

Delmarva Drilling

DATE: 4/11/83
 PERMANENT

- DOMESTIC
- AGRICULTURAL
- COMMERCIAL
- INDUSTRIAL
- IRRIGATION
- PUBLIC
- MONITOR
- DEWATERING
- HEAT PUMP RECHARGE
- HEAT PUMP SUPPLY
- OTHER (Specify) _____

IS A REPLACEMENT WELL? YES NO
 INSTALLMENT DATE FOR OLD WELL _____
 INSTALLMENT METHOD _____

DRILLING METHOD

- AUGERED
- BORED
- CABLE TOOL
- DRIVEN
- JETTED
- AIR ROTARY
- MUD ROTARY
- REVERSE
- WASHED
- OTHER (Specify) _____
- TOTAL DEPTH DRILLED 104'

CASING SEQUENCE

| 1st | 2nd | 3rd | 4th |
|-----|-----|-----|-----|
| +1 | | | |
| 44' | | | |
| 10" | | | |
| PVC | | | |

SCREEN SEQUENCE

| 1st | 2nd | 3rd | 4th |
|------|-----|-----|-----|
| 44' | | | |
| 104' | | | |
| 10" | | | |
| PVC | | | |

APPROVAL FOR SCREENING/ GRAVEL PACKING MORE THAN ONE AQUIFER MUST BE OBTAINED FROM DNREC

GROUT TYPE: CEMENT BENTONITE CLAY
 DEPTH: _____ FEET

WATER: _____ TO _____ FEET
 GROUT BACKFILL OF WELL ANNULUS
 FROM _____ TO _____ FEET

GRAVEL PACK TYPE: MARIE #2
 FROM _____ TO _____ FEET

STATIC WATER LEVEL DATE: 12/11/81
5 FT. (Below/above) GROUND SURFACE

OPERATING WATER LEVEL: 20 FT. BELOW GRADE
 FLOW RATE: 1 HOURS AT 1016 GPM.

WELL HEAD COMPLETION:

TYPE: PITLESS ADAPTOR
 HEIGHT: _____ INCHES ABOVE GRADE
VTP

PUMP MANUFACTURER: _____
 PUMP CAPACITY (GPM): _____
 PUMP INTAKE SETTING: 4' BELOW GRADE
THE COMPLETED WELL IS?

- | | | |
|---|-------------------------------------|--------------------------|
| | YES | NO |
| A AT LEAST 5' FROM ANY OVERHANG | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| B AT LEAST 50' FROM ANY SEPTIC TANK | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| C AT LEAST 10' FROM TOWN SEWER LINE | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| D AT LEAST 100' FROM THE NEAREST EDGE OF ANY TILE FIELD | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

THE NEAREST NEIGHBORS (CIRCLE ONE)

SEPTIC TILE FIELD CESSPOOL OR PRIVY
 IS 15' FROM COMPLETED WELL
 IS COMPLETED WELL LOCATED AS SHOWN ON APPLICATION FORM?
 IF NO, DESCRIBE LOCATION CHANGE OR OTHER COMMENTS

RF32-05

| DRILLERS LOG DESCRIPTION | TOP OF STRATA | BOTTOM OF STRATA |
|---|---------------|------------------|
| Top soil | 0 | 1 |
| Sandy clay <i>Delmarva Silt</i> | 1 | 9 |
| Fine sand & clay | 9 | 30 |
| Gray clay | 30 | 33 |
| Fine to coarse gray sand & clay layers | 33 | 41 |
| Fine to coarse gray sand | 41 | 98 |
| Fine to coarse tan sand/gravel/iron ore | 98 | 103 |
| Gray clay | 103 | 104 |

SUPPLEMENTAL DRILLERS LOG ATTACHED YES NO
 PAGE 1 OF _____ PAGES
 COMPANY NAME: Delmarva Drilling
 SIGNATURE OF DRILLER IN CHARGE: Ed. [Signature] DATE: 4/16/84