

RECEIVED

STATE 19 COM. NO. 1 - DRILL AND EQUIP 10,950' MORROW

FEB 14 1979

O. C. C.
ARTERIAL OFFICE

12-30-78

Moved in, rigged up Ard Drilling Company.

Spudded 17 1/2" surface hole at 1:00 P.M. 12-29-78.

Present depth 415' and drilling. Progress 415'. Lost circulation at 305'.
Lost 750 barrels mud. Mixed and pumped 1000 barrels mud and lost circulation material. Did not regain circulation. Present operation: dry drilling surface hole. Deviation at 254' - 1/4°.

12-31-78

Present operation: nipping up. Depth 431', surface casing total depth. Progress 16'. Ran casing as follows: guide shoe, 40' shoe joint, float collar, 9 joints 13 3/8", 48#, ST&C, H-40 casing, set at 431' with float collar at 391'. Total casing run: 434'. Cemented with 750 sacks Class "C" with 2% CaCl₂, 1/2#/sack Flocele, 7#/sack salt. Displaced plug with 62 barrels fresh water. Plugged down at 1:30 P.M. 12-30-78. Did not circulate cement. Ran temperature survey, top of cement at 250'. Dumped 270 cubic feet ready-mix concrete down annulus and brought cement to surface. Cut off casing, installed 13 3/8" casinghead.

1-1-79

Drilling at 1006'. Progress 575' redbed. Drilling with brine. Weight 10.0#. Viscosity 33. Deviation at 694' - 3/4°, 943' - 3/4°. Tested 13 3/8" casing before drilling out to 600 psi. Held o.k.

1-2-79

Drilling at 1487' anhydrite. Progress 481'. Drilling with brine, weight 10.2#, viscosity 32, deviation at 1190' - 3/4°, 1439' - 1/4°.

1-3-79

Drilling at 1722'. Progress 235'. Drilling with brine water, weight 10.6#, viscosity 32, deviation at 1688' - 3/4°.

1-4-79

Drilling at 2190' with brine water. Progress 468'. Weight 10.0#. Deviation at 2185' - 3/4°. Encountered 2" water flow ("fresh" water) while making trip.

1-5-79

Drilling at 2466' lime. Progress 276'. Drilling with brine water. Weight 10.1#. Deviation at 2221' - 1/4°.

