



Interval Sheet

Sheet No. \_\_\_\_\_

AMERICAN ENGINEERING  
CORP. 111 BROADWAY  
NEW YORK, N.Y. 10038  
FORM NO. 101

— Cuttings

— Core

--- Water Well

--- Gas Well

From-To

From-To

From-To

From-To

From-To

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Total Depth \_\_\_\_\_

Owner: Nansemond Shores  
Driller: Magette  
County: Nansemond

W# 368  
C# 118  
Total Depth: 500'  
Quad: Chuckatuck  
Elev: 12'

Depth WELL LOG  
(Feet)

- 0-10 Sand - light dusky yellow (5Y 5/4); very sparse clay; medium to granule, mostly granule; subangular, moderately well sorted.
- 10-20 Gravel - light dusky yellow (5Y 5/4); very sparse clay; granules with few smaller particles, round and subangular, moderately well sorted; iron oxide fragments.
- 20-30 Sand - dusky yellow (5Y 6/4); sparse clay; fine to medium with some coarse to granule, subangular, moderate sorting; 30% fine shell fragments - barnacles, Phacoides, Multilineatus; echinoid spines.
- 30-40 No Sample.
- 40-60 Sand - dusky yellow (5Y 6/4); sparse clay; fine to medium with some larger grains, subangular, moderate sorting; 40% to 30% fine shell fragments - Dentalium, Turritella, 2nd species of Dentalium; forams - Quinqueloculina, Nonionella; ostracod.
- 60-70 Sand - light olive gray (5Y 6/1); sparse clay; fine to medium, subangular, moderate sorting; 10% fine phosphate fragments; 45% shell fragments - Nuculana; forams.
- 70-80 No Sample.
- 80-180 Sand, Shelly - light olive gray (5Y 6/1); sparse clay; 50% shell fragments - Mulinia, Phacoides, Nuculana, pectens, barnacles; fine to medium, subangular, moderate sorting; 10% fine phosphate fragments until 110-120, then 20% and 10% again at 170-200; glauconite mixed with phosphate from 160-170 on; forams; ostracods.
- ~~110-120~~ ~~No Sample.~~
- ~~120-130~~ ~~No Sample.~~
- ~~130-140~~ ~~No Sample.~~
- 180-190 No Sample.
- ~~190-200~~ ~~No Sample.~~
- 190-200 Sand - light olive gray (5Y 6/1); sparse clay; fine to medium, subangular, moderate sorting; 10% glauconite/phosphate fragments; forams.

Depth  
(feet)

- 200-210 Sand - light olive gray (5Y 6/1) with some grayish orange (10YR 7/4) clasts; moderate clay clasts; fine to coarse, sub-angular, moderate sorting; 10% glauconite/phosphate fragments; 40% shell fragments; forams.
- 210-230 No Sample.
- 230-240 Sand - light olive gray (5Y 6/1); abundant clay; fine to medium, subangular, moderate sorting; 10%+ glauconite/phosphate fragments; 20% shell fragments; forams - Nonion.
- 240-260 No Sample.
- 260-270 Sand - light olive gray (5Y 6/1); abundant clay; fine to medium, subangular, moderate sorting; 10% glauconite/phosphate fragments; 5% shell fragments; forams - Nonion.
- 270-280 No Sample.
- 280-310 Sand - Light olive gray (5Y 5/2); with clasts of (5Y 6/1) and (10YR 7/4) grayish orange; abundant clay; fine to medium, sub-angular, moderate sorting; 10% fine shell fragments; echinoid spines; foram - Quinqueloculina.
- ~~290-300~~ ~~No Sample.~~
- 310-320 No Sample.
- 320-330 Sand - light and dark gray, 50% glauconite; moderate clay; fine to very coarse, subangular and angular, poorly sorted; 10% fine shell fragments; forams - Quinqueloculina.
- 330-410 No Samples.
- 410-450 Sand, Glauconitic - light and dark gray; sparse clay; ~~sparse sand~~ 90% glauconite; medium to very coarse, subangular, poorly sorted; 10% shell fragments - gastropods; echinoid plates; forams - Siphogenerina, Robulus, Nodosaria, Marginulina; shark tooth; garnet.
- ~~430-440~~ ~~No Sample.~~
- 450-460 Sand, Glauconitic - light and dark gray; 80% glauconite; moderate clay; ~~sparse sand~~ medium to very coarse, subangular, poorly sorted; 10% very fine shell fragments; echinoid spines; ostracod; fragment - Punctate Brachiopod; garnet.

Owner: Nansemond Shores

-3-

W# 368

C# 118

Depth  
(feet)

460-470

No Sample.

470-480

Clay - light olive gray (5Y 6/1); abundant sand; fine to medium, subangular, moderate sorting; 10% fine shell fragments/forams/glaucanite; mica.

480-500

Sand - moderate yellowish brown (10YR 5/2); abundant clay; fine to medium, subangular, well sorted; 10% glaucanite/shell fragments (fine)/forams.

Logged by: J. K. Polzin  
November 12, 1980