COMMONWEALTH OF VIRGINIA

W#: 5191 C#: 225

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

B 3667

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:

McCormick Road

Charlottesville, VA 22903 WATER WELL COMPLETION REPORT

Charlottesville, Virginia

ALEO THE STATE OF	2010 LE FIOTA INEL OIL
OWNER: Second Church of Christ	Mailing Address: River Road Richmond VA
	Mailing Address:301 Jefferson Davis Hwy.
DRILLER: Atlantic Pump & Equip. Co., Inc.	**
WELL LOCATION: County Henrico	Approx. 1000 XXXXX West (direction) o
Parham Road ond	feet(direction) of <u>on River Road</u>
(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM COUNTY HIGHWAY OR OTHER MAP.)	TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC ON
DATE STARTED: 3/3/78	_DATE COMPLETED: 3/17/78
TYPE OF DRILL RIG USED: Air Rotary	TOTAL DEPTH 400 feet
WATER LEVEL: Stands 80 feet below	surface <u>OR</u>
has <u>NATURAL</u> flow of	gallons per minute.
YIELD TEST: MethodPump	HOLE SIZE: 11 inches from 0 to 107 feet
Drawdown 378 feet	
Rate <u>3 3/4</u> gal. per min.	inches fromtofeet
Duration48_hrs.,min.	SCREEN SIZE:inches fromtofeet
WATER ZONES: from 125 to feet	inches fromfeet
from 247 to feet	inches fromtofeet
fromtofeet	CASE SIZE: 6 inches from 0 to 107 feet
WATER: ColorTaste	inches fromtofeet
Odor	inches fromtofeet
WELL TO SUPPLY: (check one) Home	GROUTING: Method
Farm Town School	Material Depth53feet
IndustryOther_Church	PUMP: Type Submersible
WATER ANALYSIS AVAILABLE:Yes_X_No	Capacitygal_per_min
DRILL CUTTINGS SAVED: Yes X No DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISH RARKS:	

COMPREMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT FURNISHED BY:____ ___DATE:_

Delaw Surface QR	ORILLER Atlantic France & Equip. Co., VELL, LOCATION Congress Henrico
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PATERNAL DESCRIPTION OF THE SECONDARY	VELL TO SUPELVI (educations) Heres
	SeemTownSenee
PUMP' vype Submersible	doubles Charch
	ANALYSIS AVAILABLE TO X
	RILL CUTTINGS SAVED Yes X
THE PROPERTY AND ARREST MAY BE SHOPED THE FREE PARTY OF THE PROPERTY OF THE PR	DELES COLLANDS SHOWED BE COLLECTED AT
	- EXBAQ

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

INTERVAL SHEET

Page	e 1	of	1			Well Repository	No: W#: 5191 C#: 225	
Date	e rec'	d: 7/6/78	Date	Processed:	7/11/78	Sample Interval:	: from:0to: 400	
PROI	PERTY:	Second Chur	ch of	Christ		Number of sample	es: 36	
COME	PANY:	Atlantic P 8	E Co.			Total Depth: 40	00'	
COUN	TY:	Henrico (Ric	hmond)			Oil or Gas: Wate	er: Exploratory:	:
Fron	n-To	Fro	m-To		From-To	From-	Го	
0 _	10	250 _	260		_	_		
10 _		260 -			_	_		
20 _	30	270 _			-	<u>~</u>		
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200 -		_			-	=		
210 -					-			
220 -	230	=======================================			7=	M		

Unwashed samples only.

230 - 240 240 - 250

OWNER: 2nd Church of Christ DRILLER: Atlantic P & E Co. COUNTY: Henrico

W#: 5191 C#: 225

TOTAL DEPTH: 400' QUAD.: Bon Air

GEOLOGIC LOG

Depth (feet)	
0-10	Clay — light brown, light yellowish gray; abundant sand; fine to coarse grained, some granules, few pebbles; subangular to subrounded; moderately sorted; quartz; feldspar; few opaques.
10-20	Sand — dark yellowish orange; moderate clay; coarse to very coarse grained, some medium grains, 7% granules, some pebbles; subrounded; moderately sorted; quartz; feldspar; some opaques; few grains of glauconite.
20-30	Clay — white, light brown; abundant sand; medium to coarse grained, some granules; subangular to subrounded; moderately well sorted; quartz; feldspar; some muscovite.
30-40	Clay — white; some quartz sand; few flakes of muscovite.
40-50	Clay — white; moderate sand; medium to coarse grained, some fine grains, few granules; subangular to subrounded; moderately well sorted; quartz; feldspar; some muscovite; few opaques.
50-100	Granite (rotten) — moderate orange pink; slightly clayey; quartz; feldspar; 3% biotite; some muscovite.
100-110	No sample.
110-120	As 50-100 except some biotite.
120-130	As above.
130-140	Granite — pinkish gray; quartz; feldspar; 5% biotite; some muscovite.
140-150	As above.
150-160	No sample.
160-170	Granite — pinkish gray; quartz; feldspar; 7% biotite; few flakes of muscovite.
170-180	As above except 12% biotite; few grains of pyrite.
180-190	Granite — pinkish gray; equigranular; quartz; feldspar; 10% biotite; some muscovite.

Depth (feet)

- 190-200 As 180-190 except 7% biotite.
- 200-210 Granite light gray, moderate orange pink; equigranular; quartz; feldspar; 5% biotite; few flakes of muscovite.
- 210-220 Granite pinkish gray; equigranular; quartz; feldspar; 5% biotite; some muscovite.
- 220-230 As above except 3% biotite.
- 230-240 As above.
- 240-250 Granite light gray, moderate orange pink, white; equigranular; quartz; feldspar; 5% biotite; some muscovite.
- 250-260 Granite white; quartz; feldspar; 5% biotite; some muscovite.
- 260-270 Granite white; quartz; feldspar; 10% biotite; few flakes of muscovite.
- 270-280 Granite off white, black; quartz; feldspar; 15% biotite.
- 280-290 Granite grayish pink; quartz; feldspar; 10% biotite; few flakes of muscovite.
- 290-300 As above.
- 300-310 As above except moderate orange pink.
- 310-320 Granite grayish pink; equigranular; quartz; feldspar; 7% biotite; few flakes of muscovite.
- 320-330 As above.
- 330-340 As above except 10% biotite.
- 340-350 As above.
- 350-360 Granite moderate orange pink, light gray; equigranular; quartz; feldspar; 5% biotite; few flakes of muscovite.
- 360-370 Granite grayish orange pink; quartz; feldspar; 10% biotite; some muscovite.
- 370-380 Granite grayish pink; quartz; feldspar; 7% biotite; few flakes of muscovite.
- 380-390 As above except 12% biotite.
- 390-400 As above except 7% biotite.

Note: All samples are unwashed.

Logged by: Michael T. Currie

GEOLOGIC SUMMARY

Depth (feet)	Thickness (feet)	Rock Unit	Time Rock Unit
0-50	50	Columbia Group	Pleistocene
50-400	350	Petersburg Granite	Paleozoic (?)

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

December 4, 1978