INTERVAL SHEET

0			11/11	ERVAL SHEET		
Page_1				VDMR Well No.:_	603	
Date11-14-61				Sample Interval	: from 0 to 170	
PROP: HEARTY VA	. INC.				304	
COMP: SYDNOR				OilGas	WaterXExploratory	_
COUNTY: SHENANDO	HA			Cuttings_XC	oreOther	
From-To From-To			То	From-To	From-To	From-To
			1.4		Insufficient amount of	
EAST THE	0 14		14 30	-	material to-wash	-
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INTERVAL SHEET

Page			VDMR WELL NO	003 WWCR 181		
Date <u>7/9/62</u>			Sample Interva	l: from 130	_to29	00
PROP: Hearty Va. Inc	·		Total Depth	290		
COMP: Sydnor			OilGas	_WaterxExp	loratory	
COUNTY: Shenandoah			Cuttings <u>x</u>	CoreOther		
From-To	From-To	From-	То	From-To	Fro	om-To
_	130 -	_		_		_
_	150 -	_		_		_
-	210 -	-	0-130' sample	es on page 1 of	#603	-
<u>.</u> .	230 -	-		_		
7	270 -	-		-		-
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OWNER: HEARTY VA. INC.
DRILLER: SYDNOR PUMP & WELL CO.
COUNTY: SHENANDOAH

290-304

No Samples

VDMR # 603 WWCR # 181 DEPTH: 304

SAMPLE EXAMINATION (unwashed)

0-14	Mudstone - yellow with some white streaks, soft, argillaceous, silty
14-30	Mudstone with Sand and Gravel - yellow mudstone with some white streaks, soft, argillaceous, fine grained quartz sand, subrounded to rounded gravel
30-50	Quartzite Gravel - white and maroon (iron stained), hard, medium grained, siliceous cement, well rounded quartz sand grains composing subrounded gravel, slightly permeable
50-70	as above
70-90	Sandstone - orange (iron stained), hard, argillaceous, iron cement, fine grained quartz, rounded, some gravel (Bedrock in this Interval)
90-110	Sandstone - orange (iron stained), hard, argillaceous, iron cement, fine grained quartz, rounded, some gravel
130	Limestone - black, hard, highly calcareous, fine grained, trace of small calcite veins
130-150	Mudstone with Sand and Gravel - orange mudstone, soft, argillaceous, fine grained quartz sand, subrounded to rounded gravel
150	Limestone - black, hard, highly calcareous, fine grained with 5% yellow, cal careous, sticky, arenaceous siltstone
150-170	Mudstone with Sand and Small Amount of Gravel - Orange mudstone, soft, argillaceous, fine grained quartz sand, subrounded to rounded
210	Limestone - black and light gray with yellow streaks, hard, moderately calcareous, fine grained, silty
230	as above
270	as above
290	Limestone - black and light gray, hard, moderately calcareous, fine grained, silty

#603

OWNER: HEARTY VA., INC.

GEOLOGIC SUMMARY

AGE

FORMATION OR UNIT

Ordovician

Conococheague limestone

Virginia Division of Mineral Resources Merrick S. Whitfield, Geologist July 25, 1962