## INTERVAL SHEET

WWCR 517

Page	1		VDMR Well No.: Well No. 884		
Date	9/16/63		Sample Interv	val: from 20	to <u>190</u>
PROP:	W. O. Cool	ey #2	Total depth_	190	
COMP:	Sydnor		OilGas	Water_ <u>X</u> Explor	atory
COUNTY:	Rockingham	(Harrisonburg)	Cuttings X	CoreOther	
VDMR.	Well No: W	-884			
From-To			From-To	From-To	From-To
	20	2	_	- Insufficie	ent quantity
_	35	-	_		ial to wash.
-	50	-	_	-	_
-	65	-	-	-	-
-	80	-	-	-	-
_	95	_		_	_
-	100	_	-	_	_
-	120	-	· —	-	_
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OWNER: W. O. Cooley - Well #2

DRILLER: Sydnor Pump and Well Co., Inc.

COUNTY: Rockingham (Harrisonburg)

VDMR #884 WWCR#517 TOTAL DEPTH: 190'

## GEOLOGIC LOG

Lincolnshire	Limestone	(20-65")	1
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20	Limestone — medium-gray and brown, finely-crystalline limestone with minor veins of calcite; brown limonitic clay with coarse sand and rounded nodules of magnetite; trace pyrite.	
35	Limestone — light-gray, pinkish; very-fine-grained, soft, argillaceous; hematite stain; sparse bryozoans.	
50	Limestone — medium-gray, pinkish; finely-crystalline with calcareous mud; detrital fragments of limestone in limeston very minor veins of calcite with tiny pyrite crystals; trace magnetite; carbonaceous.	

Limestone — medium-dark-gray, dense, minor fine veins calcite; carbonaceous.

## New Market Limestone (80-190')

80	Limestone — dove-gray, dense, translucent; scattered "eyes" of calcite and minor veins; the "eyes" of calcite are probably fossils; very pure limestone, (spectrometric determination).		
95	As above.		
100	As above.		

120 As above.

As above — slightly darker; slightly more magnesium (spectrometric determination).

180 As above — slightly lighter.

190 As above — fractures with iron stains and clay.

## GEOLOGIC SUMMARY

	ROCK UNIT	TIME ROCK UNIT	
20-65	Lincolnshire Limestone	Ordovician	
80-190	New Market Limestone	Ordovician	

Virginia Division of Mineral Resources Hollis N. Walker, Geologist April 28, 1965