OWNER: U. S. Forestry Department

(Tomahawk Fishing Pond)

DRILLER: Virginia Well Drilling Company TOTAL DEPTH: 3001

COUNTY: Shenandoah (Orkney Springs)

VDMR: 2006

WWCR: 242

GEOLOGIC LOG

Depth in feet	
0-10	Shale - grayish-orange, weathered
10-20	Shale - light-olive-gray, slightly micaceous, weathered; some grayish-orange shale
20-30	Shale - medium-gray; some grayish-orange shale; iron-oxide stains
30-40	Shale - medium-gray, few iron-oxide stains
40-50	rt .
50-60	Shale - dark-gray, few quartz stringers
60-70	11
70-80	11
80-90	with some light-brownish-gray shale
90-100	11
100-110	with some slickensides
110-120	II II
120-130	Shale - dark-gray
130-140	No sample
140-150	Shale - dark-gray, few slickensides
150-160	Shale - dark-gray; trace pyrite
160-170	Shale - dark-gray
170-180	11
180-190	tt

OWNER: U. S. Forestry Department (Tomahawk Fishing Pond)

#2006

190-200	Shale - dark-gray	
200-210	II.	minor amount interbedded with light- gray dolomite
210-220	t t	trace acicular gypsum, pyrite
220-230	n ·	calcite veins
230-240	tt	trace acicular gypsum
240-250	II .	
250-260	11	
260-270	tt .	
270-280	11	
280-290	11	
290-300	11	

GEOLOGIC SUMMARY

Rock Unit
Age

Millboro Formation
Devonian

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

OFFICE ADDRESS:

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

P 3667

C. rlottesville, VA 22903

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

WATER WELL COMPLETION REPORT

McCormick Road Charlottesville, Virginia

OWNER: U.S. Forestry Dept.	FROM TO (gravel, clay, etc., hardness, calor, etc., hardness, calor, etc., hardness, calor, etc., et
TENANT: (Tomahawk Fishing Pond)	Mailing Address:
DRULER Virginia Well Drilling Co., Inc.	_ Mailing Address 162 S. Main St. Harrisonburg, Va
WELL LOCATION: County Shenandoah	Approx. 3 miles south (direction) of
Orkney Springs and and	feet(direction) of
(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM COUNTY HIGHWAY OR OTHER MAP.)	TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC ON
DATE STARTED: June 28, 1967	DATE COMPLETED:July 1, 1967
TYPE OF DRILL RIG USED: Rotary	TOTAL DEPTH 300 feet
WATER LEVEL: Standsfeet below	surface <u>OR</u>
has <u>NATURAL</u> flow of	gallons per minute.
YIELD TEST: Method	HOLE SIZE: 8 inches from 0 to 50 feet
Drawdown feet	6 inches from 50 to 300 feet
Rategal. per min.	inches fromtofeet
Durationhrs.,min.	SCREEN SIZE:inches fromtofeet
WATER ZONES: fromtofeet	inches fromtofeet
fromtofeet	inches fromtofeet
fromtofeet	CASE SIZE: 65/8 inches from 0 to 50 feet
WATER: ColorTaste	inches fromtofeet
OdorTemp°F	inches fromtofeet
WELL TO SUPPLY: (check one) Home	GROUTING: Method Pumped
FarmTownSchool	Material <u>cement</u> Depth 50 feet
IndustryOther	PUMP: Type
WATER ANALYSIS AVAILABLE: YesNo _X	Capacitygal. per min
DRILL CUTTINGS SAVED: Yes X No	Depth of intakefeet
(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNIS	INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS SHED FREE OF CHARGE UPON REQUEST.)
RARKS: There was no water encountered de	uring drilling. The hole was pumped after
the 300 feet were drilled and still no w	vater.

OVER

COMMONWEALTHOOD TO STREET

FURNISHED BY: Philip R. Constable

DATE: September 27, 1967

(fee	orlones HT	TYPE OF ROCK OR SOIL PENETS	RATED	REMARKS AV Jellysestol			
ROM	то	(gravel, clay, etc., hardness, color,	(water, caving, shot, screen, sample, etc.)				
	45	Sandy loam soft		NANT (Tomahawk Fishing Pond)			
0 45 , 31		Shale, soft, gray	, Inc.	RILLER Virginia Well Drilling Co.			
58	300	Slate hard blue					
		to (norteerib) fast					
NO - C		WO REFERENCE POINTS - ROADS, TOWNS,		WE DIRECTION AND DISTANCE IN PEET OR			
	7	DATE COMPLETED: July 1, 190		OUNTY HIGHWAY OR OTHER MAP.) TE STARTED JUDE 28, 1967			
feet		HT930 JATOT		PPE OF DRILL RIG USED! Rotary			
				ATER LEVEL: Stands			
		gallons per minute.	_lo woll :	NOS NATURA			
991		HOLE \$1ZE: 8 Inches from 0		ELO TEST Memod			
991	L to 30	6_inches from 5	ta	Drawdown f			
188		inches from	,ni	Rate gal per m			
9 9 7	ot	SCREEN SIZEInches from	, d	Durgtionhrs.,nn			
eelfee	01	nches trom	18.91	TER ZONES: from			
(e e)	ot	unches from	1007				
feet	0 0 0 0	CASE SIZE: 6.5/8 inches from	1 9 9 1				
Isei	01	inches from		Teste Toolor			
		nothes from	do	OdorTemp			
		GROUTING Method Paraged		LL TO SUPPLY: (check one) Home L			
10g	. 50 . 50	Morena Cement Dep		ParmSchool			
		PUMP: Type		(ndustryOther			
nim 190	log	dapacity)	X on.	TER ANALYSIS AVAILABLE YEY			
set		Depth of index		LL QUTTINGS SAVED. Yes. 2			
		NTERVALS, THESE SAMPLES MAY BE	N TOOR OF TA	LL CUTTINGS SHOWLD BE COLLECTED. FIGE EXPRESS COLLECT SAMPLE EAGS			
	red after	ing drilling. The hole was pump	untered duri	ARKS There was no water enc			
				the 300 feet were drilled an			
				A.S. & S. A.A.S. & S. S. A. S.			

INTERVAL SHEET

Para 1 of 1

VDMR Well No: 2006

Date rec'd: 10/2/67

Sample Interval: from 0¹ to: 300¹

PROP: National Forest Service

Number of samples: 29

(Tomahawk Fishing Pond)

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COMP: Va. Well Drilling Co.

Total Depth: 300

COUNTY: Shenandoah (Orkney Springs)

Oil or Gas: Water X Exploratory:

	From	- To	From-To	From-To	From-To)
	0 -	10	=	: :	_	
	10 -	20	-	_		
	20 -	30	_	-	_	
	30 -	40	_	_	_	
	40 -	50		_	-	
	10	30				
	50 -	60	~	_	_	
	60 -	70	-	-	_	
	70 -	80	-	-	-	
	80 -	90	-	-	=	
)	90 -	100	-	-	,	
	, 0	100				
	100 -	110	-	-	· .	
	110 -	120	-	-	-	
	120 -	130	-	-	-	
	-		-	-	-	
	140 -	150	-	-	-	
	150 -	160	-	-	-	
	160 -	170	-	-		
	170 -	180	·	-	a - 1	
	180 -	190		-	-	
	190 -	200	-	-	-	
					-	
	200 -	210	-	-	i. -	
	210 -	220	=	-	-	
	220 -	230		-	-	
	230 -	240	-	-	-	
	240 -	250	-	-	-	
· ·	250 ~	260	-	2013 1075	_	
	260 -	270	-	-	-	
)	270 -	280	-			
	280 -	290	, -	-	-	
	290	300	-	-	-	
	-, -					

All intervals have both washed and unwashed samples