

SOUTHLAND ROYALTY COMPANY NO. 1- FEDERAL "3"  
EDDY COUNTY, NEW MEXICO

D S T ' S

DST NO. 1- 10,040-10,092'

Tool open 1 1/2 hrs. Recovered 1000' SGCWB, 240' GCDM. Tool opened with weak blow increased to fair blow throughout test. No GTS. IHMW 4847#, 30 min. ISIP 2808#, IFP 488#, FFP 513#, 2 hr. FSIP 4332#, FHMW 4886#. Recovered in sampler - 0.3 CFG, 1580 cc HGCDM. Chlorides of recovered mud 8000 ppm, chlorides of pit mud 5000 ppm.

DST NO. 2 - 10,110-10,200'

Tool open 1 1/2 hrs. Opened tool with fair blow - increased to a good blow - decreased to fair blow at end of test. Rec. in drill pipe - 1000' WB, 360' GCDM, 7100' salt water. (Chlorides of recovered water 62,000 ppm). IHMW 4924#, 1 hr. ISIP 4142#, IFP 2360#, FFP 3860#, 2 hr. FSIP 4142#, FHMW 4924#. Recovered in sampler 0.2 CFG, 2400 cc salt water.

DST NO. 3 - 10,215-10,375'

Tool open 2 hrs. Opened with weak blow increased to good blow then decreased to weak blow. Recovered in drill pipe - 1000' WB plus 150' GCDM. IHMW 5014#, 1 hr. ISIP 1552#, IFP 526#, FFP 526#, 1 hr. FSIP 1629#, FHMW 5014#. Recovered in sampler 0.3 CFG and 820 cc GCDM. (Chlorides 12,000 ppm - chlorides of pit sample 8000 ppm).