

INTERVAL SHEET

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VDMR WELL NO. 464

Date October 28, 1960

Sample Interval: from 10 to 330

PROP: Augusta County School Well #2

Total Depth 353

COMP: Sydnor

Oil Gas Water Exploratory

COUNTY: Augusta

Cuttings Core Other

From-To	From-To	From-To	From-To	From-To
10 - 20	-UNWASHED SAMPLES	-	-	-
20 - 30	-	-	-	-
30 - 40	-	-	-	-
40 - 50	-	-	-	-
50 - 60	-	-	-	-
60 - 70	-	-	-	-
70 - 80	-	-	-	-
80 - 90	-	-	-	-
90 - <u>100</u>	-	-	-	-
100 - 110	-	-	-	-
110 - 120	-	-	-	-
120 - 130	-	-	-	-
130 - 140	-	-	-	-
140 - 150	-	-	-	-
150 - 160	-	-	-	-
160 - 170	-	-	-	-
170 - 180	-	-	-	-
180 - <u>200</u>	-	-	-	-
200 - 210	-	-	-	-
210 - 220	-	-	-	-
220 - 230	-	-	-	-
230 - 240	-	-	-	-
240 - 250	-	-	-	-
250 - 260	-	-	-	-
260 - 270	-	-	-	-
270 - 280	-	-	-	-
280 - 290	-	-	-	-
290 - <u>300</u>	-	-	-	-
300 - 310	-	-	-	-
310 - 320	-	-	-	-
320 - 330	-	-	-	-

Not suff. samples to wash

Snyder ✓

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

Box 3667, University Station, Charlottesville, Virginia

VDMR# 464

Well No 2 WATER WELL COMPLETION REPORT

OWNER: Augusta County School Board Mailing Address: Staunton Virginia

TENANT: _____ Mailing Address: _____

DRILLER: Rig 65) Snyder pump and well Co Inc Mailing Address: Richmond Virginia

WELL LOCATION: County Augusta Approx. _____ ft. miles
(direction) of BUFFALO GAP 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 61'

WATER ZONES (fissures or formations supplying water)
(from) (to) (from) (to)
_____ ft. _____ ft. _____ ft. _____ ft.

QUANTITY OF WATER

WELL PUMPED (or bailed) at 2 1/2 Gal. per Min. with 3.50 feet DRAWDOWN after 7 1/2 HOURS PUMPING.

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

REMARKS: _____

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) School

USE OF WATER: Domestic Town Industry Farm Public

Near Buffalo Gap on
State Route 42
West side School site

CONSTRUCTION

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

DATE: Started 9-6-66; Completed 9-8-66

TOTAL DEPTH 353 ft.

BEDROCK at 24' ft.

GROUTING INFORMATION

METHOD USED Gravity

GROUTING MATERIAL Cement and water

DEPTH OF GROUTING _____

HOLE SIZE

(diam) (from) (to)
_____ in. _____ ft. _____ ft.
4 _____ 0 _____ 32
5 _____ 32 _____ 353

CASING SIZE

(diam) (from) (to)
_____ in. _____ ft. _____ ft.
5 _____ 0 _____ 54

SCREEN (or perforations)

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

PUMP (installed)

TYPE _____ Cap. (gpm) _____

H.P. _____ Depth of intake _____ ft.

REMARKS: Samples from Drilling and Log Furnished Dr. Calvers office Charlottesville, Va.

Log of well (over)

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

Box 3667, University Station, Charlottesville, Virginia

WWCR 192
VDMR 464

Well No. 2

WATER WELL COMPLETION REPORT

OWNER: Augusta County School Board Mailing Address: Staunton, Virginia
TENANT: _____ Mailing Address: _____
DRILLER: Rig 65) Sydnor Pump and Well Co., Inc Mailing Address: Richmond, Virginia
WELL LOCATION: County Augusta Approx. _____ ft. _____ miles
(direction) of Buffalo Gap and _____ ft. _____ miles
(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 61'

WATER ZONES (fissures or formations supplying water)

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

QUANTITY OF WATER

WELL PUMPED (or bailed) at 22 Gal. per Min. with #50 feet **DRAWDOWN** after 7 1/2 HOURS PUMPING.

