W-3120 C-409

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

Box 3667 JAMES L. lottesville, VA 22903 WATER WELL

JAMES L. CALVER, COMMISSIONER
WELL COMPLETION REPORT

McCormick Road Charlottesville, Virginia

OFFICE ADDRESS:

OWNER:Town of Ivor	. Mailing Address:Ivor, VA
TENANT:	
DRILLER: Layne Atlantic	Mailing Address:
WELL LOCATION: CountySouthampton	Approx (direction) o
and	feet(direction) of
	TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC ON
	DATE COMPLETED: Oct. 1, 1970
TYPE OF DRILL RIG USED:	TOTAL DEPTH 516 feet
WATER LEVEL: Standsfeet below	
has <u>NATURAL</u> flow of_	gallons per minute.
YIELD TEST: Method	HOLE SIZE:inches fromtofeet
Drawdownfeet	tnches fromtofeet
Rategal. per min.	inches fromtofeet
Durationhrs.,min.	SCREEN SIZE:inches fromtofeet
WATER ZONES: fromtofeet	inches fromtofeet
fromtofeet	inches fromtofeet
fromtofeet	CASE SIZE:inches fromtofeet
WATER: ColorTaste	inches fromtofeet
Odor°F	inches fromtofeet
WELL TO SUPPLY: (check one) Home	GROUTING: Method
Farm Town School	Material Depth feet
IndustryOther	PUMP: Type
WATER ANALYSIS AVAILABLE:YesNo	Capacitygal per min
DRILL CUTTINGS SAVED: YesNo (DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISH	
R ARKS:	

FURNISHED BY:

DATE:

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED		REMARKS	
FROM	ТО	(gravel, clay, etc., hardness, cold	or, etc.)	(water, caving, shot, screen, sample, etc.)	
0 2	2 12	Top soil Yellow clay			
12	24	Gray clay w/coarse sand, lg. rocks		see eye layar lelandic	
24	89	Blue clay & shell		Southannin	
89	131 131'3"	Blue clay & shell, salt & pepper sand			
131 131'3"	150	Hard shell Tight blue clay, slow			
150	200	Clay, shell, salt & pepper sand			
200	270	Chalk & green clay, coarse sand & gravel		The second of th	
270	320	Coarse sand, gravel, some clay hard and		1970 10, 1970	
		rough, very slow	A see grown and a see	When we have " lile dro less	
320	410	Coarse sand, gravel, white sandy clay		and the second second second second	
410	435	Coarse sand and gravel with s some clay, slow & rough	ome snell,		
435	455	Chalky clay, coarse sand, shells		management of the state of the	
455	516	Chalky brown clay, coarse sand			
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(Use additional forms if necessary)

VIRGINIA DIVISION OF MINERAL RESOURCES Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

C-409 Page 1 of 1 Well Repository No.: W-3120 Date rec'd: 3/15/71 Date Processed: Sample Interval: from 2 to: 516' 4/2/71 PROPERTY: Town of Ivor #2 Number of samples: 52* COMPANY: Layne Atlantic Total Depth: 516' COUNTY: Southampton (Ivor) Oil or Gas: Water:XX Exploratory: From-To From-To From-To From-To From-To NO - SAMPLES 2-12 97-121 191-211 231-241 271-NO - SAMPLES

All intervals have both washed and unwashed samples. *Threw away 47 samples - couldn't identify depth intervals.

Elev: Depth WELL LOG (feet) 0-2 No Sample. 2-12 Sand - pale grayish orange (10YR 8/4); sparse clay in sand clasts; medium to very coarse, subangular, moderate sorting; rare iron oxide fragments. 12-97 No Sample. 97-121 Coquina Sand - light and dark gray - 50% shell fragments; 50% sand - very fine to medium, subangular, moderate sorting; sparse clay; 3% glauconite. 121-191 No Sample. 191-211 Glauconitic Sand - olive black (5Y 2/1); 95+% glauconite medium grained; 1-2% quartz sand, medium, subangular, moderate sorting; sparse shell fragments. 211-231 No Sample. Glauconitic Sand - dark and light gray - 50% glauconite -231-241 medium grained; quartz sand, very fine to granule, subangular to subround, poorly sorted; very sparse shell fragments; mica; few green clay clasts with glauconite embedded in them. 241-271 No Sample. Sand - "dark and light gray" - fine to granule, subangular 271 to angular, poor sorting; 30% glauconite; very sparse fossils; mica; garnet. 271-516 No Sample.

Ivor Township #2

Layne Atlantic

Southampton

Owner:

Driller:

County:

Logged by: J. K. Polzin July 31, 1980

W# 3120

Total Depth: 516'

C# 409

Quad: