W#: 2667 C#: 190

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

B 3667

JAMES L. CALVER, COMMISSIONER

McCormick Road

C. Nottesville, VA 22903 WATER WELL CO	OMPLETION REPORT Charlottesville, Virginia
	Attn: Mr. M. M. Cole Mailing Address: P. O. Box 4099, Richmond, VA 23224
TENANT: City Service Oil Company	Mailing Address: P. O. Box 4999, Richmond, VA 23224
DRILLER Mitchell's Well & Pump Company	Rt. 1, Box 110 Mailing Address Col. Heights, VA 23834
WELL LOCATION: CountyChesterfield Vicinity Indian Hills Motel at Walthal Lodge exoff Toll RD. # 95andand	Approxfeet
(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TO COUNTY HIGHWAY OR OTHER MAP.)	
DATE STARTED: August 1969	DATE COMPLETED: August 69
TYPE OF DRILL RIG USED: Cable tool	TOTAL DEPTH 132 1/2 feet
WATER LEVEL: Stands 42 feet below	
has <u>NATURAL</u> flow of_	gallons per minute.
YIELD TEST: Method Pumped	HOLE SIZE: 8 inches from 0 to 26 feet
Drawdown 40 feet	6_inches from _26 to 132_1/2eet
Then pumped at Rate of 20 gal. per min.	inches fromtofeet
Duration 4 hrs., 30 min.	SCREEN SIZE:inches fromtofeet
WATER ZONES: from 125 to 132 ? feet	inches fromtofeet
fromtofeet	inches fromtofeet
fromtofeet	CASE SIZE: 4 1/4 inches from 0 to 125'5" feet
WATER: Color_clearTuste_good	inches fromtofeet
Odor <u>none</u> Temp°F	inches fromtofeet
WELL TO SUPPLY: (check one) Home	GROUTING: MethodPumped
Farm Town School	Material Cement & water Depth 26 feet
IndustryOther_service station	PUMP: Type Submersible
WATER ANALYSIS AVAILABLE:YesNo_X_	Capacity3/4 HPgal_per_min
DRILL CUTTINGS SAVED: 13 Yes X No	ED FREE OF CHARGE UPON REQUEST.)

FURNISHED BY: Mitchell's Well & Pump Company DATE: 8/27/69

10	DEPTH (feet)		TYPE OF ROCK OR SOIL PENETR	ATED REMARKS
10	FROM	0.1.07		etc.) (water, caving, shot, screen, sample, etc.)
20 30 Red mud 30 40 Green mud 40 50 Black mud and sand 50 60 Sand and gravel 50 90 90 100 Black sand 100 110 Black and white sand 110 120 White sand 120 132 4 White sand 50 50 50 50 50 50 50 50 50 50 50 50 50 5	0 1	7 10 110	Red clay & mud	NANT Lity Service Oll Stells
30	10	20	Red mud and clay	HILER Mitchell's Welf & Pump Company
Green mud Black mud and sand Sand and gravel S	20	30	Red mud	are to even and
Sand and gravel Sand and grave	30	40	Green mud	
Sand and gravel Sand and grave	40	50	Black mud and sand	5 . 20 E
Sand and gravel Sand a	50	60	Sand and gravel	RDAY COUNTY NO 1351 NO 30KA100 OF4 PATCOUNT 3V
Sand and gravel 90 100 Black sand 110 120 White sand 120 132 % White sand 120 132 % White sand 121	60	70	Sand and gravel	TE STARTET August 1969
Sand and gravel 90 100 Black sand Black sand Black and white sand Black and white sand Black and white sand Black sand	70	80	Sand and gravel	ą.
Black and white sand White sand White sand During date at Mark 20 miles During date at Mark	80	90	Sand and gravel	Time Treat sign of State State 30 34.
### STEP White sand White s	90	100	Black sand	STER LEVEL STORIS AS
TER CARE Tark Tar	100	110	Black and white sand	No work DARDIAN TON
### ANALYSIS EVEL 12	110	120	White sand	Former C
Dumped at Holo of 20 198 10 10 10 10 10 10 10 1	120	California - Calif		50
Daretton A Nrs. 30 10 32.2 10 12.5 10 12.5 10 12.2 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 10 10 10 10 10 10 1	and EX.L.	DE I. 41	Entered process and English	11400 1140 000000
TER ZONES, from 125 to 132 7 test	feet	01	most garani	n pumped at Bala of 20 14 par 400
rgm	to st	01	SOREEN SIZE	Ourchen A., and 30 mo
tron locate Team locate State 4 1/4 cases trans 1 to 122 157 [ccc] Cate name case Team locate trans t	1891	81	nervax_tren	TER ZONES, Iron 125 to 132.7 test
TER CURPLE CORRECTIONS CHOIL DOR CORRECTIONS Furm Toya Stand Industry Other Service Station TER ANALYSIS AVAILABLE VICE VICE AND CORRECTS AND PROCESS AND PROC	7 = 1	01		1 6 ± 2
LL TO SUPPLY square service station Town Town Service station Industry Submermible TER ANALYSIS AVAILABLE will be serviced and supplied to the service station of the service statio	157 (ee)	0	CASE 912E 4 1/4 cover tree	7.491
LL TO SUPPLY square service station Town Town Service station Industry Submermible TER ANALYSIS AVAILABLE will be serviced and supplied to the service station of the service statio	(4.1	9 !		TER Cuty clearTest _ qood
Furm Town 25 1441 Industry Other service station PUMP Type Submerrible TER ANALYSIS AVAILABLE WE FIND WE HAVE A SUBMER SUBMER OF THE FOLLOWING SAYS OF THE SUBMER	to 91			Cates_noneTamp
TER ANALYSIS AVAILABLE TO TO X COORDY 3/4 HP GOT FOR THE CUTTINGS SAVED 13 Y-1 X TO THE SHOPED TO THIS SHOPED TO THIS				LL TO SUPPLY Letters well-rims
TER ANALYSIS AVAILABLE VI	1001	. n 26_	ware at Cement, & waterne	Furm
LL CUTTINGS SAVED 13 very ver and the state of the state			PUMP Type Submersible	lodovico 011 cc. service station
THE CONTINUE SHOOL IN CONTINUES TO SHOOL THE SHOOL SHO	n o ing	105	Consess, 3/4 HP	TER ANALYSIS AVAILABLE W
	TRILS	T 11399/H2		ILL CUTTINGS SAVED IS VALX NEL CUTTINGS SHOULD BY ISSUED WITE TO SEE FILE FILE SAPRESS COLLEGE MANNES SAME AND SUPERS

