

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-4237

C-88

MAILING ADDRESS:
Box 3667
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES
JAMES L. CALVER, COMMISSIONER
WATER WELL COMPLETION REPORT

OFFICE ADDRESS:
McCormick Road
Charlottesville, Virginia

OWNER: Shackleford Seafood Company Mailing Address: State Road 651, 0.8 miles NE
Severn, Virginia

TENANT: _____ Mailing Address: _____

DRILLER: G. A. Brown; Layne Atlantic Company Mailing Address: Virginia; Norfolk

WELL LOCATION: County Gloucester Approx. _____ feet
_____ miles _____ (direction) of _____
_____ and _____ feet
_____ miles _____ (direction) of _____

(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.)

DATE STARTED: April, 1972 DATE COMPLETED: May, 1972

TYPE OF DRILL RIG USED: hydrolic rotary TOTAL DEPTH 130 feet

WATER LEVEL: Stands +3 feet ~~below surface~~ OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method _____
Drawdown _____ feet
Rate _____ gal. per min.
Duration _____ hrs., _____ min.

HOLE SIZE: _____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WATER ZONES: from _____ to _____ feet
from _____ to _____ feet
from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WATER: Color _____ Taste _____
Odor _____ Temp. _____ °F

CASE SIZE: 15 inches from 0 to 130 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WELL TO SUPPLY: (check one) Home _____
Farm _____ Town _____ School _____
Industry _____ Other _____

GROUTING: Method _____
Material _____ Depth _____ feet

WATER ANALYSIS AVAILABLE: Yes _____ No _____

PUMP: Type _____
Capacity _____ gal. per min
Depth of intake _____ feet

DRILL CUTTINGS SAVED: Yes 13 No _____

(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHED FREE OF CHARGE UPON REQUEST.)

REMARKS: Electric, gamma logs by U.S.G.S.

OWNER : Shackleford Seafood Company
DRILLER: Layne Atlantic Company
COUNTY : Gloucester

W# : 4237
C# : 88
TOTAL DEPTH: 130'
QUAD : Achilles

GEOLOGIC LOG

Depth
(feet)

- 0-10 Sand- yellowish-gray; medium to coarse grained; subangular to rounded; well sorted; quartz; 15% glauconite; 2% shell fragments; some feldspar; few echinoid spines.
- 10-20 As above except salt and pepper; 20% glauconite; no feldspar.
- 20-30 Sand- yellowish-gray; medium grained; subangular to subrounded; well sorted; quartz; 7% glauconite; 2% shell fragments; few echinoid spines.
- 30-40 As above plus some fine grains; 5% shell fragments; few opaques.
- 40-50 Sand- yellowish-gray; fine to medium grained; subangular to subrounded; moderately well sorted; quartz; 3% shell fragments; 2% glauconite; few echinoid spines.
- 50-60 Shell fragments- white, medium gray; slightly clayey; some quartz sand; 98% shell fragments; quartz.
- 60-70 Shell fragments- white, medium gray; abundant sand; medium grained; subangular to subrounded; well sorted; 75% shell fragments; quartz; some glauconite; few flakes of muscovite.
- 70-80 As above except moderate sand.
- 80-90 As above except slightly sandy.
- 90-100 Shell fragments- light olive gray, white; moderate silt; abundant sand; medium grained; subangular to subrounded; well sorted; 70% shell fragments; quartz; some glauconite; few echinoid spines; muscovite; ostracode.
- 100-105 Sand- light olive gray; slightly clayey; moderate silt; fine to medium grained; subangular to subrounded; moderately well sorted; quartz; 10% shell fragments; some glauconite; some echinoid spines; few flakes of muscovite; forams rare (inc. Quinqueloculina).
- 105-115 As above except no clay; few echinoid spines; no forams.

OWNER: Shackleford Seafood Company

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W#: 4237

Depth
(feet)

115-125 As above except 20% limestone and shell fragments; foram.

125-130 No sample.

Logged by: Michael T. Currie
July 23, 1979