## COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W#: 4165 C#: 206

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

B 3667 Charlottesville, VA 22903 JAMES L. CALVER, COMMISSIONER

WELL

WATER

COMPLETION REPORT

OFFICE ADDRESS:
McCormick Road
Charlottesville, Virginia

OWNER: Chesterfield County	Mailing Address:	97 M053
TENANT Bright Oaks Corp. #2		
DRILLER: Moseley & Nash Ent., Inc.	Near Lake Gasten Mailing Address Blackridge, Va.	
WELL LOCATION County Chesterfield	Approx. 4000 feet east	(direction) of
State Route 602 and 50	feet Southsan (direction) of	State Route 630
(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TO COUNTY HIGHWAY OR OTHER MAP.)	( FOTH DUTTER TH	Total alla
DATE STARTED: 6/11/74	DATE COMPLETED by trace 6/13/74	220 270
TYPE OF DRILL RIG USED: Air Rotary	granite (mixed color) HT930 LATOT	
WATER LEVEL: Standsfeet below	surface <u>OR</u>	
has <u>NATURAL</u> flow of_	gallons per minute.	
YIELD TEST: Method Air*	HOLE SIZE: 11 inches from	
Drawdown feet	6inches from	55to _370feet
Rate Approx.*gal. per min.	inches from	tofeet
Durationhrs.,min.	SCREEN SIZE:inches from	to feet
WATER ZONES: from 110 to 135 feet	inches from	tofeet
from 220 to 236 feet	inches from	tofeet
fromtofeet	CASE SIZE:6_inches from	
WATER: ColorToste	inches from	tofeet
Odor°F	inches from	tofeet
WELL TO SUPPLY: (check one) Home	GROUTING: Method <u>pumped</u>	
FarmTownSchool	Material <u>cement &amp; watere</u>	pth 53 feet
IndustryOther_Subdivision	PUMP: Type	
WATER ANALYSIS AVAILABLE:YesNo_x_	Capacity	gal per min
DRILL CUTTINGS SAVED: 37 Yes x No DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISH ARKS: * Permanent pump test not completed.	HED FREE OF CHARGE UPON REQUEST.	SHIPPED TO THIS
Punp Good Not Completed	•	

FURNISHED BY: Moseley & Nash Ent., Inc. DATE: July 25, 1974

10 20 36 36 50 60 100 110 110 160 160 220 270 370	Yellow clay pink clay sandy clay sand rock granite (gray) granite (red) granite (red) Typink clay sand rock granite (gray) granite (gray) granite (mixed colo	ENANT: Pright Oaks Ocro. #2  PILLER: Moseley & Nash Ent., Inc.  ELL LOCATION. Genty Chesterfield  State Poute 602  State Poute 602  State Poute 602  OUNTY HIGHWAY OR CTHER MAP)  ATE STARTED: 6/11/74  ATER LEVEL: Stands  BOA MATURAL TICK OF CHEST  ATER LEVEL: Stands  Orowdeen  Orowdeen  Sole Approx. #301 Les Inc.  BOA BOA MATURAL TICK OF CHEST  BOA MATURAL TICK OF CHEST
10 20 30 30 36 50 60 60 100 110 160 220 270 370	red clay pink clay sandy clay sand rock granite (gray) granite (red) granite (red) granite (gray) granite (gray) granite (mixed colo	PILLER: Moseley & Nash Ent., Inc.  ELL LOCATION. Coerty Chesterfiel Court
370 fee	TOTAL DEPTH  GR  GR  GRIONS PER MIRUIE  SIZE, 11 methes from 55 to markes from 55 to	PE OF DRILL RIG USED' Aix Ectary  ATER LEVEL: Stands est hell squides  hos MATURAL filtw of  ELD TEST: Method Air*  Orowdown eet  Role Approx.*301 use his
0 370 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	gallons per minute  SIZE, 11 raches from 0 r  6 rockes from 55 b	BLD TEST: Method Air*  Orowdewn  Role Approx.*gat cer and
0 370 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SIZE	ELD TEST: Method Air*  Orawdewn eet 90  Rate Approx.*gat we and
0 370 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Browdewn 90 Role Approx.*3al ver alle
991 0 951 0	ttrontt	801e Approx.*3st use the
0		
0	N SIZE:	
	3	ESHOC numbers, andnontonio
	s troms	ATER ZONES: from 110 to 135 test .
8.91	1movil_sensini	from220te_:
o5	SIZE _6nobes from _ 0 _ t	TRAD 1991 OA SE
0=10	1nost rodon	ATER: Color clear reste
9910	ffrom from	qmeTop
	586999 LEANE MAINE	ELL TO SUPPLY! (check one: Home
est	Maistal cement & watere in 5	FormFown
	- Tyge	Industry Other Subdivision PUME
num reg tee	y HaogoD	TER ANALYSIS AVAILABLEIVes wo _xi
w 0 T		MEL CUTTINGS SAVED. 37 TOS. K. NE.
	THESE SAMPLES MAY BE SHIPP	HEL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT INTERVALS FICE EXPRESS COLLEGT GAMPLE SAGE ARE EURNISHED FREE
		ARKS * Permanent pump test not completed.

