD at end of test. Reversed out est. 4700' NO&GCWB, 8 BO 43.2 API gravity. IHSP 7085-FHSP 6950; 30 minute ISIP 6975-30 minute FSIP 6545; IFP 2375-FFP 2895.

Note: Following information for DST #3-IHSP 5390-FHSP 5315; 30 minute ISIP 3840-30 minute FSIP 3830; IFP 1060-FFP 2560.

