

INTERVAL SHEET

WWCR 281

Page 1

VDMR Well No.: Well No. 896

Date 10/3/63

Sample Interval: from 20 to 305

PROP: Richard Straub

Total depth 305

COMP: Sydnor

Oil  Gas  Water  Exploratory

COUNTY: Augusta (Staunton)

Cuttings  Core  Other

VDMR Well No: W-896

From-To	From-To	From-To	From-To	From-To
-	20 -	-	-	-
-	35 -	-	-	-
-	50 -	-	-	-
-	65 -	-	-	-
-	80 -	-	-	-
-	95 -	-	-	-
-	110 -	-	-	-
-	140 -	-	-	-
-	155 -	-	-	-
-	170 -	-	-	-
-	175 -	-	-	-
-	185 -	-	-	-
-	200 -	-	-	-
-	213 -	-	-	-
-	215 -	-	-	-
-	221 -	-	-	-
-	228 -	-	-	-
-	245 -	-	-	-
-	260 -	-	-	-
-	275 -	-	-	-
-	290 -	-	-	-
-	305 -	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

Insufficient quantity of material to wash

OWNER: Richard L. Straub  
DRILLER: Sydnor Pump & Well Co., Inc.  
COUNTY: Augusta (Staunton)

VDMR #896  
WWCR #281  
TOTAL DEPTH: 305'

GEOLOGIC LOG

Elbrook Formation (0-213')

- 20 Dolomite — medium-light-gray and red-brown; crystalline (average 0.2 mm); dolomite veins; abundant red-brown clay.
- 35 Dolomite — light-gray, crystalline, argillaceous; poorly delineated breccia recemented with dolomite; minor hematite stain.
- 50 Dolomite — cream to light-gray crystalline; dolomite veins, minor iron stain and red-brown clay.
- 65 Dolomite — light-brownish-gray, crystalline; veins of dolomite; minor stylolites with iron stain.
- 80 Dolomite — medium-light-gray and medium-brownish-gray, iron-stained, finely-crystalline, veins of dolomite and calcite.
- 95 Dolomite — medium-gray to light-gray, translucent, crystalline (about 0.2 mm); dolomite and calcite veins, trace pyrite.
- 110 Calcareous Dolomite — medium-gray and pale-brown; very finely crystalline, calcite and dolomite veins; fine lamina clay with sand.
- 140 Dolomite — medium-gray, finely crystalline, slightly iron-stained; calcite and dolomite veins.
- 155 Dolomite — medium-gray, finely crystalline, argillaceous, poorly delineated breccia recemented with dolomite and minor calcite; slightly iron stained.
- 170 Dolomite — medium-gray, finely crystalline, minor veins of dolomite, very minor thin streaks of iron stain.
- 175 Dolomite — medium-gray to light-brown, very-fine-grained; veins of dolomite; very minor clay.
- 185 Dolomite — medium-gray, very-fine-grained; minor vein dolomite.
- 200 As above — very-minor iron stain.

OWNER: Richard L. Straub

#896

Intrusive Olivene Gabbro (213-221')

213 Olivene Gabbro — medium-dark-gray and pale-green; medium-fine-grained; phenocrysts of olivene and biotite, gas cavities filled with calcite; augite, biotite, olivene, serpentine, clay, iron oxides, minor magnetite, abundant vein calcite (fibrous perpendicular to vein walls and showing banding); grain mount and then section verification.

215 As above.

Elbrook Formation (221-275')

221 Calcareous Mudstone — yellow-brown and gray; clay and calcite; vein calcite (same type as above but orange stained); minor fragments of gabbro and limestone.

228 As above — fewer rock fragments.

245 Dolomite — medium-gray to light-tan, very-fine-grained; calcite veins.

260 Dolomite — medium-blue-gray, crystalline; calcite veins, trace pyrite.

Intrusive Olivene Gabbro (275-305')

275 Olivene Gabbro — medium-dark-gray to light-brown, fine-grained; augite, biotite, olivene, serpentine, iron oxides, feldspar, minor magnetite, calcite veins with fibrous structure; (X-ray and thin section verifications); minor gray crystalline limestone.

290 As above — less calcite, less limestone.

Elbrook Formation (305')

305 Dolomite — light-brownish-gray, finely crystalline, argillaceous, veins of calcite and dolomite, trace pyrite; minor pale-reddish-brown calcareous mudstone; very minor fragments gabbro.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-213	Elbrook Formation	Cambrian
213-221	Intrusive Olivene Gabbro	Triassic
221-275	Elbrook Formation	Cambrian
275-305	Intrusive Olivene Gabbro	Triassic
305	Elbrook Formation	Cambrian