W#: 4842 C#: 200

### COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS: DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

JAMES L. CALVER, COMMISSIONER

BC 3667

JAMES L. CALVER, COMMISSIONER

McCormick Road

C. Jottesville, VA 22903 WATER WELL COMPLETION REPORT Charlottesville, Virginia

C. SHOTHING, THE TOTAL OF THE CO.	
OWNER: Warren E. Dunlevy #2	2435 Old Bermuda Hundred Rd.  Mailing Address: Chester, Va. 23831
TENANT:	Mailing Address
DRILLER: Mitchell's Well & Pump Co.	16815 Happy Hill Rd.  Mailing Address Colonial Heights, VA. 23834
WELL LOCATION County Prince George Kings Subdivision, Bickens In. Well #2 Lot 3. Blk. B. Section 3	Approxfeet
	TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC ON
DATE STARTED: Feb. 1977	DATE COMPLETED: Feb. 1977
	TOTAL DEPTH 115 feet
WATER LEVEL: Stands 12 feet below	surface <u>OR</u>
has <u>NATURAL</u> flow of_	gallons per minute.
YIELD TEST: Method Pumped	HOLE SIZE: 7inches fromOto12feet
Drawdown 86'9" feet pump pipe used, took no air Rate 12 gal. per min.	
Duration 4 hrs., min.	SCREEN SIZE:inches fromtofeet
WATER ZONES: fromtofeet	inches fromtofeet
fromtofeet	inches fromtofeet
fromtofeet	CASE SIZE: 4 inches from +1 to 106'4" feet
WATER: ColorTaste	inches fromtofeet
Odor°F	inches fromtofeet
WELL TO SUPPLY: (check one) HomeX	GROUTING: Method
FarmTownSchool	Material Cement & sand Depth 12 feet
IndustryOther	PUMP: Type
NATER ANALYSIS AVAILABLE: YesNo	Capacitygal per min
DRILL CUTTINGS SAVED: 11 Yes_X_No DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISH	Depth of intakefeet INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS IED FREE OF CHARGE UPON REQUEST.)
MARKS:	

LOGTINEWACHEON

FURNISHED BY:\_\_\_\_\_\_DATE:\_\_\_\_\_

	THASTIGIAST	TYPE OF BOCK OR SOUL PENE	TRATED	REMARKS	
FROM FROM	TO	TYPE OF ROCK OR SOIL PENETRATED  Abunta (gravel, clay, etc., hardness, color, etc.)		(water, caving, shot, screen, sample, etc.)	
0 10	10 86020 AV	Orange dirt		ENANT J. J. Mitchell, Jr. RILLER _ Nitchell's Vell & Pump C	
20 30	30 50	Ditto Gray dirt	70	ELL LOCATION COMP Prince Geor ings Subdivision, Bickens Ln. Wel Lot 3, BlE. B, Section 3	
50 70	70 80	Gray dirt & shells Dark gray dirt	MEN'S STAN	NAME OF STREET OF THESE OF STREET OF STREET STREET OF STREET MARKET WARRANT OR STREET MARKS	
90	90	Gray dirt & shell fragments Gray sand & gravel	Inori s	AYE STARYED! <u>Reb. 1977</u> YAS OF ORILL RIG URFO Cable	
			A3,74 C74	ATER LEVEL STREET PATER	
	00	They have IZTIBARS BROKE		ELO TEST Menna Pumped	
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# VIRGINIA DIVISION OF MINERAL RESOURCES Box 3667, Charlottesville, VA 22903

### INTERVAL SHEET

Page 1 of 1 Well Repository No: W#: 4842

C#: 200

Date rec'd: 4-26-77 Date Processed: 8-9-77 Sample Interval: from: 0to: 110

PROPERTY: Warren E. Dunlevy #2 Number of samples: 11

(Kings Subdivision)

COMPANY: Mitchell W & P Co. Total Depth: 115'

COUNTY: Prince George Oil or Gas: Water & Exploratory:

From	m-To	From-To	From-To	From-To
0 - 10 - 20 - 30 - 40 -	10 20 30 40 50	-	- - - -	, <del>-</del> , <del>-</del> -
0 - 60 - 70 - 80 - 90 -	60 70 80 90 100	-	- - - -	- - - -
100 -	110	-	- - - -	- - - -
-	, and the second se	- - -	- - -	-
-		-	- - - -	

Both washed and unwashed samples.

OWNER: Warren E. Dunlevy #2

(Kings Subdivision)

DRILLER: Mitchell W & P Co.

COUNTY: Prince George

W#: 4842 C#: 200

TOTAL DEPTH: 110'

## GEOLOGIC LOG

# Depth (feet)

- 0-10 Sand dark yellowish orange; abundant clay; fine to coarse grained; subangular to subrounded; moderately sorted; quartz; feldspar; few grains of glauconite.
- 10-20 Sand yellowish orange; moderate clay; fine to medium grained, some coarse grains, few granules; subangular to subrounded; moderately sorted; quartz; feldspar; few grains of glauconite; few opaques; muscovite.
- 20-30 Sand very dark yellowish orange; heavily stained, moderate clay; medium to coarse grained, some fine grains, some granules, few pebbles; subangular to subrounded; poorly sorted; quartz; feldspar; some glauconite.
- 30-40 Sand light olive gray; moderate clay; fine to medium grained; subangular to subrounded; well sorted; quartz; some glauconite; feldspar.
- 40-50 As above except moderately well sorted; few shell fragments.
- 50-60 Sand light olive gray; slightly clayey; fine to medium grained; subangular to subrounded; well sorted; quartz; 25% shell fragments; 2% black phosphatic material; some glauconite.
- 60-70 As above except 35% shell fragments; few spines.
- 70-80 Sand olive gray; moderate clay; very fine to fine grained; subangular to subrounded; well sorted; quartz; 3% glauconite; some black phosphatic material; few shell fragments.
- 80-90 Sand light gray; moderate clay; fine to medium grained; subangular to subrounded; moderately well sorted; quartz; 5% shell fragments; 2% glauconite (black, brown); some black phosphatic material; some spines.
- 90-100 Sand white; coarse grained to granular, few pebbles; subrounded; moderately sorted; quartz; feldspar.
- 100-110 Sand white; coarse to very coarse grained, some medium grains, some granules; subrounded; moderately sorted; quartz; feldspar; pyrite.

Logged by: Michael T. Currie

OWNER: Warren E. Dunlevy #2

(Kings Subdivision)

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W#: 4842

# GEOLOGIC SUMMARY

Depth (feet)	Thickness (feet)	Rock Unit	Time Rock Unit
0-30	30	Moorings "Unit"	Pleistocene
30-90	60	Calvert Formation	Miocene-Eocene
90-110	20+	Patuxent Formation	Cretaceous

VIRGINIA DIVISION OF MINERAL RESOURCES David A. Hubbard, Jr., Geologist September 11, 1978