

INTERVAL SHEET

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Date 8-14-62

PROP: HARTMAN's #3

COMP: SYDNOR

COUNTY: ROCKINGHAM (HARRISONBURG)

VDMR Well No.: 695 ; WWCR #409

Sample Interval: from 15 to 573

Total depth 573

Oil Gas Water Exploratory

Cuttings Core Other

From-To	From-To	From-To	WASHED SAMPLES From-To	From-To
-	15 -	missing	15 -	465 -
-	missing	480 -	30 -	480 -
-	45 -	495 -	45 -	495 -
-	60 -	510 -	60 -	510 -
-	75 -	525 -	75 -	525 -
-		missing		
-	90 -	540 -	90 -	528 -
-	missing	555 -	105 -	540 -
-	120 -	573 -	120 -	555 -
-	135 -	-	135 -	573 -
-	150 -	-	150 -	-
-	165 -	-	165 -	-
-	180 -	-	180 -	-
-	195 -	-	195 -	-
-	210 -	-	210 -	-
-	225 -	-	225 -	-
-	240 -	-	240 -	-
-	255 -	-	255 -	-
-	270 -	-	270 -	-
-	285 -	-	285 -	-
-	300 -	-	300 -	-
-	315 -	-	315 -	-
-	330 -	-	330 -	-
-	345 -	-	345 -	-
-	360 -	-	360 -	-
-	375 -	-	375 -	-
-	390 -	-	390 -	-
-	405 -	-	405 -	-
-	420 -	-	420 -	-
-	435 -	-	435 -	-
-	450 -	-	450 -	-

OWNER: Hartmans Motor Sales #3
DRILLER: Sydnor Pump and Well Company
COUNTY: Rockingham (Harrisonburg)

VDMR# 695
WWCR# 409
Depth: 573

SAMPLE EXAMINATION
(washed)

0-15 No sample

15 Weathered limestone - medium to light gray, hard, fine grained, dense, highly calcareous, 1% yellow clay, heavy trace of medium grained, subrounded, milky to clear, quartz grains.

15-30 No sample (bedrock in this interval)

30 Limestone - dark gray, hard, fine grained, dense, highly calcareous, slight trace of calcite vein material

45 Limestone - dark gray, hard, fine grained dense, highly calcareous, 1% white calcite vein material, slight trace of pyrite.

60 Limestone - dark gray, hard, fine grained, dense, highly calcareous, 1% white calcite vein material.

75 As above

90 Limestone - dark gray, hard, fine grained, dense, highly calcareous.

105 Limestone - dark gray, hard, fine grained, dense, highly calcareous, 1% white calcite vein material.

120 As above

135 As above

150 Limestone - dark gray, hard, fine grained, dense, highly calcareous, 1% white calcite vein material, heavy trace of black carbonaceous material.

165 Limestone - dark gray, hard, fine grained, dense, highly calcareous, 1% white calcite vein material, trace of black carbonaceous material and pyrite.

180 Limestone - dark gray, hard, fine grained, dense, highly calcareous, 1% white calcite vein material

195 As above

210 As above

225 As above

- 240 Limestone - dark gray, hard, fine grained, dense, highly calcareous, 1% white calcite vein material, trace of black carbonaceous material.
- 255 Limestone - dark gray, hard, fine grained, dense, highly calcareous, 1% white calcite vein material.
- 270 As above
- 285 Limestone - dark gray, hard, fine grained, dense, highly calcareous, heavy trace of white calcite vein material.
- 300 Limestone - dark gray, hard, fine grained, dense, highly calcareous, 1% white calcite vein material.
- 315 Limestone - dark gray, hard fine grained, dense, highly calcareous, 5% white calcite vein material.
- 330 Limestone - dark gray, hard, fine grained, dense, highly calcareous, heavy trace of white calcite vein material.
- 345 As above
- 360 Limestone - dark gray, hard, fine grained, dense, highly calcareous, 1% white calcite vein material.
- 375 Limestone - dark gray, hard, fine grained, dense, highly calcareous, 1% white calcite vein material, heavy trace of pyrite.
- 390 Limestone - medium gray, hard, fine grained, dense, highly calcareous, 10% white calcite vein material, trace of pyrite.
- 405 Limestone - dark gray, hard, fine grained, dense, highly calcareous, trace of white calcite vein material.
- 420 Limestone - dark gray, hard, fine grained, dense, highly calcareous, heavy trace of white calcite vein material.
- 435 Limestone - dark gray, hard, fine grained, dense highly calcareous, trace of white calcite vein material.
- 450 Limestone - dark gray, hard, fine grained, dense, highly calcareous, shaley, trace of white calcite vein material.
- 465 Limestone - dark gray, hard, fine grained, dense, highly calcareous, shaley, 1% white calcite vein material.
- 480 Limestone - dark gray, hard, fine grained, dense, highly calcareous, shaley, trace of calcite vein material and pyrite.

- 495 Limestone - dark gray, hard, fine grained, dense, highly calcareous, shaley, 1% white calcite vein material, heavy trace of pyrite.
- 510 Limestone - dark gray, hard, fine grained, dense, highly calcareous, shaley, 2% white calcite vein material, trace of pyrite.
- 525 Limestone - light gray, hard, fine grained, dense, highly calcareous, 2% white calcite vein material.
- 528 Limestone - light gray, hard, fine grained, dense, highly calcareous, 3% white calcite vein material, heavy trace of maroon, iron-stained limestone. (IRON DETERMINATION ASCERTAINED BY X-RAY ANALYSIS; THE PRESENCE OF DOLOMITE, LIMESTONE AND GYPSUM WAS ALSO REVEALED)
- 540 Limestone - light gray, hard, fine grained, dense, highly calcareous, shaley, heavy trace of white calcite vein material, trace of pyrite.
- 555 Limestone - light gray, hard, fine grained, dense, highly calcareous, 1% white calcite vein material, heavy trace of pyrite.
- 573 Limestone - light gray, hard, fine grained, dense, highly calcareous, heavy trace of white calcite vein material, heavy trace of pyrite and maroon stained limestone.

GEOLOGIC SUMMARY

<u>AGE</u>	<u>Formation or unit</u>
Ordovician	Lower middle Edinburg

Virginia Division of Mineral Resources
Merrick S. Whitfield, Geologist
August 28, 1962