Pa l of l	WWCR: 465 VDMR Well No: VDMR: 2029
Date rec'd: 10/30/67	Sample Interval: from 0' to: 160'
PROP: Ornamental Iron & Prison Works	Number of samples: 16
COMP: Nelson-Roanoke Corp.	Total Depth: 163'
COUNTY: Roanoke (Starkey)	Oil or Gas: Water: x Exploratory:

From-To	From-To	From-To	From-To
0_10			
	-	-	-
	-	-	-
2030	-	-	-
30 _ 40	-	-	-
40_ 50	-	-	-
50_ 60	-	-	-
60 <u>7</u> 0	-	-	-
70 <u>8</u> 0	-	-	-
80_ 90	-	-	_ .
90 _ 100	_	-	_
100 _ 110	-	-	-
110 _ 120	· ~	-	
120 _ 130	-		_
130 _ 140	-	_	_
140 _ 150	_	-	-
	-	-	-
150 _ 160			
	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
	· ·		
-	-	-	-
-	-	-	
-	-	-	-
-	-	-	-
-	-	-	-
-	-	· _	-
-	-	-	-
-	-	_	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples

OWNER: Ornamental Iron and Prison Works	VDMR:	2029
DRILLER: Nelson-Roanoke Corporation	WWCR:	465
COUNTY: Roanoke (Starkey)	TOTAL DEPTH:	163'

GEOLOGIC LOG

Depth in feet

0-10	Clay, sand, and we	athered sandstone
10-20	11	
20-30	11	
30-40	11	
40-50	11	
50-60	п	
60-70	19	
70-80	tT	
80-90	н	
90-100	**	
100-110	11	
110-120	11	
120-130	11	
130-140	Dolomite - light-gr	ay, fine-grained, microcrystalline
140-150	11	
150-160	ŦÈ	
160-163	No sample	
	GEOLOG	IC SUMMARY
	Rock Unit	
	Rome Formation	<u>Age</u> Cambrian
		Virginia Division of Mineral Resources
		W. W. Winters, Geologist
		November 1967
Note: Steenly	dipping red shales of	the Rome Formation are exposed in a

Note: Steeply dipping red shales of the Rome Formation are exposed in a broad area around the well site making it seem unlikely that clay, sand, and weathered sandstone are present to a depth of 130 feet.

DEPARTMENT OF CONSERVATION	OF VIRGINIA ON AND ECONOMIC DEVELOPMENT VERAL RESOLINCES OFFICE ADDRESS:
P 3667 JAMES L. CALVE	NERAL RESOURCESOFFICE ADDRESS:ER, COMMISSIONERMcCormick RoadOMPLETION REPORTCharlottesville, Virginia
OWNER:Ornamental Iron and Prison Works	Mailing Address:2217 Shenandoah Avenue
TENANT:	Mailing Address: VII 0
DRILLER: Nelson-Roanoke Corporation	Mailing Address: 901 11th Street, Roanoke, VA
WELL LOCATION: County Roanoke	Approx 3 ** ##### _ nor theast(direction) of
Starkey 800) feet northwest (direction) of St. Rte. 419
(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM T COUNTY HIGHWAY OR OTHER MAP.)	
DATE STARTED: 7/20/67	DATE COMPLETED: 8/2/67
TYPE OF DRILL RIG USED: Reichdrill	TOTAL DEPTH <u>163</u> feet
WATER LEVEL: Stands <u>50</u> feet below	surface <u>OR</u>
has <u>NATURAL</u> flow of_	gallons per minute.
YIELD TEST: Method Submersible Pump	HOLE SIZE: 10 5/8 nches from 0 to 140 feet
Drawdown <u>None</u> feet	_6inches from <u>140</u> to <u>163</u> feet
Rate <u>20</u> gal. per min.	inches fromtofeet
Duration <u>48</u> hrs., min.	SCREEN SIZE:inches fromtofeet
WATER ZONES: from <u>145</u> to feet	inches fromtofeet
fromtofeet	inches fromtofeet
fromtofeet	CASE SIZE: 6 1/4 inches from 0 to 136 feet
WATER: ColorClear *Toste	inches fromtofeet
OdorTemp	inches fromtofeet
WELL TO SUPPLY: (check one) Home	GROUTING: Method
Farm Town School	Material <u>cement/sand</u> Depth140_feet
IndustryX_Other	PUMP: Type Jacuzzi Submersible
WATER ANALYSIS AVAILABLE Yes NoX	Capacitygal per min
DRILL CUTTINGS SAVED: $Y_{es} = X$ No (DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISH	
FOARKS: * Considerable amount of muddy wa	ter pumped clear after 2 1/2 hours pumping
with drill machine and 30 hours pur	nping with pump.
() necessary)	(LOG OF WELL) OVER

LOGIJA3WAMMOO 304 :ROW W THEMPOINT Nelson-Roanoke Corporation DATE: 10/25/67

(fee	t)	TYPE OF ROCK OR SOIL PENET	RATED	REMARKS	
	Averus	(gravel, clay, etc., hardness, color, etc.)		(water, caving, shot, screen, sample, etc.)	
0	136	Clay seetbox policom		TNAMBI	
136	163	Limestone and Limestone	ation	RILLER Nelson-Roanske Corpor	
to (goitoe	(ib)	Approx 3 milas northoast	olce	VELL LOCATION COUNTY	
419	St. Rte.	teel northwost (direction) of -			
ND - 01	RIVERS, E	WO REFERENCE POINTS - ROADS TOWNS.	MILES FROM T	GIVE DIRECTION AND DISTANCE IN FEET OR	
		DATE COMPLETED 8/2/67		COUNTY HIGHWAY OR OTHER MAP) MATE STARTED: 7/20/67	
feel	163			THE OF DRILL RIG USED	
1001					
				ATER LEVEL: Stonds 50 (
		golfons per minute			
teet	<u>s.F.</u> 97	HOLE SIZE 0 5/ Baches from	Quant 4	IELD TEST Mathod Submorable	
(3fget	10104	1. mont erdon	too	Drawdown None	
1591	to		.ni	Rate 20 gat per a	
1991	61	SCREER SIZE (nohes from	nî.	Quration 48_Are.	
1091	ot		(50)	ATER ZONES from 145 to	
1991	01	ma (1 señan)	1997	01movi	
1 <u>36_</u> feef		CASE SIZE 61/4 Inches from	t es }	otn(oh)	
1991	o t			ATER: ColorClost *tasts	
teet.	ot			0.dor7.000	
		Bedten ONITUORO	<u>-</u>	ELL TO SUPPLY (check and) Home	
test	e Iat	Material Comont/sand_ Dep		Farm	
	mersible	pump, Tyre Jacuszi Sub		industry Other	
pec min		Gapacity 30	Х	ATER AWALYSIS AVAILABLE YOL	
feet	e	Depth of Intake		NCL CUTTINGS SAVED Yes_	
SAHL D			TOOT OF TA	RILL CUTTINGS SHOULD BE COLLECTED FFICE ENTRESS COLLECT SAMPLE BAGS	
guie	dund sa	er pumped clear after 2 1/2 hor	of muddy wat	ARKS * Considerable amount	
		ping with pump.	annd strond 08	with drill machine and	

(Use additional forms if necessary)