

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-2460
C- 58

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

B-3667

JAMES L. CALVER, COMMISSIONER

McCormick Road

Charlottesville, VA 22903

WATER WELL COMPLETION REPORT

Charlottesville, Virginia

OWNER: Town of Burkeville Mailing Address: Burkeville, Virginia

TENANT: Well #7 Mailing Address: _____

DRILLER: R. O. Gentry, Inc. Mailing Address: Kenbridge, Virginia

WELL LOCATION: County Nottoway Approx. 400 ~~feet~~ feet south (direction) of
of well #6 and _____ feet miles west side (direction) of town

(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.)

DATE STARTED: 23 June 1967 DATE COMPLETED: 28 June 1967

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 285 feet

WATER LEVEL: Stands 50 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method air lift
Drawdown 200 feet
* Rate 25 gal. per min.
Duration 8 hrs., 0 min.

HOLE SIZE: 11+ inches from 0 to 121 feet
6 inches from 121 to 285 feet
_____ inches from _____ to _____ feet

WATER ZONES: from 180 to 185 feet
from _____ to _____ feet
from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WATER: Color _____ Taste _____
Odor _____ Temp. _____ °F

CASE SIZE: 6 inches ^{ID} from 0 to 121 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WELL TO SUPPLY: (check one) Home _____
Farm _____ Town X School _____
Industry _____ Other _____

GROUTING: Method hand grout pump
Material cement and water Depth 65+ feet

WATER ANALYSIS AVAILABLE: Yes _____ No _____

PUMP: Type 7 HP submersible
Capacity 30 gal. per min
Depth of intake 200 feet

DRILL CUTTINGS SAVED: Yes 16 No _____

(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHED FREE OF CHARGE UPON REQUEST.)

REMARKS: * This well will not hold a continuous 25 GPM with a pump (Est. 15 GPM with pump)
This well drilled very similar to Well #6.

LOG

FURNISHED BY:

R. J. Gentry

DATE: 22 Jan. 1969

R. O. Gentry, Inc.

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	6	Red clay	
6	121	Brown sandrock	Hard at times-cut with roller bit.
121	137	Gray and red rocks	Set casing 121'
137	142	Gray and green rocks	Cut with hammer-soft (15' per hr.)
145	175	Gray and brown rocks	Soft - same
175	190	Gray and red rocks	Same
190	230	Gray and red rocks	Hit water (drilling 10' per hr.)
230	285	White granite	Hard

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

INTERVAL SHEET

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 Well Repository No: W-2460

Date rec'd: 2/10/69

Sample Interval: from 120 to: 265'

PROPERTY: Town of Burkeville, Well #7

Number of samples: 16

COMPANY: R. O. Gentry, Inc.

Total Depth: 285'

COUNTY: Nottoway (Burkeville)

Oil or Gas: Water: ~~X~~Exploratory:

From-To	From-To	From-To	From-To
-	-	-	-
-	-	-	-
-	-	-	-
No samples	-	-	-
-	-	-	-
120 - 130	-	-	-
140 -	-	-	-
142 -	-	-	-
145 -	-	-	-
150 -	-	-	-
175 -	-	-	-
190 -	-	-	-
205 -	-	-	-
215 - *	-	-	-
225 - *	-	-	-
230 - *	-	-	-
235 - *	-	-	-
240 - *	-	-	-
255 - *	-	-	-
260 - *	-	-	-
265 - *	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

* Unwashed samples only



OWNER: Town of Burkeville, Well #7
DRILLER: R. O. Gentry, Inc.
COUNTY: Nottoway (Burkeville)

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TOTAL DEPTH- 285'

GEOLOGIC LOG

Depth
in feet

0-120	No samples
120-130	Granite — pink and gray, coarse, equa-crystalline; quartz, pink feldspar and biotite, with traces of muscovite and apatite; some weathered material
140	" no weathered material
142	" "
145	" "
150	Granite — pink and gray, coarse, equa-crystalline; quartz and pink feldspar, with traces of biotite, muscovite and apatite
175	"
190	" with large amount of hornblende or tremolite
205	" "
215	"
225	"
230	" very pale pink to white
235	"
240	Granite — very pale pink to white, coarse, equa-crystalline; quartz and pink feldspar, with traces of biotite, muscovite and apatite
255	" with trace of mylonite
260	"
265	"

OWNER: Town of Burkeville, Well #7

W-2460

265-285 No samples

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-120'	No samples	—
120-265'	Granite	Precambrian (?)
265-285'	No samples	—

Virginia Division of Mineral Resources
T. M. Gathright, Geologist
February 11, 1969