

CONDENSED DRILLER'S LOG

Well spudded Nov. 5-53 - with 24" bit

80 viscosity Bentonite mud -

drilled 97' surface sands & cased same -

drilled 1500' 15' hole @ no returns of drilling fluid

Cased 15' hole through honeycomb lime which bottomed @ 860' & water sand @ 980' landed casing @ 1280' - inferior casing parted @ 1060' because of testing pressure

cemented upper portion of parted string. By displacement raising cement to 800'

drilled out plug & whipstocked past bottom portion of parted string & drilled 10' hole to 2560'

drilled 9' hole 2560 to 2890

drilled 8 5/8 hole to T.D. of 4819

Lime section 1400 to 1800 very bad to swell causing great difficulty in pulling out bit

Care should be taken in drilling conductor hole in this area and second lime section @ approx 88' should not be penetrated more than 4' otherwise total loss of fluid will occur and same resulting in serious surface crater

considerable chert was encountered but it is more abrasive & easily drilled

A total of 13 bits were used on the hole & subsequent holes could easily be drilled with 9-10

The well contains no penetration difficulty except that continuous treatment of fluid to lower pH is necessary