INTERVAL SHEET

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Date rec'd: 5/23/66

PROP: U. S. Forest Service

(Hazard Mill Rec. Area)

COMP: C. R. Moore

COUNTY: Warren (Bentonville)

VDMR Well No: 1607

Sample Interval: from 18 to 235

Number of samples: 23

Total Depth: 235

Oil or Gas: Water: XExploratory:

From-To	From-To	From-To	From-To
18 - 20	- :	-	r -
20 - 30		_	-
30 - 40		_	-
40 - 50	-	-	_
50 - 60	-	_	-
17.15 T 25			
7.0 -0			
60 - 70	_	_	=
70 - 80	-	-	=
80 - 90	=	_	-
90 _ 100	_	-	-
100 110	_	_	_
110 - 120	=	_	_
120 - 130	_	-	-
130 - 140	_	_	and a
140 - 150	-	-	_
150 - 160	-	-	-
150 100			
160 170			
160 - 170	-	-	-
170 - 180		_	-
180 - 190	_	7	end end
190 _ 200	_	=	_
200 210		-	-
210 _ 220	-	_	-
220 - 230	-	zas.	
230 - 235	-	=	-
=	_	-	
_	-	-	-
-	-	-	L es
_	-	-	-
	_	_	_
_	_	<u></u>	
All intervals ha	ive both washed ar	nd unwashed sampl	es -

All intervals have both washed and unwashed samples

OWNER: U. S. Forest Service (Hazard Mill Recreation Area) VDMR #1607 DRILLER: C. R. Moore Well Drilling Company WWCR #78 COUNTY: Warren (Bentonville) TOTAL DEPTH: 235

GEOLOGIC LOG

0-18	No samples	
18-20	Shale — gray and green, brown, tan, light-yellow iron stains on bedding and joint planes, soft; with some clay and sandstone - silt to coarse-grained, poorly sorted, angular quartz grains, tan to light yellow, iron stained, weathered	
20-30	Predominately sandstone as above	
30-40	Sandstone — gray to dark gray, silt to medium-grained, subrounded quartz grains, argillaceous to shaly, very slightly calcareous, tan to brown iron-stained where weathered	
40-50	Shale — gray to dark gray, some clay, siliceous to silty and sandy, compact, hard	
50-60	ii .	
60-70	Sandstone — dark gray, silt to medium-grained, poorly sorted, subrounded, argillaceous to shaly, platy, thin bedded, few calcite crystals and pyrite crystals on bedding planes	
70-80	Shale — gray to dark gray, some clay, slightly siliceous, firm, with thin calcite veins	
80-90	Shale — dark gray, clay to silt; silt to medium-grained, subangular, poorly sorted, sand is interdisseminated in a shale matrix	
90-100	11	
100-110	with increase in sand	
110-120	with a few calcite veins	
120-130	very sandy	
130-140	considerably less sand, medium-large calcite veins	
140-150	11	
150-160	***	

OWNER:	U. S. Forest Service (Hazard Mill Recreation Area) #1607		
160-170	Shale — dark gray, clay to silt; silt to medium-grained, subangular, poorly sorted, sand is interdisseminated in a shale matrix		
170-180	with considerable sand, less calcite		
180-190	, tt		
190-200	, ii		
200-210	Shale — dark gray, clay to silt; silt to medium-grained, subangular, poorly sorted, sand is interdisseminated in a shale matrix		
210-220	with a thin sandstone - gray, medium to fine-grained, slightly calcareous, slightly argillaceous, low porosity		
220-23 0	with increase in sand, some calcite veins		
230-235	tt		
	GEOLOGIC SUMMARY		
	ROCK UNIT AGE		

ROCK UNIT		AGE	
0-18	No samples		
18-235	Martinsburg Shale	Ordovician	

Virginia Division of Mineral Resources Warren J. Souder, Geologist June 1966