

OC 25-04

TELEPHONE 302/337-8254

# Delmarva Drilling Co., Inc.

P. O. BOX 188

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BRIDGEVILLE, DELAWARE 19933

APR 4 1978

Permit # 37197

DELAWARE GEOLOGICAL SURVEY

Water Well Contractors

CUSTOMER Earl Passwaters SURVEY \_\_\_\_\_ JOB 3745  
 ADDRESS Bridgeville, Del. DATE 4/15/77  
 LOCATION 2,700' west of Rt. 13, 2700' S. of N. boundary line

| GROUND  | FEET FROM GROUND SURFACE |         | WELL LOG                         |
|---|--------------------------|---------|----------------------------------|
|   | 0                        | TO..... |                                  |
| 96'<br>TOTAL DEPTH - FT.<br>56'<br>← CASING →<br>SCREEN 40' | 0-1                      |         | top soil                         |
|   | 1-15                     |         | fine med. tan sand & white clay  |
|   | 15-29                    |         | fine med. tan sand w/orange clay |
|   | 29-32                    |         | fine coarse tan sand w/iron ore  |
|   | 32-58                    |         | fine coarse tan sand             |
|   | 58-59                    |         | iron ore                         |
|   | 59-96                    |         | med. coarse tan sand & gravel    |
|   | 96-                      |         | orange & blue clay               |
|   |                          |         |                                  |
|   |                          |         |                                  |

|  |                                    |  |
|--|------------------------------------|--|
| WELL NO. <u>1</u>                      | DIAMETER OF WELL <u>15"</u>        | DEPT. OF WELL <u>96'</u>               |
| HRS. PUMPED <u>1</u>                   | SLOT SIZE <u>.045</u>              | TYPE OF CASING <u>PVC</u>              |
| CAPACITY G.P.M. <u>1000</u>            | DRILLING MACHINE NO. <u>JED-A</u>  | LENGTH OF CASING <u>56'</u>            |
| STATIC LEVEL <u>916"</u>               | DRILLER <u>B. Cowgill</u>          | DISTANCE TO TOP OF SCREEN <u>56-96</u> |
| PUMPING LEVEL <u>2916"</u>             | GRAVEL <u>#2</u>                   | TYPE SCREEN <u>PVC</u>                 |
| SPECIFIC CAPACITY <u>50</u>            | SAGS OF CEMENT <u>clay</u>         | SIZE OF SCREEN <u>15"</u>              |
| PUMPED WITH <u>Turbine</u>             | DATE WELL COMPLETED <u>4/15/77</u> |  |
| DEPTH OF CEMENT GROUT <u>clay 46-0</u> | DRILLER'S HELPER <u>Cannon</u>     | <u>Cowgill</u>                         |
| DEPTH GRAVEL PACKED <u>96-46</u>       |                                    |  |

WELL DRILLER SIGNATURE