

Interval Sheet

Sheet No. 1

0-830

LIQUID CARBONIC CORP.
CALVERT ST. & MAY AVE.
NORFOLK, VIRGINIA

FROM: 0 TO: 830

Cuttings

--- Core

Water Well

--- Gas Well

From-To	From-To	From-To	From-To	From-To
0 - 15	40 - 72	-	-	-
15 - 61	72 - <u>715</u>	-	-	-
61 - <u>143</u>	15 - 39	-	-	-
43 - 52	39 - 50	-	-	-
52 - 69	54 - 60	-	-	-
69 - <u>200</u>	60 - 69	-	-	-
00 - 47	69 - <u><u>830</u></u>	-	-	-
47 - 70	-	-	-	-
70 - <u>330</u>	-	-	-	-
30 - 50	-	-	-	-
50 - 85	-	-	-	-
85 - <u>440</u>	-	-	-	-
40 - <u>570</u>	-	-	-	-
70 - <u>640</u>	-	-	-	-

Total Depth 830

OWNER: Liquid Carbonic
DRILLER:
COUNTY: Norfolk

W # 63
C # 11
TOTAL DEPTH - 830'
QUAD - Norfolk South
ELEV. - 14'

DEPTH
(FEET)

WELL LOG

0-15	Sand -	pale yellow brown (10YR 6/2); very sparse clay; fine to very coarse, subangular, moderate sorting; feldspar.
15-61	Sand -	light olive gray (5Y 6/1); abundant clay; fine to very coarse, subangular, moderate sorting; 5% + glauconite/phosphate fragments; 40% shell fragments - <u>Dentalium</u> , <u>Venicardia</u> - some re-worked; madreporite.
61-143	Sand -	pale yellow brown (10YR 6/2); sparse clay; fine to coarse, subangular, moderate sorting; 1% glauconite/phosphate fragments; rare shell fragments; magnetite fragments.
143-153	Sand -	light olive gray (5Y 6/1); sparse clay; fine to coarse, subangular, moderate sorting; 10% glauconite; 1% shell fragments; rose quartz.
153-169	Sand -	light olive gray (5Y 6/1); abundant clay; very fine to very coarse with round pebbles, subangular, poorly sorted; 10% glauconite; 5% shell fragments; coral; rose quartz.
169-200	Sand -	light olive gray (5Y 6/1); abundant clay; very fine to coarse, subangular, moderate sorting; 5% glauconite; rare shell fragments.
200-247	Sand -	light olive gray (5Y 6/1); abundant clay; very fine to very coarse with round granules, subangular poorly sorted; rare glauconite; 5% shell fragments; coal; wood fragments.
247-440	Sand -	light olive gray (5Y 6/1); abundant clay; very fine to coarse with very coarse at 350-440', subangular, moderate sorting; 10% + glauconite; 1% shell fragments; coal-wood; mica. Forams - <u>Nonion</u> at 350' - 440'; madreporite and vertebrae at 350-385'.
440-570	Clay -	light olive gray (5Y 6/1); abundant sand; very fine to granule, subangular and rounded, poorly sorted; rock fragments; forams - <u>Nonion</u> , <u>Siphogenerina</u> .

DEPTH
(FEET)

WELL LOG

- 570-640 Sand - light olive gray (5Y 6/1); sparse clay; very fine to granule, subangular and rounded, moderate sorting; limb bone fragments; tooth; forams - Robulus, Cibicides, Marginulina, Dentalina.
- 640-672 Sand - light olive gray (5Y 6/1); abundant clay; very fine to granule, subangular and rounded, poor sorting; 15% + fine glauconite/phosphate fragments; 1% shell fragments; forams - Robulus.
- 672-715 Sand - light olive gray (5Y 6/1); very sparse clay; fine to very coarse, subangular and subrounded, moderate sorting; 15% + fine glauconite/phosphate fragments; 10% shell fragments; bone fragments; forams - (14 genera, minimum) - abundant Uvigerina, Pyrulina, Robulus, Robulus calcar, Cibicides, Siphogenerina, Textularia, Nonion, Planularia?, Discorbis, Bulmina, Guttulina A, Eponides, Dentalina.
- 715-750 Sand - light olive gray (5Y 6/1); abundant clay; fine to very coarse with rounded granules at 715-739', subangular to subrounded, moderate sorting; 5% glauconite; 5% shell fragments; bryozoa; forams - Lagena, Globigerina, Uvigerina, Pyrulina, Guttulina B, Robulus, Siphogenerina.
- 750-830 Sand - light olive gray (5Y 6/1); sparse clay with very sparse at 769 - 830; fine to very coarse, subrounded, poor sorting with moderate at 754-760', bryozoa, 3% at 754-760'; echinoderm spines; 1% shell fragments; coral; forams - as at 715-750; with Nodosaria at 760-769' and Robulus at 769-830'.

Logged by:
J. K. Polzin
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