4806-18  T-39

For: North Line
158° 6' 2.8''
20° 48' 51''

Ctg: 9.15'

Depth: 70.4'

Log (Arranged by Macdonald)

0-70.4 Moisture Sow

Meyer notes < cavity 50.0'-50.5'

Meyer notes:

2 June 10 AM
Hole 12.1' Water 6.3'
Hole 70.4' Water 48.2'

2 At about 35'-38' a persistent stream of sand came at hole. Then a depth of 60' was reached the hole had to be cased for 25' to the depth to stop sand

3 June 11, 1935
Electromagnetic tests determined moisture if under ground water between hole 37 and 38. Hole 37 being 50' south and north of hole 38 string pulled in 37 & 5512'. With level 54.6' rods were placed in hole and hole opened to 56'. Electrode after being tested in weak salt solution was placed
4-8-18 continued
in hole to depth 7 56'. Causing in hole 38 was pulled to 9 47.6'. Water stand 48.7'. Begin
pouring in saturated solution of salt at 7:05 am.
Finished at 9 am 3000' course bent heavily
used. After first 2 tonne was placed on hole
almost 50 yds. 1 fresh water was run into
hole to move any part of solution while
very have lagged back. The water was
observed every 20 to 30 minutes during the day
until 4:00 pm. At each time I observation the
electrode was withdrawn which was resting
on the bottom 0.8' below bottom I casing,
was raised and lowered about 1' and
meter was tapped to encourage any tendecy
to register. Several times during the
day the electrode was withdrawn and
tested in weak brine and found to be
active. At 4:00 pm electrode was moved
to hole 39 which is 50° west of 38.
No current recorded. Note 39 at this time
was 59° deep, water standing at 48.3
return water from drilling operations after
26'. After testing 39 electrode was replaced
in 38 and observed all night but no
current showed. At 6:00 am electrode
was again placed in 39 with negative result.
After which it was returned to 37 and
strong salt brine was put in hole 39
beginning at 6:30 am and at 8:10 300' 7
4806-18 continued
Salt had been applied. Water stands at 48.2'.