Reichhold Energy Corporation   Section 4-6N-5W W.B.&M.
Well: Columbia County 44-4   Columbia County, Oregon

May, 1980

19,   Paul Graham Drilling and Service Company moved in rig
                         No.1 and rigged up.
                         Spudded in at 11:00 P.M. with 9-7/8" bit and drilled
                         ahead.
          40'   Clay

20,   425'   Clay and Volcanics
                         Ran 10 joints of 7" 20= K casing equipped with a guide
                         shoe and cemented around shoe at 407' with 150 sacks of
                         cement treated with 2% CaCl₂. No cement returns at sur-
                         face. Cement in place at 3:20 P.M.
                         Ran 1" pipe in annulus to 120'. Pumped in 50 sacks of
                         cement. No cement returns. Cement in place at 4:25 P.M.

                         Ran 1" pipe in annulus to 80'. Pumped in 50 sacks. Good
                         cement returns at surface. Cement in place at 7:30 P.M.

21,   Landed casing and installed 6" Series 900 screw on casing
                         head.
                         Installed and tested B.O.P. equipment.
                         Drilled out plug, cement below and shoe with 6-1/4" bit.
          497'   Clay and Sand
                         Lost and required circulation.

22,   1329'   Clay and Sand
                                      Survey at   986'   0°   45'
                         Losing some mud.

23,   2163'   Sand and Clay
                                      Survey at 2008'   1°   0'
                         Losing some mud.

24,   2791'   Sand and Clay
                                      Survey at 2400'   1°   0'

25,   2978'   Clay and Siltstone
                         Losing some mud.

26,   3061'   Siltstone and Sand
                         Ran Schlumberger Dual Induction-SFL Log from 406-3054.
                         Ran Schlumberger Borehole Compensated Sonic Log from
                         407-3060.
                         Plug No. 1 Hung drill pipe at 3000' and pumped in and
                         equalized 40 sacks of cement. Calculated to fill to
                         2784'. Cement in place at 9:05 P.M.
                         Plug No. 2 Hung drill pipe at 497' and pumped in 60
                         sacks of cement treated with 3% CaCl₂. Cement in place
                         at 10:35 P.M.

-1-

Reichhold Energy Corporation   Section 4-6N-5W W.B.&M.
Well: Columbia County 44-4   Columbia County, Oregon

May, 1980

27,   Located top of plug No. 2 at 444'.
                         Plug No. 3 Hung drill pipe at 444' and pumped in 41
                         sacks of cement. Cement in place at 4:55 A.M.
                         Located top of plug No. 3 at 340'.
                         Plug No. 4 Filled 7" casing with cement from 30' to 15'.

                         Cut off surface casing 4' below ground level and welded
                         on steel plate.
                         Hole abandoned in this condition.

-2-