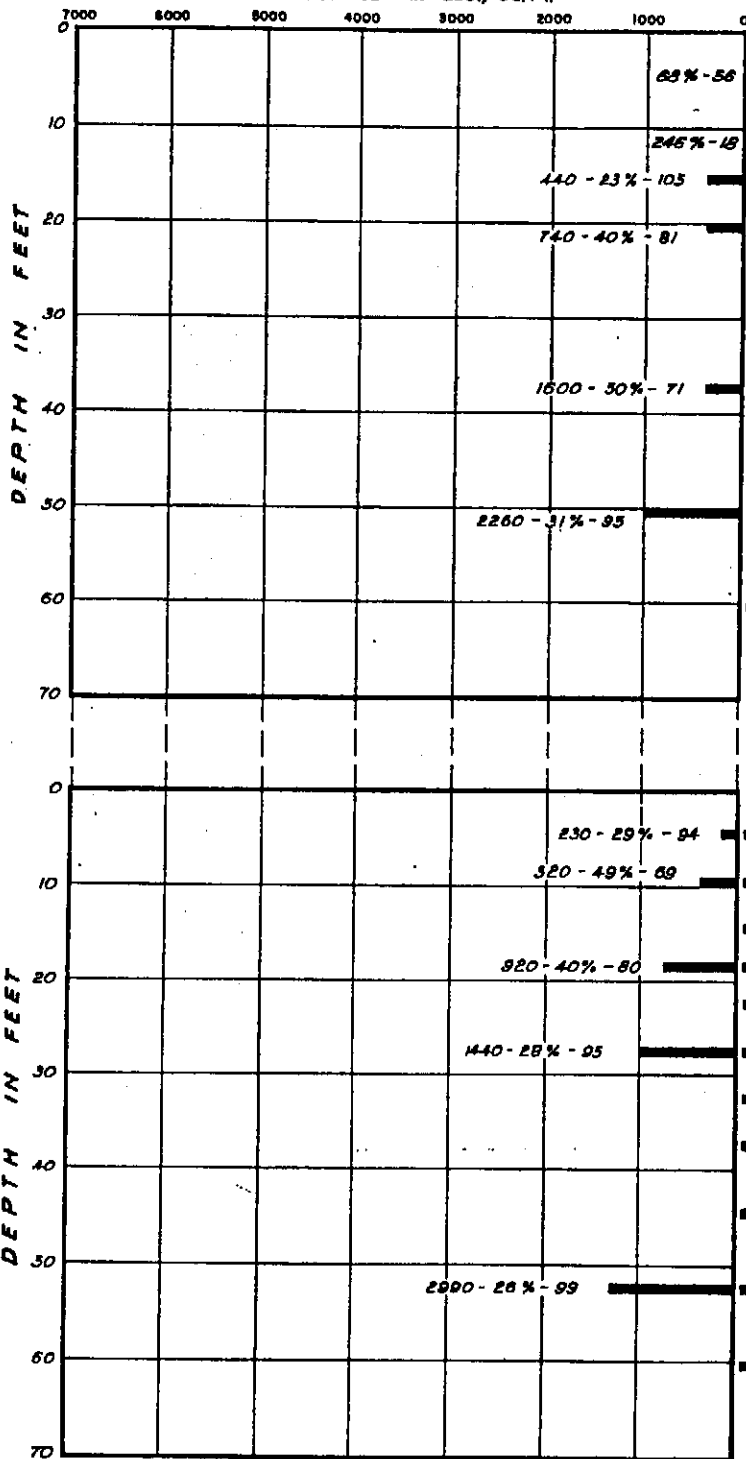


BY: _____ DATE: _____
 BY: _____ DATE: _____
 PLATE: _____

BY: A.A.K. DATE: 4-13-58
 CHECKED BY: _____ DATE: _____

SHEARING STRENGTH AND FRICTIONAL
 RESISTANCE IN LBS./SQ. FT.

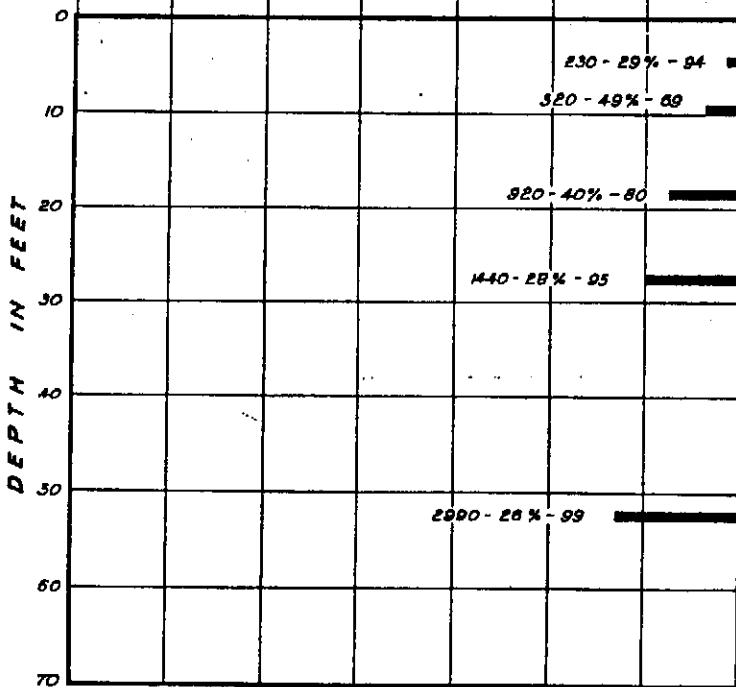
BORING 236 N 579400
 E 443613



ELEVATION 2.5 FEET MSL 2.5

GRAY SILTY CLAY WITH DECAYED VEGETATION
 BROWN PEAT
 GRAYISH-GREEN SANDY CLAY
 GRAYISH-ORANGE SILTY CLAY LOAM
 GRADING TO DARK GRAY
 (GRAVEL)
 (GRAVEL)
Qcl not present
 0c53-15

