## INTERVAL SHEET WWCR 75

Page 1 of 1 VDMR Well No: 2171

Date rec'd: 4/29/68 Sample Interval: from 0 to: 500'

PROP: Shell Oil Company Number of samples: 50

COMP: Frank W. Martin Drilling Co. Total Depth: 500'

COUNTY: Rockbridge (Fancy Hill) Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To
0- 10	300 - 310	-	-
10- 20	310 - 320	-	_
20- 30	320 - 330	-	-
30- 40	330 - 340	-	~
40- 50	340 - 350	-	-
50- 60	250 - 2/0	_	_
60- 70	350 - 360	_	_
70- 80	360 - 370		_
80- 90	370 - 380	~	-
90- 100	380 - 390	-	-
70- 100	390 - 400	*	-
100- 110	400 - 410	-	-
110- 120	410 - 420	-	-
120- 130	420 - 430	_	-
130- 140	430 - 440	-	_
140- 150	440 - 450	=	_
	440 450		
150- 160	450 - 460	=	_
160- 170		-	-
170- 180		_	_
180- 190	470 - 480	_	_
190- 200	480 7 490	-	_
-,	490 - 500		
200- 210	-	-	_
210- 220	-	-	-
220- 230	-	-	_
230- 240	-	-	-
240 - 250	-	-	-
250~ 260			
	-	-	-
260 - 270	-	-	-
270 - 280	-	-	~
280 - 290	-	-	-
290- 300	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Shell Oil Company

DRILLER: Frank W. Martin Drilling Co., Inc. COUNTY: Rockbridge (Fancy Hill)

VDMR: 2171 WWCR: 75

TOTAL DEPTH: 500'

## GEOLOGIC LOG

Depth in feet			
0-10	Sand and clay — brown		
10-20	н		
20-30	11		
30-40	11		
40-50	Dolomite — dark-gray, medium argillaceous; minor am	m-grained, microcrystalline, count of light-gray dolomite	
50-60	n		
60-70	II V	vith trace of pyrite	
60-70	11		
70-80	11		
80-90	11		
90-100	11		
100-110	11 V	vith vein dolomite	
110-120	11		
120-130	11		
130-140	'' v	with minor amount of yellowish chert	
140-150	п		
150-160		vith minor amount of yellowish chert and trace of pyrite	
160-170	Dolomite - dark-gray, medium-grained, microcrystalline, argillaceous, calcareous; minor amount of light-gray dolomite		
170-180	11	vith trace of pyrite	
180-190	ŧi t	:1	

#2171

OWNER: Shell Oil Company

400-410

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O 11.121.	Differ of Company	"211
190-200	argillaceous, c	, medium-grained, microcrystalline, alcareous; minor amount of light-gray agments of white and gray chert
200-210	n	and limonite psuedomorphs after pyrite
210-220	TT .	with minor amount of yellowish chert
220-230	11	with trace of pyrite
230-240	п	
240-250	rr -	
250-260	11	
260-270	tt.	with a few calcite crystals
270-280	_	ray, fine- to medium-grained, ne, calcareous, argillaceous; some mite
280-290	п	
290-300	п	
300-310	11	
310-320	11	
320-330	11	
330-340	11	
340-350	11	
350-360	11	
360-370	n	
370-380	11	
380-390	Limestone — light-gra	y, fine-grained, microcrystalline
390-400	11	

OWNER: Shell Oil Company

#2171

410-420	Limestone - light-gray, fine-grained, microcrystalline
420-430	Dolomite — medium-gray, fine- to medium-grained, microcrystalline, argillaceous; some light-gray dolomite
430-440	Limestone - light-gray, fine-grained, microcrystalline
440-450	11
450-460	Dolomite — medium-gray, fine- to medium-grained, microcrystalline, argillaceous; some light-gray dolomite
460-470	11
470-480	11
480-490	11
490-500	Limestone - light- to dark-gray, fine-grained, microcrystalline

## GEOLOGIC SUMMARY

	ROCK UNIT	AGE
0-40 <sup>t</sup>	Overburden	
40-500¹	Conococheague Formation	Late Cambrian

