

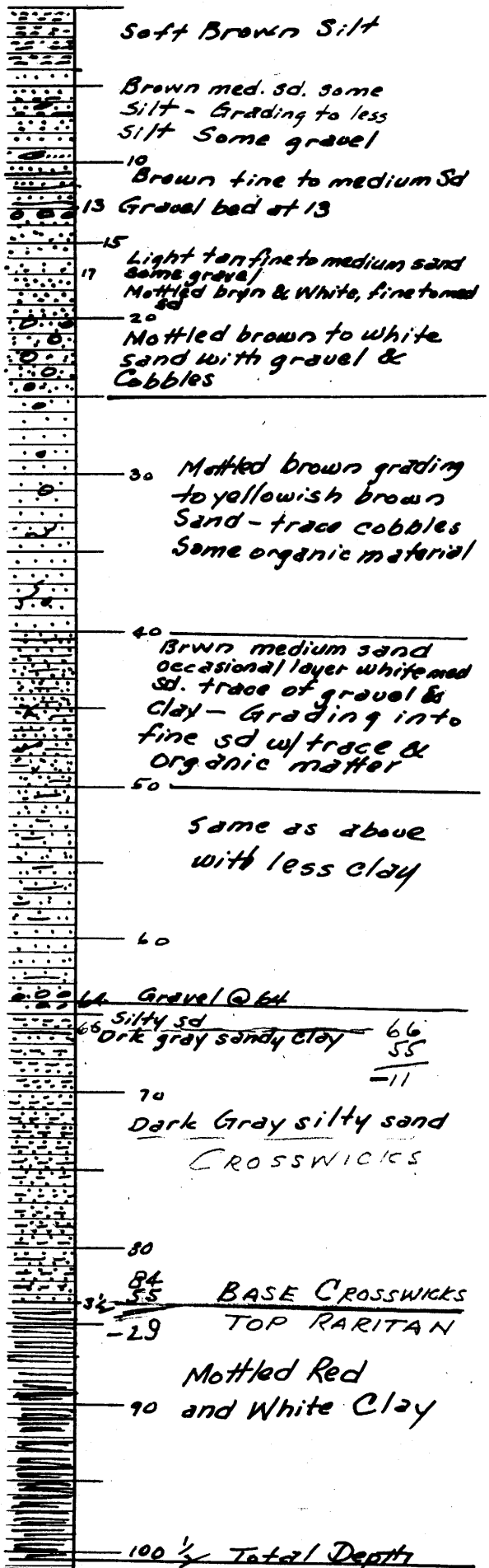
WELL NO. 255 PERMIT

OWNER TIDE WATER ASSOC OIL CO

LOCATION 580,450 N, 438,210 E

DRILLER DAMES & MOORE DATE DRILLED 2/16/55

ELEV. 55 PROD. Soil Boring
T. D. 106 1/2 REMARKS

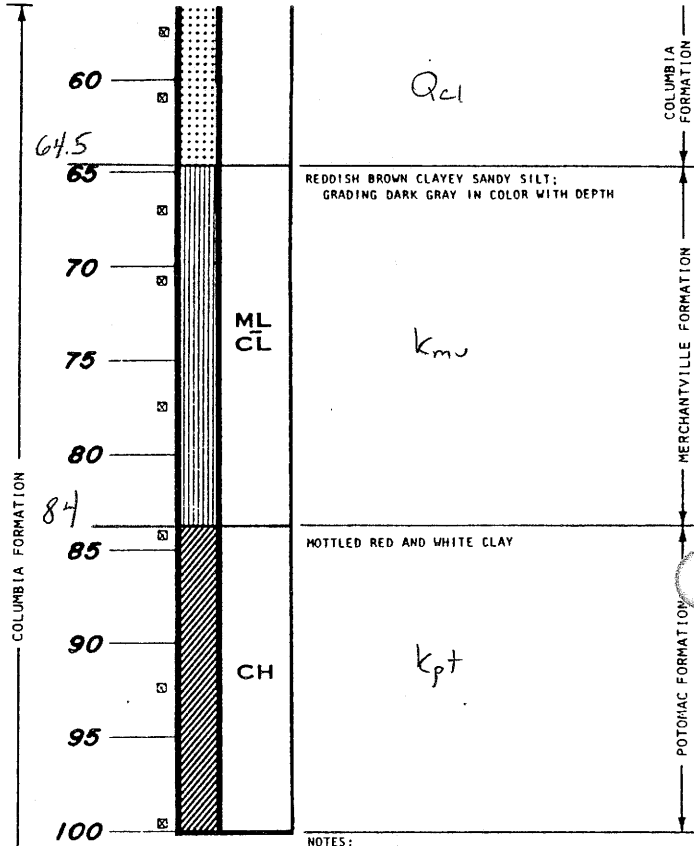
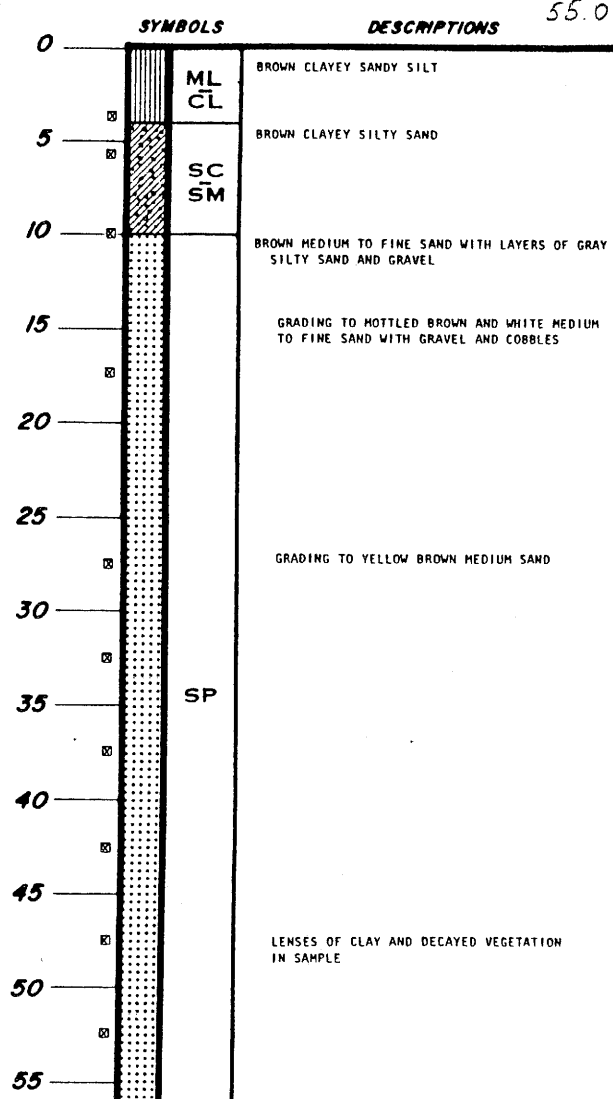