BORING 237 N 579 290
 E 442 930



ELEVATION 4.0 FEET MSL 4.0

BROWN SILTY LOAM WITH DECAYED VEGETATION
 GRAY CLAY
 GRAY CLAY
 DARK GRAY SILTY CLAY LOAM
 (GRAVEL)
 (GRAVEL)
Qcl not present

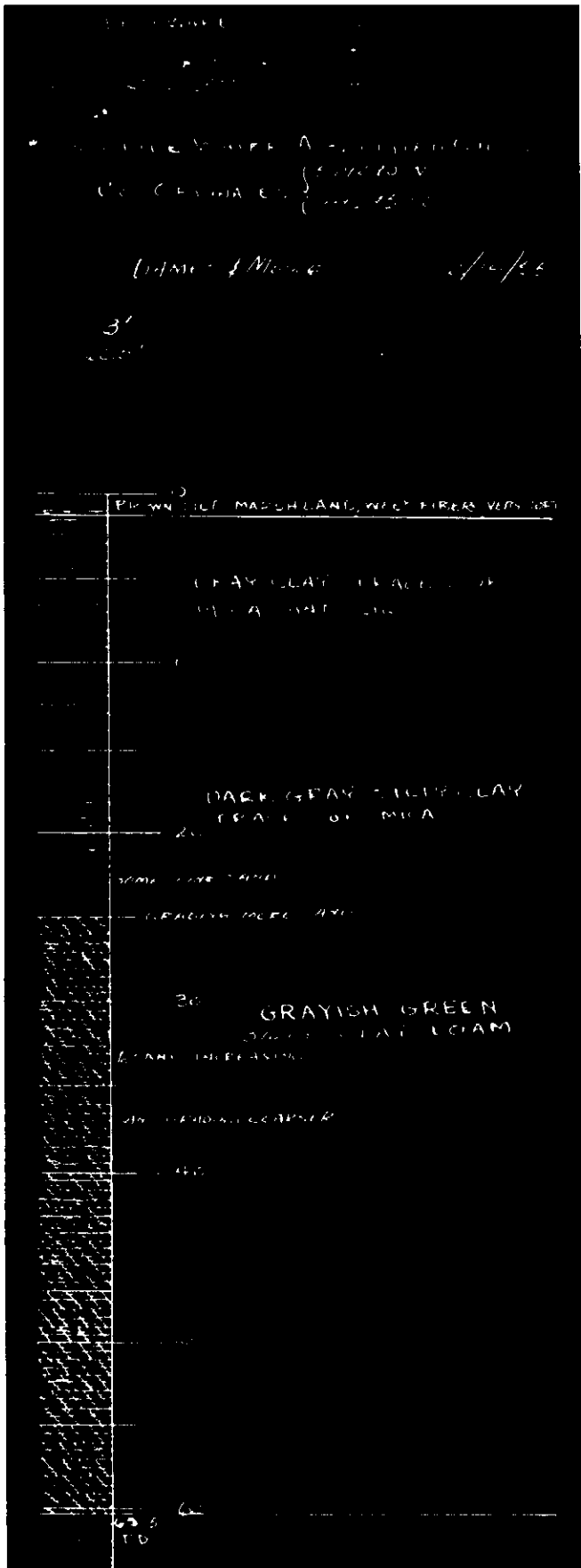
NOTE:
 OBSTRUCTION ENCOUNTERED AT 18
 FEET, MOVED TO LOCATION 6 FEET
 NORTH TO CONTINUE BORING.

LOG OF BORINGS

DAMES & MOORE

SOIL MECHANICS ENGINEERS

PLATE C-10



9-185
(October 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

WELL SCHEDULE

Date MARCH 21, 1956 Field No. 9-287
 Record by J. CASKERY Office No. DE 53-15
 Source of data LOG OF DAMES & MOORE

1. Location: State DEL County NEW CASTLE

Map 1/4 sec. T S R E
W

2. Owner: TIDE WATER ASSOC. OIL Address DEL. CITY

Tenant _____ Address _____
 Driller DAMES & MOORE Address _____

3. Topography EDGE OF SALT WATER MARSH

4. Elevation 3 ft. above M.S.L.

5. Type: Dug, drilled, driven, bored, jetted 18 ft. 19 5.5

6. Depth: Rept. 60.5 ft. Meas. _____ ft.

7. Casing: Diam. _____ in., to _____ in., Type _____

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

9. Water level _____ ft. reft. _____ 19 _____ above
 _____ ft. meas. _____ below
 _____ which is _____ ft. above surface
 _____ 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. TESTHOLE S-237

Adequacy, permanence Abandoned

13. Quality _____ Temp _____ °F.

Taste, odor, color _____ Yes _____ No _____

Unit for _____

14. Remarks: (Log, Analyses, etc.) See back of DE 53-14
for location

DE 53-15

0-1.25 BROWN SILT - MARSHLAND, WEED
 FIBERS, VERY SOFT

1.25-15 GRAY CLAY, TRACES OF MICA
 AND SILT

15-25 DARK GRAY SILTY CLAY ~~CRAY~~
 SOME FINE SAND AT 23,
 AND GRADING MORE SAND
 AT 25'

25-60.5 GRAYISH-GREEN SILTY CLAY
 LOAM, PERCENTAGE OF
 SAND INCREASING AT 33'
 AND SAND GRADING
 COARSER AT 37'

DE 53-15