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INTERVAL SHEET

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VDMR WELL NO.: 486

Date 7/27/61

Sample Interval: from 10 to 567

PROP: H. A. Senger

Total Depth _____

COMP: Sydnor

Oil _____ Gas _____ Water X Exploratory _____

COUNTY: Augusta

Cuttings X Core _____ Other _____

From-To	From-To	From-To	WASHED SAMPLES From-To	From-To
-	10-20	300-310	10-20	310-320
-	20-30	310-320	-	320-330
-	30-40	320-330	-	330-340
-	40-50	330-340	-	340-350
-	50-60	340-350	-	350-360
-	60-70	350-360	M	360-370
-	70-80	360-370	I	370-380
-	80-90	370-380	S	380-390
-	90- <u>100</u>	380-390	S	390- <u>400</u>
-	-	390- <u>400</u>	S	400-410
-	100-110	400-410	I	410-420
-	110-120	410-420	S	420-430
-	120-130	420-430	S	430-440
-	130-140	430-440	I	440-450
-	140-150	440-450	N	450-460
-	150-160	450-460	G	460-470
-	160-170	460-470	-	470-480
-	170-180	470-480	160-170	480-490
-	180-190	480-490	170-180	490- <u>500</u>
-	190- <u>200</u>	490- <u>500</u>	180-190	Missing
-	200-210	500-510	190-200	
-	210-220	510-520	200-210	
-	220-230	520-530	210-220	510-520
-	230-240	530-540	220-230	520-530
-	240-250	540-550	230-240	530-540
-	250-260	550-560	240-250	540-550
-	260-270	560-567	250-260	550-560
-	270-280	-	260-270	560-567
-	280-290	-	270-280	-
-	290- <u>300</u>	-	280-290	-
-	-	-	290- <u>300</u>	-
-	-	-	300-310	-

COMMONWEALTH OF VIRGINIA
 DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT
 DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

WWCR 233
 VDMR 486

WATER WELL COMPLETION REPORT

OWNER: H. A. Senger Mailing Address: 1880 Talbott Place
 TENANT: _____ Mailing Address: Waynesboro, Va.
 DRILLER: Sydnor Pump & Well Co., Inc. Mailing Address: Richmond, Virginia
 WELL LOCATION: County Augusta, Greenville Approx. _____ ft. miles
 _____ (direction) of _____ and _____ ft. miles of _____
 (Give direction and distance in feet or tenths of mile from two reference points - roads, towns, rivers, etc. - on county highway or other map.)

WATER CONDITIONS

DEPTH

STATIC WATER LEVEL 170'

WATER ZONES (fissures or formations supplying water)

(from) _____ (to) _____ (from) _____ (to) _____
 _____ ft. _____ ft. _____ ft. _____ ft.

QUANTITY OF WATER

WELL PUMPED (or bailed) at 6.6 Gal. per Min. with
560 feet DRAWDOWN after 3 HOURS PUMPING.

FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground) **W**

REMARKS: Air lift test pumping

QUALITY OF WATER

COLOR o.k. TASTE o.k.

ODOR none OTHER _____

ANALYSIS: AVAILABLE - Yes No ATTACHED Yes No

TEMPERATURE _____
 WATER (from) _____ ft. (to) _____ ft.
 (salt, brackish, iron, sulfur, acid, other)

USE OF WATER: Domestic Town Industry Farm Public

CONSTRUCTION

RIG TYPE (or method) Air Rotary
 (rotary, cable, bored, driven, etc..)

DATE: Started 3-27-61; Completed 4-4-61

TOTAL DEPTH 568' ft.

BEDROCK at 130' ft.

GROUTING INFORMATION

METHOD USED Gravity

GROUTING MATERIAL cement & water

DEPTH OF GROUTING 140

HOLE SIZE

(diam)	(from)	(to)	(diam)	(from)	(to)
8 3/4 in	0	142	5 in	0	144
5 in	142	568			

CASING SIZE

SCREEN (or perforations)

(diam.)	(from)	(to)	(opening size)
_____ in	_____ ft.	_____ ft.	_____

PUMP (installed)

TYPE _____ . Cap. (gpm) _____

H.P. _____ . Depth of intake _____ ft.

REMARKS: _____

LOG

FURNISHED BY Sydnor Pump & Well Co., Inc.

