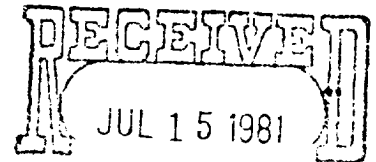


DRILL STEM TESTS

Yates Petroleum Corporation
Allison "CQ" Federal #7
1980' FNL & 660' FWL, Sec. 23-19S-24E
Eddy County, New Mexico



OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

DST #1: at 5934'. Packers set at 5776' and 5782' with 30' perforation in shoe. 30 minute preflow; 60 minute shut in; 60 minute final flow, 120 minute final shut in. Recovered 376' drilling fluid. Recovered 150 psi in sample chamber with .224 cfg. Bomb data is as follows: IFP 132-159'; FFP 106-132; ISIP 1131-1655; HP 2603-2603. GTS in 9 minutes into final flow.

DST #2: packer seats at 8715'. Test 72'. Preflow 30 minutes w/very strong blow. GTS in 3 minutes. Preflow w/550 surface psi ending w/2200 psi on 1/4" choke. ISI 90 minutes; FFP 120 minutes w/gas to surface. Surface pressure started w/800 psi on 1/2" choke and stabilized at 1425 psi. FSIP 180 minutes. Recovered 90' of fluid (50' was distillate w/gravity of 44.2 at 60 degrees and 40' of drilling mud). Sampler: 1800 psi - 14.45 cfg. No oil or water. Bomb data: BHT: 162 degrees. IHP 4181; IFP 1188-2854; ISIP 3242; FFP 1451-2240; FSP 3104; FHP 4181.