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

. . .

INTERVAL SHEET

Page 1 of 1 Well Repository No: W#: 2667 C#: 190

Date rec'd: 9-23-69 Date Processed: Sample Interval: from: Oto: 132½

PROPERTY: City Service Oil Co. Number of samples: 13

COMPANY: Mitchell's Well & Pump Co. Total Depth: 132½'

COUNTY: Chesterfield Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
0 - 10 10 - 20 20 - 30 30 - 40 40 - 50	- - - -	- - - -	- - - - -
70 - 60 70 - 70 70 - 80 80 - 90 90 - 100	- - -	- - - -	- - - -
100 - 110 110 - 120 120 - 132½ -	- - - -	-	- - -
- - - -	- - - -	- - - -	- - - -
- - -	- - -	- - - -	- - - -

All intervals have both washed and unwashed samples.

OWNER: Cities Service Oil Co.

DRILLER: Mitchell's W & P COUNTY: Chesterfield

W#: 2667 C#: 190

TOTAL DEPTH: 132 1/2'

QUAD.: Chester

GEOLOGIC LOG

Depth (<u>feet</u>)	
0-10	Sand — dark yellowish orange; slightly clayey; fine to very coarse grained, 2% granules; subangular to subrounded; moderately sorted; quartz; feldspar; few opaques; few grains of glauconite.
10-20	Clay — yellowish gray; abundant sand; fine to coarse grained, some granules; subangular to subrounded; moderately sorted; quartz; feld-spar; few grains of glauconite; muscovite.
20-30	Sand — pale yellowish orange; slightly clayey; medium to very coarse grained, some fine grains, some granules; subangular to subrounded; moderately sorted; quartz; feldspar; few grains of glauconite.
30-40	Sand — dusky yellow green; moderate clay; fine to medium grained, some coarse grains, some granules, few pebbles; subangular to rounded; moderately sorted; quartz; 20% glacuonite; few grains of feldspar.
40-50	Sand — olive light gray; moderate clay; fine to coarse grained, 15% granules, 10% pebbles; subangular to subrounded; poorly sorted; quartz; feldspar; 15% glauconite; muscovite; few grains of garnet.
50-60	Granules — off white; moderate coarse to very coarse grained sand, 70% granules, 5% pebbles; angular to subrounded; moderately well sorted; quartz; feldspar; few grains of glauconite.
60-70	Sand — white; coarse grained to granular, few pebbles; angular to subrounded; moderately sorted; quartz; feldspar; some glauconite.
70-80	As above except slightly clayey.
80-90	As above except few grains of glauconite.
90-100	Sand — white; medium grained to granular, some pebbles; angular to subrounded; poorly sorted; quartz; feldspar; 7% glauconite; few grains of garnet.
100-110	As above.
110-120	Sand — white; medium to coarse grained, some granules; subangular to subrounded; moderately well sorted; quartz; feldspar; 2% glauconite; some muscovite; few grains of garnet.

Logged by: Michael T. Currie