Virginia Division of Mineral Resources W. W. Winters, Geologist May 1, 1968

## COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES OFFICE ADDRESS:

Box 3667

JAMES L. CALVER, COMMISSIONER

McCormick Road

Charlottesville, VA 22903 WATER WELL COMPLETION REPORT Charlottesville, Virginia

STAMPHER OF THE PROPERTY OF TH	OWN EL TION INCLOSES	
	Roanoke  Mailing Address: R F D 5 - Box 424-C Virginia 24	1014
TENANT: Natural Bridge Shell sfation	Mailing Address Natural Bridge, Virginia	
DRILLER: Frank W Martin Drilling Co., Inc.	5163 Starkey Rd. S. W., Roanoke, Virginia 24014	0
WELL LOCATION: County Rockbridge	Approx. 2000 feet south (direction) of Natural	
(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM COUNTY HIGHWAY OR OTHER MAP.)		-
DATE STARTED: January 5, 1968	DATE COMPLETED: January 30, 1968	
	TOTAL DEPTH 500	fee1
WATER LEVEL: Stands 70 feet below		
has <u>NATURAL</u> flow of_	gallons per minute.	
YIELD TEST: MethodAir Test	HOLE SIZE: 10 inches from 0 to 100	feet
Drawdown feet	6 inches from 100 to 500	feet
Rate gal. per min.	inches fromto	feet
Durationhrs.,min.	SCREEN SIZE:inches fromto	feet
WATER ZONES: from 410 to feet	inches fromto	feet
from 45°0 to 470 feet	inches fromto	feet
fromtofeet	CASE SIZE: 5 inches from 0 to 107	feet
WATER: Color Clear Taste Good	inches fromto	feet
OdorTemp56°F	inches fromto	feet
WELL TO SUPPLY: (check one) Home	GROUTING: Method Poured	
Farm Town School	Material Cement Depth 100	feet
IndustryOther_Service Station	PUMP: Type Submersible	
WATER ANALYSIS AVAILABLE:YesNo_X_	Capacity8gal. pe	r min
DRILL CUTTINGS SAVED: Yes X No	Depth of intake 420	feet
(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT OFFICE EXPRESS COLLECT, SAMPLE BAGS ARE FURNISH		THIS
REMARKS: 50 Samples		

AT -- FINGV

WWW - NOWW

Box 3667 1 McCommidt Rood				
OMEDEP (fee	PTH attoined	TYPE OF ROCK OR SOIL PENETRA	ATED	REMARKS
FROM	Nireinia Vireinia	(gravel, clay, etc., hardness, color, e	The state of the s	(water, caving, shot, screen, sample, etc.)
	lnia	Malling Anages Matural bridge, Virg		TENANT Enterel Bridge Shell
0	460 1000	Limestone exonsol assybba sourd	• .oal	Small amount of water at 410
460	500	Limestone		450' to 470' 6 GPM embiral Lemmas
KO - 01			MLES FROM	(GIVE DIRECTION AND DISTANCE, IN EFET OR COUNTY HIGHWAY OR OTHER MAR!
	896	thave completed January 30,	Y	COUNTY HISBERT OF JUNEAU T, 1943
foet				TYPE OF USICL RIGUSED TATE RO
			wolled lass	WATER LEVEL: Stends 70_1
		alenim seq anoling <u>3</u>	in woll .	ARUTAW
1-11	200	HOLE SIZE 10money from _		YIELD TEST WARROW WITCHELL
had.	00 10 500	in the state of th	tet	
fost	d1		V <sub>0</sub>	n do hip980fl
11-1		SCREEN SIZE	01	pnsnnotamo
lmb1=1	101	mont sense		WATER JONES, Howell
1981			4000 - 1000	v) S = 2 mo v)
		CASE SIZE S inches from C	1001	(ron)(r)
1691	61	arent_leadoni	bood Say Sc	WATER, Color Clear
Tep.		Regrood	9×	
	100	Poured Poured		WELL TO SUPPLYITCHES one Hema -
1,41	O. I.L.	Material Coment Submersible		Form Town Service Service S
		PUMP: Type Submersible		inquatry Other Service S
ner min	100			WATER ANALYSIS TVINLABLE YELL
	11 () 29 WH		AT 10 EGGT	ORILL CUTTINGS SAVED" 1832 DRILL CUTTINGS SHOOLD BE DOLLECTED OFFICE EXPRESS COLUMNEL DASS
				THE WAR BY STATE OF THE STATE O
			*	