DATE: 4-5-61

Rig 65

From Notes & log by driller John Mitchell-by Jesse Snyder, Jr.

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
0	1	Top soil	
1	5	yellow clay - sand-gravel	
5	7	red clay - sand- gravel	
7	18	red clay	
18	24	red clay-gravel	
24	130	yellow clay	
130	332	gray lime rock - (3" crack on soft place at 219' (2-3 GPM)	
332	337	yellow weathered limestone	
337	355	gray weathered limestone	
355	366	pink limestone	
366	372	gray limestone	
372	401	pink limestone	
401	417	gray limestone	
417	480	pink and gray limestone	
480	482'	pink limestone - 3.5 to 4 GPM	
482	500'	Gray limestone	
500	508	pink 7 gray limestone	
508	525	gray limestone	
525	530	pink limestone	
530	535	gray and white limestone	
535	553	gray limestone	
553	555	pink and gray limestone	
555	558	gray limestone	
558	568	pink and gray limestone	

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WELL LOCATION: County Augusta, GREENVILLE Approx. _____ ft. miles _____
(direction) of _____ and _____ of _____

(Give direction and distance in feet or tenths of mile from two reference points - roads, towns, rivers, etc. - on county highway or other map.)

WATER CONDITIONS

DEPTH, _____
STATIC WATER LEVEL 170
WATER ZONES (fissures or formations supplying water)
(from) (to) (from) (to)
ft. _____, _____ ft. _____
ft. _____, _____ ft. _____

QUANTITY OF WATER

WELL PUMPED (or bailed) at 6.6 Gal. per Min. with
560 feet DRAWDOWN after 3 HOURS PUMPING.
FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground) **W**

REMARKS: Air lift test pumping

QUALITY OF WATER

COLOR ok TASTE ok
ODOR None OTHER _____
ANALYSIS: AVAILABLE - Yes No ATTACHED Yes No
TEMPERATURE _____
WATER (from) _____ ft. (to) _____ ft.
(salt, brackish, iron, sulfur, acid, other)

USE OF WATER: Domestic Town Industry Farm Public

N

About 2 miles East from
Greenville Virginia -
At Sengers Mountain
Lake

E

CONSTRUCTION

RIG TYPE (or method) Air Rotary
(rotary, cable, bored, driven, etc...)
DATE: Started 3-2-61; Completed 4-4-61
TOTAL DEPTH 568' ft.
BEDROCK at 130' ft.

GROUTING INFORMATION

METHOD USED Gravity
GROUTING MATERIAL Cement & water
DEPTH OF GROUTING 140

HOLE SIZE

(diam) _____ in (from) _____ ft (to) _____ ft
5 7/8" in 0 ft 142 ft
5 142 568

CASING SIZE

(diam) _____ in (from) _____ ft (to) _____ ft
5 in 10 ft 144-6"

SCREEN (or perforations)

(diam.) _____ in (from) _____ ft (to) _____ ft (opening size)

PUMP (installed)

TYPE _____ Cap. (gpm) _____
H.P. _____ Depth of intake _____ ft.

REMARKS: _____

LOG

Rig 65

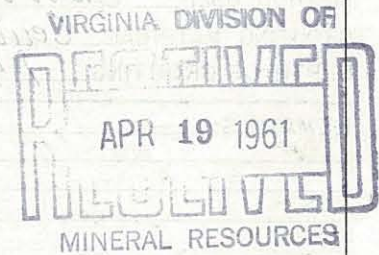
FURNISHED BY Sydnor pump & Well Co Inc

DATE: 4-5-61

From Notes & Log By Driller John Mitchell

By John Mitchell

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18	24	- Red clay - gravel	
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355	366	- pink limestone	
366	372	- Gray limestone	
372	401	- pink limestone	
401	417	- Gray limestone	
417	480	- pink and Gray limestone	
480	482	- pink limestone — 3.5 to 4 GPM	
482	500	- Gray limestone	
500	508	- pink & Gray limestone	
508	525	- Gray limestone	
525	530	- pink limestone	
530	535	- Gray & white limestone	
535	553	- Gray limestone	
553	555	- pink & gray limestone	
555	558	- Gray limestone	
558	568	- pink and Gray limestone	



*Samples & Log For Division of Min. Resources
Log copy Mr. E. G. Knick*