Page 1			VDMR	WELL NO.: 10	95	W WOIL 31
Date7/14	/64	_	Sampl	e Interval:	from 53	to 142
PROP: I.F. Sh	oemaker		Total	Depth 142	The second secon	
COMP: J. D. Palmore			Oil	Gas	_Water_ X	_Exploratory
COUNTY: Orange (Madison Run) VDMR Well No. W-1095				ngs <u>X</u> Coned Samples		ther
From-To	From-To	Fr	om-To	From-	-To	From-To
7	=		0-53 No s	amples -		-
-	-	5	3-60	-		-
-	_		0-70	-		-
-	-		0-80	-		_
	-	8	0-90 0-100	-		-
_	· · · · · ·	10	0-110	-		-
-	-	11	0 120	-		-
_	_	12	0-130	-		_
<u>-</u>			or 140	_		_
	3.00 <u>2.00</u>			_		2
\supset		14	0 142			
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7 10	-			_		
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7 -	_		-	-		_
	9.5		_			53
7	-		0	-		-
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-	-		-	-		7
-	-		-	-		-
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J -	-		-	-		-
127	428		70.91	22		

OWNER: Ira F. Shoemaker DRILLER: J. D. Palmore

WWCR #54 COUNTY: Orange (Madison Run) TOTAL DEPTH: 1421

VDMR #1095

GEOLOGIC LOG

0-53	No samples
53-60	Greenstone: Greenish-gray, major chlorite and quartz, minor epidote, calcite, mica, pyrite and magnetite; iron staining on quartz.
60-70	As above, with slight variation in relative mineral percentages.
70-80	As above, bluish-green.
80-90	As above
90-100	As above, greenish-gray.
100-110	As above (X-ray analysis: 35% quartz, 27% plagioclase, 20% chlorite, 8% mica, 5% calcite, 5% pyrite, epidote and magnetite).
110-120	As above
120-130	As above, with some vug quartz.
130-140	As above
140-142	As above

GEOLOGIC SUMMARY

ROCK UNIT

AGE

Catoctin formation

Precambrian

Virginia Division of Mineral Resources Garnet Gatlin, Geologist August 12, 1964