

HISTORY OF OIL OR GAS WELL

(Submit in duplicate)

In compliance with rules and regulations adopted pursuant to ORS 520.095 (Chapter 667 OL 1953)

Operator MICHEL T. HALBOUTY Field Wildcat (Dry Hole)
 Well No. 1-10 , Sec. 10 , T. -23-S R. -29-E W.B. & M.
 Signed *Boyle W. McClesner*
 Date September 16, 1977 Title General Superintendent
 (President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form in reporting the history of all important operations at the well, together with the dates thereof, prior to the first production. Include in your report such information as size of hole drilled to cementing or landing depth of casings, number of sacks of cement used in the plugging, number of sacks or number of feet of cement drilled out of casing, depth at which cement plugs started, and depth at which hard cement encountered. If the well was dynamited, give date, size, position and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position and results of pumping or bailing.

Date

6-8-77 Spudded 7:45 p.m. w/14-3/4" bit. 40' of 22" conductor had been set previously by rat hole driller in 30" hole and cemented at surface.

6-27-77: Set 9 jts. 16" .65#/ft. H-40 conductor at 377', cemented w/323 sacks of Class "G" cement w/3% CaCl₂. Encountered numerous lost circulation zones while drilling 14-3/4" hole and reaming to 20" hole.

7-4-77: Drilled 14-3/4" hole from 377' to 1299' w/air and foam, unable to continue due to excessive fresh water from red cinder zones 429' to 483' and 585' to 612'. Numerous lost circulation zones, regained circulation by spotting lost circulation material and cement.

7-24-77 Ran induction laterolog and 4-arm dipmeter. Ran and set 10-3/4" casing on bottom (2525') with 738 sacks Class "G" w/12% bentonite and 3% CaCl₂ followed by 190 sacks of Class "G" cement w/3% CaCl₂. Washed out 105' from surface and cemented w/85 sacks of Class "G" cement w/3% CaCl₂

7-26-77: Tested casing, BOP's, hydril, flow line valves and Swaco choke to 1500 psig, held OK. Witnessed by Messers. Vernon Newton w/Oregon Dept. of Geology and Ed Cavillo w/USGS.

7-27-77: Drilled out below casing shoe w/9-7/8" bit.

9-4-77 Lost returns @ 7684', spotted 100 sack cement plug on bottom, WOC 3 hrs, had 3' of fill, spotted additional 100 sack cement plug beginning at 7681', WOC 3 hrs, tagged top of cement at 7601', picked up 10' and pipe stuck. (Note numerous lost circulation zones encountered over entire drilled interval.)

9-9-77 Ran free point and found pipe free to 6034', backed off at 6018', left 1583' drill pipe in hole.

9-11-77 Ran dual induction laterolog 6018'-2525', compensated neutron density 6018'-2525', 4 arm dipmeter 5974'-2525', tagged top of fish at 6018', spotted 50 sacks Class "G" cement, spotted 100 sacks Class "G" cement plug from 2600', WOC 3 hrs., tagged top of fish at 2577', spotted 100 sacks Class "G" cement plug from 2 577', WOC 4 hours, tagged top of cement at 2395'. Witnessed by Messers Vernon Newton with Oregon Dept. of Geology and Mineral Industry and Joe De Lozier with USGS. 25' cement plug to be placed in top and 1/4" plate to be welded in top of 10-3/4" casing by Oregon Department of Geology & Mineral Industry after they have completed temperature surveys.

9-11-77 Rig released @ 4:00 p.m. 9-11-77.