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

## INTERVAL SHEET

Page 1	of 1	W#: 4165 Well Repository No: C#: 206
Date rec'd	l: 10/28/74 Date Processed:	Sample Interval: from:0 to: 370
PROPERTY:	Chesterfield County (Bright Oaks Corp. #2)	Number of samples: 37
COMPANY:	Mosely and Nash	Total Depth: 370'
COUNTY:	Chesterfield	Oil or Gas: Water: Exploratory:

	(Matoaco)		
From-To	From-To	From-To	From-To
0 - 10	250 - 260	_	_
10 - 20	260 - 270	_	=
20 - 30	270 - 280	<del>-</del>	=
30 - 40	280 - 290	y <del>_</del>	_
40- 50	290 - 300	-	-
50 - 60	300 - 310	=	_
60 - 70	310 - 320	<del>-</del>	_
70 - 80	320 - 330	-	-
80 - 90	330 - 340	-	-
90- 100	340 - 350	-	-
100- 110	350 - 360	<u>=</u>	_
110- 120	360 - 370	_	-
120- 130	-	_	-
130- 140	-	-	
140- 150	, <del>-</del>	<b>-</b>	-
150- 160	*	=	=
160- 170	_	_	-
170- 180	-	-	-
180- 190	-	_	_
190- 200	. =	-	-
200- 210	_	-	_
210- 220	-	-	_

Unwashed only.

220- 230 230- 240 240- 250 WNER: Chesterfield Co. DRILLER: Mosely & Nash

COUNTY: Chesterfield (Matoaca)

W#: 4165 C#: 206

TOTAL DEPTH: 370'

QUAD: Beach

## GEOLOGIC LOG

Depth ( <u>feet</u> )	
0-10	Sand — dark yellowish orange; medium grained, some fine grains, some coarse grains; subangular to subrounded; moderately well sorted; quartz; feldspar; few opaques.
10-20	Sand — very dark yellowish orange; heavily stained; moderate clay; medium to coarse grained, few granules; subangular to subrounded; moderately well sorted; quartz; feldspar; few opaques; few grains of glauconite.
20-30	Sand — light brown; slightly clayey; medium to coarse grained, some fine grains, few granules; subangular to subrounded; moderately sorted; quartz; feldspar; few opaques; few grains of glauconite; muscovite.
30-40	As above except pale yellowish orange.
10-50	Sand — very pale orange; slightly clayey; fine to coarse grained, some granules; subangular to subrounded; moderately sorted; quartz; feldspar; few grains of glauconite.
50-60	Granite — light olive gray; some iron stained grains; quartz; feldspar; 10% biotite; few flakes of muscovite.
60-70	As above except salt and pepper.
70-80	As above plus few grains of pyrite.
80-90	Granite — salt and pepper; equigranular; quartz; feldspar; 12% biotite; few flakes of muscovite.
90-100	Granite — medium light gray; quartz; feldspar; 25% biotite; few flakes of muscovite.
100-110	Granite — grayish orange pink; quartz; feldspar; 5% biotite; few flakes of muscovite.
110-120	Granite — light gray; equigranular; quartz; feldspar; 15% biotite; muscovite.
120-130	As above.
130-140	As above.

WNER:	Chesterfield	Co.
-------	--------------	-----

320-330

muscovite.

WNER:	Chest	erfield Co.	-2-	W#:	4165
Depth (feet)					
140-150		Granite — medium light quartz; pink microcline	gray, moderate on; plagroclase; 17	range pink; eq % biotite; mus	uigranular; covite.
150-160		Granite — light gray; omuscovite.	quartz; feldspar;	7% biotite; f	ew flakes of
160-170		Granite — very pale or muscovite.	ange pink; quartz	; feldspar; 3%	biotite; some
170-180		Granite — grayish orange biotite; few flakes of a		ular; quartz;	feldspar; 2%
180-190		As above.			
190-200		As above except 7% biot	ite.		
200-210		As above except some bi	otite.		
210-220		As above.			
220-230		Granite — very light g of muscovite.	ray; quartz; feld	spar; 3% bioti	te; few flakes
230-240		As above except 5% biot	ite.		
240-250		As above.			
250-260		Granite — grayish oran biotite; some muscovite		ular; quartz;	feldspar; 2%
260-270		As above except very li	ght gray.		
270-280		Granite — grayish pink muscovite.	; quartz; pink mi	crocline; some	e biotite; some
280-290		As above except light g	ray.		
290-300		As above.			
300-310		As above except 5% biot	cite.		
310-320		As above.			
				0.0 mm ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	

Granite — grayish orange pink; quartz; feldspar; 3% biotite; some

WNER: Chesterfield Co.

-3-

W#: 4165

Depth (feet)

330-340

As above except 5% biotite.

340-350

As above except 7% biotite.

350-360

As above.

360-370

As above except 3% biotite.

Note: All samples are unwashed.

Logged by: Michael T. Currie

W# 4165 Depth Thickness Distriction Depth Thickness (feet) Rock Unit Time Rock Unit 550 50 Columbia Group Pleistocene 50-370 320 Petersburg Granite Palevroic (?) VIRGINIA DIVISION OF MINERAL RESOURCES David A. Hubbard, Jr., Geologist December 15, 1978 Do Not Type