Lg 42-1

Owner: Mrs. Elizabeth Keil Date: Driller: P White

Location: Misspillion Light House

Date Started: Dec. 1, 1948

Depth: 269' 3"

Static water level:

Pumping water level:

GPM: 10 at 28'

Diameter 3" well

Lg 42-1

Log

0	6"	filled in land
6"	3'	marsh mud and veg.
3'	38'	gray blue clay
38	45'	very fine yellow sand
45	61'	yellowish water bearing fine, coarse and very coarse sand and gravel (salty)
61	77'	fine and very fine red then yellow-green sand
77	86'	gray clay
86	112'	very fine black sand
112	141'	gray clay containing clam and other shells
141	142'	something like a ledge of slate or rock or layer of cemented gravel (drilled a hole through it but collapsed the pipe on driving it through)
142	170'	a gray sand and clay cemented to-gether with small shell particles, drilled good but pipe drove very hard.
170	208'	gray sandy clay full of small shells
208	212'	small bed with some sand and mud
212	[illegible]	sandy gray clay
21[illegible]	[illegible]	fine dirty sand gray in color
2[illegible]	[illegible]	brownish clay hard pan (Lignite)
26[illegible]	[illegible]	fine and medium gray sand and shells of all kins
277	292'	ditto but less fine and some fairly coarse sand.

9-185 (October 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

WELL SCHEDULE

Date Nov 6, 1951 Field No. W6-1

Record by Marine Office No. Lg 42

Source of data Robert Reilley — Log Lg 42-1

1. *Location:* State Delaware County Sussex

Map ____ ¼ ¼ sec. T N S R E W

2. *Owner:* Robert Reilley Address Mispillion Light

Tenant Mrs. Elizabeth Keil Address deceased had well put in

Driller Paul White Address Lincoln

3. *Topography* Shore Marsh

4. *Elevation* 2 ft. above below

5. *Type:* Dug, drilled, driven, bored, jetted Dec 1 1948

6. *Depth:* Rept. 292 (269) Sealed ft. Meas. ft.

7. *Casing:* Diam. 3 in., to ____ in., Type ____

Depth ____ ft., Finish ____

8. *Chief Aquifer* ____ From ____ ft. to ____ ft.

Others ____

9. *Water level* .5 ft. rept. meas. Nov 5 1951 above below surface

which is ____ ft. above below surface

10. *Pump:* Type Pitcher Capacity hand to pump

Power: Kind hand Horsepower

11. *Yield:* Flow Llow M., Pump when drilled also would now

Drawdown 1 ft. after ____ hours pumping ____ G.M.

12. *Use:* Dom., Stock, PS., RR., Ind., Irr., Obs. ____

Adequacy, permanence ____

13. *Quality* Hard Temp ____ °F.

Taste, odor, color ____ Sample Yes No

Unfit for ____

14. *Remarks:* (Log, Analyses, etc.)

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