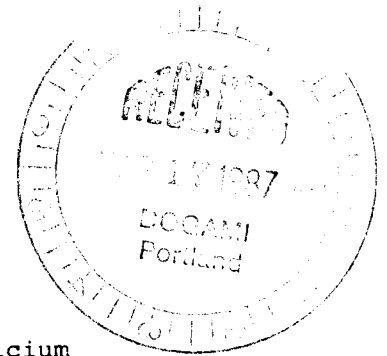


CE-NB-#3 WELL HISTORY

DDDDDIETARY



1986

- Aug. 11 Move in and rig up Buckner rotary rig.
- Aug. 12-25 Drill 8" hole from 0 - 565' with air foam.
- Aug. 16 Mud up hole. No circulation.
- Aug. 17 Lost circulation plug (LCP) #1 - 52 cu. ft. at 300 ft. (150' plug), Class G cement, 2-1 Perlite, 4% Gel, 3% Calcium Chloride (CaCl₂). Fluid level up to 35' from surface. Waiting on cement (WOC) 3 hrs. LCP #2 - 52 cu. ft. at 145' (150' plug) Class G cement, 2-1 Perlite, 4% Gel, 3% CaCl. WOC Monday morning.
- Aug. 18 Repaired rig. Drilled cement. Plug at 190' from LCP #1. Good returns.
- Aug. 19 Rig up and ran 18 joints, 4-1/2", 11.6#, N80 casing 575', landed at 565'. Circulate casing with mud. Pumped 4 barrels (bbls.) water ahead of 248 cu. ft. (100% excess) Class G cement, 2-1 Perlite, 4% Gel, 3% CaCl₂. Pumped plug to 535' with 8.5 bbls. water. Good cement returns. Plug in place 5:30 p.m.
- Aug. 20 Rig up Blow Out Preventers (BOP).
- Aug. 21 Test BOP. Blind rams at 700 psi 30 mins. Annular at 500 psi, 30 mins. Test OK
- Aug. 22-23 Rig up Longyear HD600 for core drilling.
- Aug. 24-26 Drilled out of shoe at 565'. Core drilled HQ size (3.781" hole diameter, 2.5" core diameter) from 565' - 851'. Lost circulation @ 635'.
- Aug. 27 Twisted off @ 760'.
- Aug. 28 Fished rods out of hole. Drilled HQ 851' - 857'.
- Aug. 29 Drilled HQ 857' - 893'. Twisted off @ 720'.
- Aug. 30 Fished rods.
- Aug. 31 Sept. 2 Fished rods. Cemented cave zones.
- Sept. 3 Drilled cement 700' - 803'. Drilled HQ 893' - 943'.
- Sept. 4-8 Drilled HQ 943' - 1418'. Rods binding. Pulled back to 520'. Reamed out cave.
- Sept. 9 - Oct. 1 Drilled HQ 1418' - 3415'. Stuck rods @ 3415'.

2/10/87

PROPRIETARY

- Oct. 2-4 Tried fishing rods.
- Oct. 5-7 Rig repaired
- Oct. 8 HQ rods free. Pulled out rods. ^{1760'} No core barrel.
- Oct. 9-10 Fishing 80' HQ rods.
- Oct. 10-11 Reduced to NQ. Core drilled NQ size (2.986" hole diameter, 1.875" core diameter) from 3415' - 3475'.
- Oct. 12-25 ^{counted TD} Core drilled NQ 3475' - 4348' TD. 3' cavity @ 3785'.
- Oct. 26 Retrieved 1760' of HQ rods from casing string. NQ rods 0-4348' left in hole for gradient pipe. HQ rods left in hole 1760' - 3415'.
- Oct. 27 Oct. 29 Rig down and move off site.

PB:sr:41
Z6132:D4