From-To

INTERVAL SHEET

Date rec'd:

1 of 1

85

95

245

9/11/67

VDMR Well No: 2001

Number of samples: 15

Sample Interval: from 751 to: 3151

PROP: Roanoke Service Authority

(N. Ardmore Sub. #3)

95

105

255

Total Depth: 3151

COMP: (N. Ar

Frank W. Martin Drilling Company

Oil or Gas: Water Exploratory:

COUNTY: Roanoke (Hollins)

From-To

From-To

From-To

No sample

75 - 85

Oil or Gas: Waterx

 215
 225

 225
 235

 235
 245

285 - 295 - - - -

295 - 305 305 - 315 - - - - - - -

Unwashed samples only

OWNER: Roanoke Public Service

(N. Ardmore Sub. Well #3)

WWCR: 463

COUNTY: Roanoke (Hollins)

DRILLER: Frank W. Martin Drilling Company TOTAL DEPTH: 315^t

VDMR: 2001

GEOLOGIC LOG

Depth in feet					
0-75	No sample				
75-85	Limestone - olive-gray, fine-grained, microcrystalline, argillaceous, dolomitic; some light-olive-gray dolomitic limestone				
85-95	11	few ferruginous concretions showing concentic banding			
95-105	u	with calcite crystals and veins			
105-195	No sample				
195-205	Dolomite - grayish-black, fine-grained, microcrystalline, very argillaceous; some clay				
205-215	н				
215-225	11	few dolomite crystals			
225-235	11	fT			
235-245	11	some yellowish-orange shale			
245~255	n	n			
255-265	11	11			
265-275	t r	11			
275-285	11				
285-295	11				
295-305	ŧı				
305-315	Dolomite -	grayish-black, fine-grained, crystalline, very			

argillaceous; some yellowish-orange dolomite and shale

OWNER: Roanoke Public Service

(N. Ardmore Sub. Well #3)

#2001

GEOLOGIC SUMMARY

Rock Unit

Age

Beekmantown

Ordovician

Virginia Division of Mineral Resources W. W. Winters, Geologist November 1967

COMMONWEALTH OF VIRGINIA

VDMR - 2001 WWCR - 463

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

3667

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:

McCormick Road

rlottesville, VA 22903 WATER WELL COMPLETION REPORT Charlottesville, Virginia

CONTRACTOR OF THE CONTRACTOR O	1811 1106 NO NOON 10 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	Moiling Address: Salem, Virginia		
TENANT: N. Ardmore Sub., Well #3			
DRILLER Frank W. Martin Drilling Co., Inc.	Mailing Address: Roanoke, Virginia		
WELL LOCATION: County Roanoke	Approx. 1 1/2 **eex south (direction) of		
	xtexts seast one of direction) of Hwy. 115		
(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TO COUNTY HIGHWAY OR OTHER MAP.)	NO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC ON		
DATE STARTED: 7/17/67	DATE COMPLETED: 8/8/67		
TYPE OF DRILL RIG USED: Davey M8A Air Dril	TOTAL DEPTH 315 feet		
WATER LEVEL: Stands 122 feet below	surface <u>OR</u>		
has <u>NATURAL</u> flow of	gallons per minute.		
YIELD TEST: Method Pump Test	HOLE SIZE: 10 inches from 0 to 196 feet		
Drawdown 30 feet	6 1/8 inches from 196 to 315 feet		
Rate 72 gal. per min.	inches fromtofeet		
Durationhrs.,min.	SCREEN SIZE:inches fromtofeet		
WATER ZONES: from 195 to 315 feet	inches fromtofeet		
fromtofeet	inches fromtofeet		
fromtofeet	CASE SIZE: 6 inches from 0 to 196 feet		
WATER: Color slightly cloudy Taste	inches fromtofeet		
Odor°F	inches fromtofeet		
WELL TO SUPPLY: (check one) Home	GROUTING: Method Poured		
Farm Town School	Material cement Depth 92 feet		
IndustryOther_Subdivision	PUMP: Type Submersible		
WATER ANALYSIS AVAILABLE YesNo_X	Capacitygal. per min		
DRILL CUTTINGS SAVED: Yes X No (DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT III) OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHE			
MARKS:			

FURNISHED BY: Frank W. Martin Drilling Co., Inc. DATE: 8/14/67

migriDEPTH esticing TYPE OF ROCK OR SOIL PENETRATED REMARKS (feet) (gravel, clay, etc., hardness, color, etc.) (water, caving, shot, screen, sample, etc.) TO FROM Hollins, TEMANT II. Ardorore Sub., Well 38 Molling Address ... 86 Clay and dirt 0 Broken limestone at 126' ... Inil Hit large opening at 126' 86 126 lost all return 126 196 Limestone and broken lime .315 196 Limestone and broken lime S/1 ban-Hollins on Hwy. 115 (GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS. DATE COMPLETED 8/8/67 DATE STARTED 7/17/67 TYPE OF DRILL RIG USED Davey MSA Air Drill TOTAL DEPTH 315 WATER LEVEL: Stands 122 est below surface OR has NATURAL flow of _____gallons per minute HOLE SIZE: 10 mones from 0 to 196 Rote 72 gal per Several WATER ZONES from 195 WATER Color Slightly cloudy to the GROUTING Method Poured Industry Other Subdivision (DRHLL COTTINGS SHOULD BE COLLECTED AT 10 FOOT INTERVALS, THESE SAMPLES MAY BE OFFICE EXPRESS COLLECT SAMPLE BAG NAVO (Juan (Use additional forms if necessary)

INTERVAL SHEET

1 of 1

VDMR Well No: 2001

Date rec'd:

9/11/67

Sample Interval: from 75: to: 315:

PROP:

Roanoke Service Authority

Number of samples: 15

COMP:

(N. Ardmore Sub. #3)

Total Depth: 315

Frank W. Martin Drilling Company

COUNTY:

Roanoke (Hollins)

Oil or Gas: Watery Exploratory:

	From-To	From-To	From-To	From-To
	No sample	-		-
	75 - 85	-	-	· -
	85 - 95	<u>=</u>		e /
	95 ~ 105	-		_
	No sample	-	-	
	105 - 205	_		
	195 - 205		-	-
	205 - 215	-		
	215 - 225		-	-
	225 - 235	- - -	-	
	235 - 245		-	· •
	245 - 255	-	-	÷ ,
	255 - 265		-	•
	265 - 275	Ξ.	-	-
	275 - 285	=	-	-
	285 - 295	-	_	-
	295 - 305	-	-	-
	305 - 315	-	=	-
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Unwashed samples only