

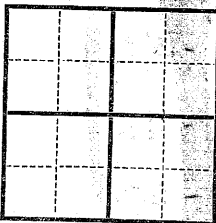
9-185
(October 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

WELL SCHEDULE

Date MARCH 20, 1956 Field No. S-229
Record by J. COSKERY Office No. Dc 55-2
Source of data LOG OF DAMES & MOORE

1. Location: State DEL. County NEW CASTLE
Map COORD: 578,000 N; 449,700 E.
----- $\frac{1}{4}$ ----- $\frac{1}{4}$ sec. T ----- N S R ----- E W
2. Owner: TIDE WATER ASSOC. OIL Address DEL. CITY
Tenant ----- Address -----
Driller DAMES & MOORE Address -----
3. Topography RIVER "bottom"
4. Elevation 0 ft. above msl below
5. Type: Dug, drilled, driven, bored, jetted 3/4 1955
CORE
6. Depth: Rept. 99 ft. Meas. ----- ft.
7. Casing: Diam. ----- in., to ----- in., Type -----
Depth ----- ft., Finish -----
8. Chief Aquifer ----- From ----- ft. to ----- ft.
/ Others -----
9. Water level ----- ft. rept. ----- 19 ----- above
meas. ----- below
----- which is ----- ft. above
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-229
Adequacy, permanence Abandoned
13. Quality ----- Temp ----- °F.
Taste, odor, color ----- Sample Yes No -----
Unfit for -----
14. Remarks: (Log, Analyses, etc.) See Dc 55-1 for location



- Dc 55-2
- 0-9 GRAY SILTY CLAY, VERY SOFT
- 9-10 GRAY SILTY CLAY, SOFT
- 10-20 ? GRADING TO GRAY SILTY CLAY
W/LENSES OF FINE SAND, SOFT
- 20-47 SAME GRADING A LITTLE
FIRMER WITH SOME
MICA AT 47'
- 47-55 GRAY SILTY CLAY, FIRM
- 55-60 SAME VERY FIRM
- 60-63 SAME WITH MUCH MICA
- 63-80 GRADING MORE SAND - TRACE
OF GRAVEL AND PIECE OF
COBBLE WITH SEASHELL IMPRESSIONS
THROUGHOUT ITS INTERIOR
- 80-88 1/2 GRAY SILTY CLAY, SOME SAND,
VERY FIRM (HARD DRILLING
88-88 1/2)
- 88 1/2-96 GRAY MEDIUM TO COARSE SAND
WITH CLAY BINDER
(MUCH WOOD WASHED UP)
- 96-99 MOTTLED LIGHT GRAY & GRAY
SILTY CLAY LOAM & FIRM SAND
VERY FIRM AT 99'



MWH Americas, Inc.
335 Phoenixville Pike
Malvern, Pennsylvania 19355

Boring ID: Dc55-02

Page 1 of 3

Project Name: DGS
Location: Delaware City, DE
Project Number:
Date Started: Unknown
Date Finished: Unknown
Drilling Method:
Sampling Method:
State Permit Number: NA

Boring Location:
Drilling Company: ()
Ground Elevation (ft/msl): 1.0
Total Depth (ft): 99.0'
Boring Diameter (in): "
Water Level During Drilling (ft/bgs):
Weather Conditions:
Logged By:

Depth (feet)	Blow Counts	Recovery (inches)	PID (ppm)	Sample ID	Sample Interval	USCS	Lithology	Lithologic Description	Well Diagram	Remarks
0						CL		0' - 9' Gray Silty Clay, very soft		
5										
10						CL		9' - 10' Gray silty clay, soft		
15						CL		10' - 47' Grading to gray silty clay with lenses of fine sand, soft		
20								20' a little firmer with some mica at 47'		
25										
30										



Depth (feet)	Blow Counts	Recovery (inches)	PID (ppm)	Sample ID	Sample Interval	USCS	Lithology	Lithologic Description	Well Diagram	Remarks
30										
35										
40										
45										
47						CL		47' - 63' Gray Silty Clay, firm		
50										
55										
60								60' with much mica		
63						SW		63' - 80' Grading more sand - Trace of gravel and piece of cobble with seashell impressions throughout it's interior		
65										



Depth (feet)	Blow Counts	Recovery (inches)	PID (ppm)	Sample ID	Sample Interval	USCS	Lithology	Lithologic Description	Well Diagram	Remarks
70										
75										
80						CL		80' - 88.5' Gray silty clay some sand, very firm		
85										
90						SW		88.5' - 96' Gray medium to coarse sand with clay binder		(hard drilling 88-88.5) Much wood washed up
95										
96						CL		96' - 99' Mottled light gray & gray silty clay loam, firm sand very firm at 99'		
100										

STATE DELAWARE COUNTY

WELL NO. J-229 PERMIT

OWNER TIDE WATER ASSOCIATED OIL CO.

CO-ORDINATES LOCATION { 578000 N 449700 E

DRILLER DAMES & MOORE DATE DRILLED 3/9/55

ELEV. DELAWARE RIVER T. D. 99' PROD. RIVER

NOTE: 17' WATER @ 10 A.M. - 3/9/55

