W-5365 C-114

## COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS: Box 3667

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

McCormick Road lottesville, VA 22903 WATER WELL COMPLETION DEPORT Charlottesville Virginia

OFFICE ADDRESS:

WATEN WELL O	OWIFEE TON REPORT CHARLEST, VIII SING
OWNER: Charles City County School Board	Mailing Address: Charles City, VA 23030
TENANT:	Mailing Address:
DRILLER: W. H. Gammon Well Co.	Mailing Address: Rt. 2, Box 125, Providence Forge,
WELL LOCATION: County Charles City	Approx. 1/4 miles W. (direction) of
Charles City C. H. and 300	feet S. be(direction) of Route #5
OUGHT THOMAS ON OTHER MAN, I	1.18 138 Gray mud, black sand, red nud
DATE STARTED: 1-27-77	DATE COMPLETED: 2-1-77
TYPE OF DRILL RIG USED: Rotary	feet HTG 30mid ATOL sand, shells
WATER LEVEL: Stands 64 feet metelow by	the second secon
	bum ber ,bum
And productive absolute productive and a second sec	gallons per minute of 222
YIELD TEST: Method Sub. Pump	HOLE SIZE: 8 inches from 0 to 331 feet
Drawdown feet	sq4 331 Water sand, sand clay teef
Rate 70 gal. per min.	inches fromtofeet
Duration 24 hrs.,min.	SCREEN SIZE: 3 inches from 311 to 331 feet
WATER ZONES: fromtofeet	inches fromtofeet
fromfeet	inches fromtofeet
fromtofeet	CASE SIZE: 4 inches from 0 to 311 feet
WATER: ColorTaste	inches fromtofeet
Odor°F	inches fromtofeet
WELL TO SUPPLY: (check one) Home	GROUTING: Method
FarmTownSchoolX	Material Depth feet
IndustryOther	PUMP: Type Submersible
WATER ANALYSIS AVAILABLE:YesNo	Capacity18gal. per min
DRILL CUTTINGS SAVED: Yes XX No DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISH	Depth of intake 126 feet INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS ED FREE OF CHARGE UPON REQUEST.)
R ARKS:	
C P TOTAL STATE AND ADDRESS AN	

COMPOSED THE PROPERTY OF THE FURNISHED BY:\_

FROM TO 23  O 23  Red & yellow clay, sand & small gravel Red sand & gravel Red sand, sand, sand Gray mud, black sand Gray mud, black sand Gray mud, black sand Gray mud, black sand, shells Gray mud, white mud, sand clay, green mud Sand clay, water sand, white mud, green mud, red mud Red mud Red mud Red mud Red mud, green mud, white mud, sand clay, water sand Water sand, sand clay	DEPTH (feet) TYPE OF ROCK OR SOIL PENETRATED		REMARKS		
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23 38 58 Red sand & gravel Red sand & gravel Red sand, gravel, blue sand, mud, shale Gravel, shale, sand, blue mud, salt & pepper sand Gray mud, black sand	0	23	Red & vellow clay, sand & smal	1 gravel	TWAVE
Red sand & gravel See 178	45-46				II. FW. W. H. Gammon Well Co.
Gravel, shale, sand, blue mud, salt & pepper sand  118	A STATE OF THE PARTY OF THE PAR	58			
pepper sand Gray mud, black sand Gray mud, black sand, red mud Gray mud, black sand Gray mud, white mud, sand clay, green mud Sand clay, water sand, white mud, green mud, red mud Red mud, green mud, white mud, sand clay, water sand Water sand Water sand Water sand Water sand, sand clay  OT  AS  All arcentes	58	78	Gravel, blue sand, mud, shale	V.	ELE COGATION CERTS Charles Cit
98 118 Gray mud, black sand 158 178 Gray mud, black sand 178 199 220 220 241 Sand clay, water sand, green mud 241 262 283 Red mud, green mud, white mud 262 283 Red mud, green mud, white mud, green mud, red mud 304 331 Water sand Water sand Water sand Water sand Water sand Water sand, sand clay Water sand Wa	78		Gravel, shale, sand, blue mud,	salt &	
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## VIRGINIA DIVISION OF MINERAL RESOURCES Box 3667, Charlottesville, VA 22903

## INTERVAL SHEET

Page	l of	1		Well Repository No.:	C-114 W- 5365	
Date rec	'd: 11/1/	78 Date Processed:	1/8/79	Sample Interval: from	0	to: 324
PROPERTY	: County	School Board		Number of samples:	17	
COMPANY:	W. H. (	Gammon		Total Depth:	331	

Charles City (Charles City C.H.)

