

INTERVAL SHEET

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VDMR Well No.: 697 ; WWCR #411

Date 8-14-62

Sample Interval: from 15 to 452

PROP: HARTMAN's #5

Total depth 453

COMP: SYDNOR

Oil Gas Water Exploratory

COUNTY: ROCKINGHAM (HARRISONBURG)

Cuttings Core Other

From-To	From-To	From-To	From-To	From-To
-	15 -	452 -	Insufficient quantity	-
-	30 -	-	of material to wash	-
-	45 -	-	-	-
-	60 -	-	-	-
-	75 -	-	-	-
-	90 -	-	-	-
-	105 -	-	-	-
-	120 -	-	-	-
-	135 -	-	-	-
-	150 -	-	-	-
-	165 -	-	-	-
-	180 -	-	-	-
-	195 -	-	-	-
-	210 -	-	-	-
-	225 -	-	-	-
-	240 -	-	-	-
-	255 -	-	-	-
-	270 -	-	-	-
-	285 -	-	-	-
-	300 -	-	-	-
-	315 -	-	-	-
-	330 -	-	-	-
-	345 -	-	-	-
-	360 -	-	-	-
-	375 -	-	-	-
-	390 -	-	-	-
-	405 -	-	-	-
-	422 -	-	-	-
-	436 -	-	-	-
-	438 -	-	-	-

OWNER: Hartman Motor Sales #5 VDMR # 697
DRILLER: Sydnor Pump & Well Co. WWCR # 411
COUNTY: Rockingham (Harrisonburg) DEPTH: 453

SAMPLE EXAMINATION
(Washed Samples)

0-15 No sample (Top of bedrock in this interval)

15 Limestone - medium gray, hard, dense, fine grained, highly calcareous, slightly carbonaceous

30 Limestone - medium gray, hard, dense, fine grained, calcareous, slightly carbonaceous, trace of calcite vein material

45 As above

60 As above

75 Limestone - medium gray, hard, dense, fine grained, highly calcareous, slightly carbonaceous, trace of weathered orange clay

90 Limestone - medium gray, hard, dense, fine grained, highly calcareous, slightly carbonaceous, trace of calcite vein material

105 As above

120 As above

135 As above

150 As above

165 Limestone - medium gray, hard, dense, fine grained, highly calcareous, slightly carbonaceous, slight trace of pyrite

180 Limestone - medium gray, hard, dense, fine grained, highly calcareous, slightly carbonaceous

195 As above

210 Limestone - medium gray, hard, dense, fine grained, highly calcareous, slightly carbonaceous, trace of calcite vein material

225 Limestone - medium gray, hard, dense, fine grained, highly calcareous, slightly carbonaceous, heavy trace of calcite vein material

240 Limestone - medium gray, hard, dense, fine grained, highly calcareous, slightly carbonaceous

255 As above

270	As above
285	As above
300	As above
315	Limestone - medium gray, moderately hard, brittle, highly calcareous, carbonaceous, heavy trace of calcite vein material, 30% dolomite (by x-ray analysis)
330	Limestone - medium gray, hard, brittle, highly calcareous, 30% dolomite
345	As above
360	As above
375	As above
390	As above
405	As above
422	Limestone - medium gray, hard, brittle, highly calcareous, heavy trace of calcite vein material, 30% dolomite
436	As above
438	As above
452	Limestone - medium gray, hard, brittle highly calcareous, 30% dolomite

GEOLOGIC SUMMARY

AGE

ORDOVICIAN

FORMATION OR UNIT

Lower middle Edinburg formation

Virginia Division of Mineral Resources
Merrick S. Whitfield - Geologist
September 12, 1962