

INTERVAL SHEET

WWCR 325

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VDMR Well No: Well No. 1188

Date 11/25/64

Sample Interval: from 50 to 578

PROP: Nelson W. Sisson

Total Depth 578

COMP: Sydnor Pump & Well Co.

Oil  Gas  Water  Exploratory

COUNTY: Augusta (Staunton)

Cuttings  Core  Other

VDMR Well No: W-1188

Washed samples

| From-To | From-To | From-To | From-To    | From-To |
|---------|---------|---------|------------|---------|
| -       | -       | 0 - 50  | No samples | -       |
| -       | -       | 50 -    | 503 -      | -       |
| -       | -       | 65 -    | 535 -      | -       |
| -       | -       | 80 -    | 548 -      | -       |
| -       | -       | 85 -    | 563 -      | -       |
| -       | -       | 100 -   | 578 -      | -       |
| -       | -       | 115 -   | -          | -       |
| -       | -       | 140 -   | -          | -       |
| -       | -       | 160 -   | -          | -       |
| -       | -       | 173 -   | -          | -       |
| -       | -       | 190 -   | -          | -       |
| -       | -       | 200 -   | -          | -       |
| -       | -       | 213 -   | -          | -       |
| -       | -       | 220 -   | -          | -       |
| -       | -       | 230 -   | -          | -       |
| -       | -       | 250 -   | -          | -       |
| -       | -       | 260 -   | -          | -       |
| -       | -       | 295 -   | -          | -       |
| -       | -       | 301 -   | -          | -       |
| -       | -       | 320 -   | -          | -       |
| -       | -       | 338 -   | -          | -       |
| -       | -       | 353 -   | -          | -       |
| -       | -       | 370 -   | -          | -       |
| -       | -       | 380 -   | -          | -       |
| -       | -       | 383 -   | -          | -       |
| -       | -       | 400 -   | -          | -       |
| -       | -       | 428 -   | -          | -       |
| -       | -       | 443 -   | -          | -       |
| -       | -       | 458 -   | -          | -       |
| -       | -       | 488 -   | -          | -       |

OWNER: Nelson W. Sisson  
DRILLER: Sydnor Pump and Well Co., Inc.  
COUNTY: Augusta (Staunton)

VDMR #1188  
WWCR #325  
TOTAL DEPTH: 578'

GEOLOGIC LOG

- 0-50 No samples.
- 50 Dolomite -- buff to very-pale lavender, finely crystalline, trace vein dolomite.
- 65 As above.
- 80 Dolomite -- light-gray, medium-crystalline, minor vein dolomite (some euhedral); minor breccia recemented with dolomite and slightly stained with iron oxide.
- 85 Limestone -- medium-gray, finely crystalline, to aphanogranular with subconchoidal fracture; trace iron-stained vein quartz.
- 100 Dolomite -- very-light gray, fine-grained, uneven texture, trace sandy dolomite, minor vein quartz and dolomite.
- 115 Dolomite -- medium light-gray, very-finely crystalline; platy vein-fillings of quartz; partings of yellow-gray claystone.
- 140 Dolomite -- light-gray, medium to finely-crystalline.
- 160 Dolomite -- medium-gray, medium coarsely crystalline, minor very-coarsely crystalline vein calcite.
- 173 Dolomite -- light-gray to white with minor orange-stain, very-finely crystalline to very-coarsely crystalline.
- 190 Dolomite -- very light-gray, medium to finely-crystalline; minor coarsely-crystalline vein dolomite.
- 200 Dolomite -- medium blue-gray, coarsely-crystalline; minor vein dolomite and buff-colored finely-crystalline dolomite.
- 213 As above -- slightly coarser, no buff-colored dolomite.
- 220 Dolomite -- buff to medium gray, very-finely crystalline, slightly argillaceous; moderate light to dark-gray, oolitic and fossiliferous chert.
- 230 Dolomite -- light-gray, fine to medium-crystalline; minor dark-gray chert; trace dark-gray coarsely-crystalline dolomite.

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- 250 Dolomite — buff to medium light-gray, minor medium-light blue-gray, oolitic chert, trace of quartz cavity filling.
- 260 As above — minor very light-gray chert and white vein-dolomite, no quartz.
- 295 Dolomite — medium-gray, medium to coarsely-crystalline; minor vein calcite, trace dark-gray chert.
- 301 As above — slightly coarser.
- 320 Dolomite — buff colored, medium crystalline; minor dark-gray, coarsely crystalline dolomite and dark-gray oolitic chert.
- 338 Dolomite — medium light-gray, fine to coarsely-crystalline; minor medium-gray chert; minor iron-oxide stain and orange claystone; vein dolomite.
- 353 Dolomite — medium-gray, fine to medium-crystalline; minor vein dolomite; trace dark-gray chert and hematite stain.
- 370 Dolomite — light to medium-gray, fine to coarsely-crystalline; minor vein dolomite, trace iron-oxide stain.
- 380 As above — less iron-oxide stain, trace chert.
- 383 Dolomite — light tan-gray, very finely-crystalline; minor coarsely crystalline with orange stain; trace medium-gray chert and vein dolomite.
- 400 As above.
- 428 Dolomite — medium dark-gray, medium to very-coarsely-crystalline, vein dolomite; minor limonite and hematite stain, trace chert.
- 443 Dolomite — medium light tan-gray, very finely-crystalline; in part lightly stained with limonite.
- 458 As above — more completely stained with limonite; minor brecciation and recementation.
- 488 As above — less limonite stain, minor medium-gray coarsely-crystalline dolomite.

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- 503 Dolomite — medium dark-gray (1/4 of sample is tan-gray), medium to coarsely-crystalline; minor vein dolomite, trace dark-gray chert.
- 535 As above — no tan dolomite, minor carbonaceous laminae.
- 548 As above — slightly calcareous and finer grained.
- 563 Dolomite — medium light-gray, finely crystalline; trace calcite veins and iron-oxide stain.
- 578 Dolomite — medium dark-gray, medium coarsely-crystalline; minor vein dolomite and dark-gray chert.

GEOLOGIC SUMMARY

|        | <u>ROCK UNIT</u>      | <u>TIME ROCK UNIT</u> |
|--------|-----------------------|-----------------------|
| 0-50   | No samples            |                       |
| 50-578 | Beekmantown Formation | Ordovician            |

Virginia Division of Mineral Resources  
Hollis N. Walker, Geologist  
December 16, 1965