COUNTY:

Oil or Gas: Water: XX Exploratory:

From-To	From-To	From-To	From-To	From-To
0-23	_	: <b>-</b> -	. <del></del>	· <u></u>
23-38	_	-		-
38-58	-	_	_	_
58-78	-	_	_	_
_	_	_	_	_
78-98	-	_	=	=
98-118	_	_		=
118-138	_	_	_	-
138-158	_	-	_	_
158-178	<u>-</u>	_	-	_
178-199	_,	_	-	=
199-230	-	<b>-</b> ,	-	
230-251	_	_	-	) <del>=</del>
251-272	_	<b>-</b> :	: <b>-</b> :	, <b>-</b>
272-293	_	_	_	-
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293-314	-	_	_	_
298-304	_	i <del>-</del>	_	-
304-324	_		_	, <u>-</u>
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All samples have both washed and unwashed samples.

Owner:	County School Board
Driller:	W. H. Gammon
County:	Charles City

C# 114
Total Depth: 331'
Quad: Charles City
Elev: 45'

W# 5365

Depth	WELL LOG
(feet)	
0-23	Sand, Clayey - dark yellow orange (10YR 6/6), abundant clay clasts, fine to granule, subangular; moderate sorting; quartz; 3% fine black phosphatic fragments; garnet; mica.
23-38	Sand - as above, except: sparse clay.
38-58	Gravel - mixed white, yellow and brown, granules greater than 8mm.
58-78	Sand, Clayey - grayish olive (10Y 4/2); large clay clasts, dark gray, light gray and tan; sand as above, plus large granules as above; 30% glauconite, 3% shell fragments; 1%+forams - Quinqueloculina; Guttulina; Bolivina; Gyroidina; Lagena (2); Nonion; 1% ostracods; 1% echinoderm spines.
78-98	Sand, Clayey - moderate yellow gray (5Y 7/1); abundant clay; on washed sample - as above, but clay still very abundant and obscuring other material. Forams - Quinqueloculina; Guttulina; Bolivina; Gyroidina; Lagena (2); Marginulina; Siphogenerina; Discorbis; 3%+.
98-118	Clay, Sandy - olive gray (5Y 4/1); abundant clay and clasts; sparse sand; medium to very coarse; poorly sorted; quartz; 60% glauconite - dark green; 7% fine shell fragments; forams, ostracods, coral; mica.
118-138	Clay - moderate pink brown (5YR 5/4) and clasts of light brown (5YR 6/4); abundant clasts and "pellets;" very sparse sand - as above; 10% glauconite; some shell fragments; pyrite on quartz fragment.
138-158	Sand, Clayey - olive gray (5Y 4/1); plus fragments of above color; clay coated quartz sand; clay clasts of both colors; abundant sand - medium to coarse, subangular; poor sorting; quartz; 50%+ glauconite; 1% muscovite; forams - Guttulina; Nonion; Quinque; ostracods.
158-178	Sand, Clayey - as above, except: 80%+ glauconite; forams; ostracods; 2% mica.
178-199	Sand, Clayey - dark olive gray (5Y 3/1); as above, except: very sparse sand, some granules; 90%+ glauconite; 8% shell fragments; forams; ostracods; garnet.

		C# 114
Depth (feet)		
199-230	Sand - yellow olive gray (5Y 7/2); moderate collasts, moderate silt; very fine to pebble; sorted; quartz; 30% glauconite; sparse forams	ubangular; poorly
230-251	Sand - as above, except: abundant clay and is glauconite; sparse forams; feldspar.	n clasts; 10%
251-272	Sand - medium yellowish brown (10YR 5/2); clacolors - red; orange; white; gray; very fine sorting; quartz; 8% glauconite; some forams - ostracods; mica; garnet.	to granule; poor
272-293	Clay - moderate brown (5YR 4/6); abundant cla and light gray color: sparse sand as above; 5 bone; garnet; mica.	
293-304	Sand - light olive gray (5Y 6/1); medium to v angular; moderately well sorted; quartz - fro	
304-324	Sand - as above, except: medium to pebble.	
324-331	No Sample.	

Owner: County School Board -2-

Logged by: J. K. Polzin June 5, 1980

W# 5365