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

REMARKS: _____

QUALITY OF WATER

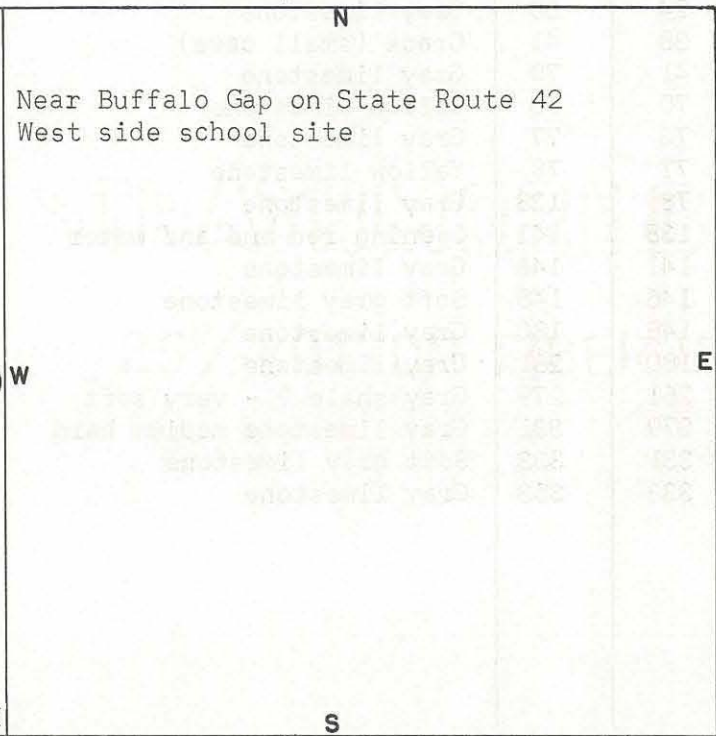
COLOR O.k. TASTE O.K.

ODOR none OTHER _____

ANALYSIS: AVAILABLE - Yes No ATTACHED Yes No

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

USE OF WATER: Domestic Town Industry Farm Public



CONSTRUCTION

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

DATE: Started 9-6-60; Completed 9-8-60

TOTAL DEPTH 353 ft.

BEDROCK at 24 ft.

GROUTING INFORMATION

METHOD USED Gravity

GROUTING MATERIAL Cement and water

DEPTH OF GROUTING _____

HOLE SIZE

(diam) in.	(from) ft.	(to) ft.	(diam) in.	(from) ft.	(to) ft.
9	0	52	5	0	54
5	52	353			

SCREEN (or perforations) (diam.) (from) (to) (opening size)

CASING SIZE

PUMP (installed)

TYPE _____ Cap. (gpm) _____

H.P. _____ Depth of intake _____ ft.

REMARKS: Samples from drilling and log furnished Dr. Calver's office, Charlottesville, Va.

LOG

FURNISHED BY Sydnor Pump and Well Co., Inc.

DATE: 9-8-60

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	5	Red clay	
5	14	Yellow clay	
14	19	Gray clay	
19	24	Broken limestone	
24	38	Gray limestone	
38	41	Crack (small cave)	
41	70	Gray limestone	
70	73	Yellow Limestone	
73	77	Gray limestone	
77	78	Yellow limestone	
78	138	Gray limestone	
138	141	Opening red mud and water	
141	146	Gray limestone	
146	148	Soft gray limestone	
148	180	Gray limestone	
180	261	Gray limestone	
261	279	Gray shale ? - very soft	
279	331	Gray limestone medium hard	
331	333	Soft gray limestone	
333	353	Gray limestone	