Classified under Dc52-19

Line J-J'

Dc52-19

BORING 255
SURFACE ELEVATION: + 55 ± FEET
COORDINATES: N 580,450 FEET
 E 438,210 FEET



NOTES:
 1. BORING COMPLETED AT A DEPTH OF 100.0 FEET IN 1955
 2. ROTARY WASH DRILLING RIG AND DRILLING MUD USED
 3. GROUNDWATER LEVEL AT A DEPTH OF 30 FEET ON FEBRUARY 17, 1955

LOG OF BORING

9-185
(October 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

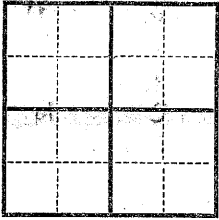
WELL SCHEDULE

Date MARCH 21, 1956 Field No. S-255
Record by J. COSKERY Office No. DC-52-19
Source of data LOG OF DAMES & MOORE

1. Location: State DEL County NEW CASTLE
Map COORD. 580,450N; 438,210E
 $\frac{1}{4}$ T S R 8 E W

2. Owner: TIDE WATERS ASSN. OIL Address DELA. CITY
Tenant _____ Address _____
Driller DAMES & MOORE Address _____

3. Topography COASTAL PLAIN
4. Elevation 55 ft. above M.S.L.
5. Type: Dug, drilled, driven, bored, jetted 2/15 1955
6. Depth: Rept. 100.5 ft. Meas. 100 ft.
7. Casing: Diam. _____ in., to _____ in., Type cast
Depth _____ ft., Finish _____



8. Chief Aquifer _____ From _____ ft. to _____ ft.
Others _____

9. Water level _____ ft. rept. _____ 19 _____ above
_____ ft. meas. _____ below surface

10. Pump: Type NONE Capacity _____ G. M.
Power: Kind _____ Horsepower _____

11. Yield: Flow _____ G. M., Pump _____ G. M., Meas., Rept. Est. _____
Drawdown _____ ft. after _____ hours pumping _____ G. M.

12. Use: Dom., Stock, PS, RR., Ind, Irr., Obs. TEST HOLE S-255
Adequacy, permanence Abandoned

13. Quality _____ Temp _____ °F.
Taste, odor, color _____ Yes _____
Unfit for _____ Sample No _____

14. Remarks: (Test Analyses, etc.) See DC 52-10 for location

DC 52-19

0-4 Soft Brown silt

4-10 Brown med. sand some silt, grading to less silt some gravel

10-13 Brown, fine to medium sand
13-13.5 Gravel bed

13.5-17 Light tan fine to medium sand some gravel

17-20 mottled brown & white, fine to medium sand

20-25 mottled brown to white sand with gravel and cobbles

25-40 mottled brown grading to yellowish-brown, sand. Trace of cobbles some organic material.

40-50 Brown, med. sand, occasional layer white med. sand. Trace of gravel and clay - grading into fine sand w/trace (of?) and organic material

50-64 Same as above with less clay; gravel at 64'

64-66 Silty sand

66-70 Dark gray sandy clay

70-83.3 Dark gray silty sand

83.3-100.5 mottled red and white clay

DC 52-19