

INTERVAL SHEET

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Date 9/1/64

PROP: J. W. Robson, Jr.

COMP: Sydnor

COUNTY: Augusta (Staunton)  
 VDMR WELL NO: W-1130

WWCR 316

VDMR Well No.: 1130

Sample Interval: from 0 to 400

Total depth 408

Oil  Gas  Water  Exploratory

Cuttings  Core  Other

WASHED SAMPLES ONLY

From-To	From-To	From-To	From-To	From-To
-	-	0 - 5	-	-
-	-	5 - 15	-	-
-	-	15 - 25	-	-
-	-	25 - 40	-	-
-	-	40 - 55	-	-
-	-	55 - 70	-	-
-	-	70 - 85	-	-
-	-	85 - 100	-	-
-	-	100 - 115	-	-
-	-	115 - 130	-	-
-	-	130 - 145	-	-
-	-	145 - 160	-	-
-	-	160 - 175	-	-
-	-	175 - 190	-	-
-	-	190 - 205	-	-
-	-	205 - 220	-	-
-	-	220 - 235	-	-
-	-	235 - 250	-	-
-	-	250 - 265	-	-
-	-	265 - 280	-	-
-	-	280 - 295	-	-
-	-	295 - 310	-	-
-	-	310 - 325	-	-
-	-	325 - 340	-	-
-	-	340 - 355	-	-
-	-	355 - 370	-	-
-	-	370 - 385	-	-
-	-	385 - 400	-	-
-	-	400 - 408	No Sample	-

OWNER: John W. Robson, Jr.  
DRILLER: Sydnor Pump and Well Co., Inc.  
COUNTY: Augusta (Staunton)

VDMR WELL # 1130  
WWCR WELL # 316  
TOTAL DEPTH : 408

GEOLOGIC LOG

Conococheague Limestone (0-190')

- 0-5 Sandstone and Clay - pale-orange-brown, fine-to coarse-grained, well-rounded, sand; a minor portion of the sandstone is very coarse-grained; minor orange-brown claystone.
- 5-15 Orthoquartzite - very-light-gray; minor pale-orange iron-oxide stain; colorless, fine to medium-coarse grain, rounded, poorly sorted quartz sand with quartz and chert cement.
- 15-25 Sandstone and Siltstone - pale orange, fine to coarse grain, rounded, frosted sandstone with sparse clay and silicacement. Also medium gray and interbedded light-gray siltstone.
- 25-40 Sandy Dolomite and Dolomitic Sandstone - medium-gray, fine-to medium-crystalline dolomite with fine grain quartz sand; minor veins of dolomite, trace pyrite and black chert.
- 40-55 Sandy Calcareous Dolomite - light-gray to medium-dark-gray, fine-grained to coarsely-crystalline dolomite with very fine to medium-fine grained rounded quartz sand; minor argillaceous dolomite; trace iron stain on fracture surfaces.
- 55-70 Calcareous Dolomite - medium-gray, fine-to coarsely-crystalline, silty.
- 70-85 Dolomite - medium-gray, medium-crystalline.
- 85-100 Dolomite, Siltstone, Sandstone and Shale - dolomite: as above, siltstone: cream colored and sandy; sandstone: light-gray fine-to coarse-grained, poorly sorted well rounded; shale: dolomitic; with trace reddish micaceous shale and light-gray chert.
- 100-115 As above
- 115-130 Argillaceous Dolomite - medium-bluish-gray, finely-crystalline, carbonaceous; minor dusty pyrite.
- 130-145 As above



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- 145-160 Dolomite - light-gray, finely-crystalline; minor dolomite veins and minor argillaceous dolomite medium-bluish-gray, finely-crystalline, carbonaceous.
- 160-175 Dolomite - medium-dark-gray, finely-crystalline; minor scattered, rounded, medium-grain quartz sands; very minor tiny crystals of pyrite.
- 175-190 As above
- Elbrook Dolomite (190-400')
- 190-205 Dolomite - medium-dark-gray, medium-crystalline, calcareous; minor tiny crystals of pyrite and veins of quartz.
- 205-220 As above - with minor light-gray, finely-crystalline dolomite.
- 220-235 As above
- 235-250 Argillaceous Dolomite - light-gray and interbedded pale-orange, fine-grained; minor vein quartz (may be a leached fracture zone).
- 250-265 Dolomite - medium-gray, medium-crystalline; trace sand and black chert; trace hematite stain.
- 265-280 Dolomite - medium-dark-gray, finely-crystalline; minor white veins of dolomite and quartz.
- 280-295 As above - trace pyrite and carbonaceous material.
- 295-310 As above - lighter color, less pyrite, no carbonaceous material.
- 310-325 Dolomite - medium-gray, medium-crystalline to fine-grained, minor dolomite veins, trace hematite stain.
- 325-340 Dolomite - medium-dark-gray, medium crystalline; trace white dolomite veins, carbonaceous material with pyrite.
- 340-355 As above - minor fine grained-dolomite.
- 355-370 Dolomite - medium-dark-gray, very-fine-grained, argillaceous, minor white veins of dolomite, trace pyrite.
- 370-385 As above - minor carbonaceous material.
- 385-400 As above - trace medium-crystalline dolomite.
- 400-408 No Sample

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GEOLOGIC SUMMARY

<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-190 Conococheague Limestone	Cambrian
190-400 Elbrook Dolomite	Cambrian
400-408 No Sample	

Virginia Division of Mineral Resources  
Hollis N. Walker, Geologist  
October 27, 1965