

(4197A)

Drill History - Alum 51-29

- 3/10/83 Rig moved onto site and was set up by 11 am. Spudded 10-1/4" hole to 201', ran 201' of 7" (20#/ft.) casing and cemented with 2-1/2 yards of 7 sach sandmix.
- 3/11/83 Installed B.O.P.E., found small leak on flange under pressure, removed B.O.P. and rewelded inside flange. Replaced B.O.P. and tested both blind and pipe rams at 200 psi for 20 minutes. Commenced drilling at 11 pm. Drilled from 201' to 246' with foam for a daily total of 45'. Hole is 6-1/4".
- 3/12/83 Drilled from 246' to 446' for 200'. Then shut down at 4 pm for repair due to no power on hydraulic system.
- 3/13/83 Drilled from 446' to 1084' for a daily total of 638'. A water sample was collected at 666' (32°C, ph 6.8-7.0, 60 gpm. Changed to mud at 840'.
- 3/14/83 Drilled from 1084' to 1386' for a total footage of 302'. Mud wt 8.4, mud vis. 42, and Ph is 8.6. Dive shaft to rotary table broke at midnight, replacement shaft in Reno, rig shut down for repairs.
- 3/15/83 Shut down for repairs.
- 3/16/83 Drilled from 1386' to 1519' for a daily total of 133' after replacing rotary table drive shaft. Penetration 10-40 ft./hr.
- 3/17/83 Drilled from 1519' to 1525' for a total of 6 feet, then replacement drive shaft broke also. New replacement will be flown in from Denver.
- 3/18/83 Drilled from 1525' to 1626' for a total footage of 101'. Hole at 1525' changes to 6-1/8". Formation becoming very hard, penetration down to 5'/hr. Mud out temp. 108°F, Mud wt. 8.4, mud vis. 42, Ph 8.5.
- 3/19/83 Drilled from 1626' to 1846' for a total footage of 220'. Mud temp. out 118°F, wt. 9.2, vis. 62.
- 3/20/83 Drilled from 1846' to 1906(TD), total footage 60'. Hole changes at 1846° to 5-7/8" hole. A 3 foot core was taken at 1850'. Penetration 6'/hr.
- 3/21/83 Birdwell Geophysics ran gamma, caliper, SP and induction logs. Crew ran 1903 feet of 2" tubing in hole, removed B.O.P.E. and moved off location. Released rig at midnight.