

LOG

FURNISHED BY J. B. Stevenson

DATE: 4/24/61

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
0	15	Clay	
15	25	Lime	
25	60	Shaley lime	
60	105	Lime	
105	120	Lime	
120	135	Shale	
135	140	Lime	
140	143	Shale	
143	154	Lime	
154	156	Shale	
156	160	Lime	
160	195	Lime	
195	224	Lime	
224	224 $\frac{1}{2}$	Cavity	
224 $\frac{1}{2}$	230	Lime	
230	255	Lime	

WATER CONDITIONS

Static Level 23'

Static Level, 27'

CONSTRUCTION

ROUTING INFORMATION

62

W-494

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT
DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Botetourt Development Corporation Mailing Address: P. O. Box 1106 - Roanoke, Va.
 TENANT: Rainbow Forest Subdivision Mailing Address: _____
 DRILLER: Frank W. Martin Drilling Co. Mailing Address: 4117 Cravens Creek Rd., SW,
 WELL LOCATION: County Botetourt Approx. 1 miles East of Bonsack and 1 1/2 miles N. of Rte. 460. Roanoke, V.

(Give direction and distance in feet or tenths of mile from two reference points - roads, towns, rivers, etc. - on county highway or other map.)

WATER CONDITIONS

DEPTH

STATIC WATER LEVEL 27 Feet

WATER ZONES (fissures or formations supplying water)

(from) (to) (from) (to)
156 ft. 160 , _____ ft. _____
224 1/2 ft. 255 , _____ ft. _____

QUANTITY OF WATER

WELL PUMPED (or bailed) at 94 Gal. per Min. with

16 feet DRAWDOWN after 48 HOURS PUMPING.

FLOW (natural) 0 G.P.M. HEAD 48 ft. (above ground) **W**

REMARKS: _____

QUALITY OF WATER

COLOR _____ TASTE _____

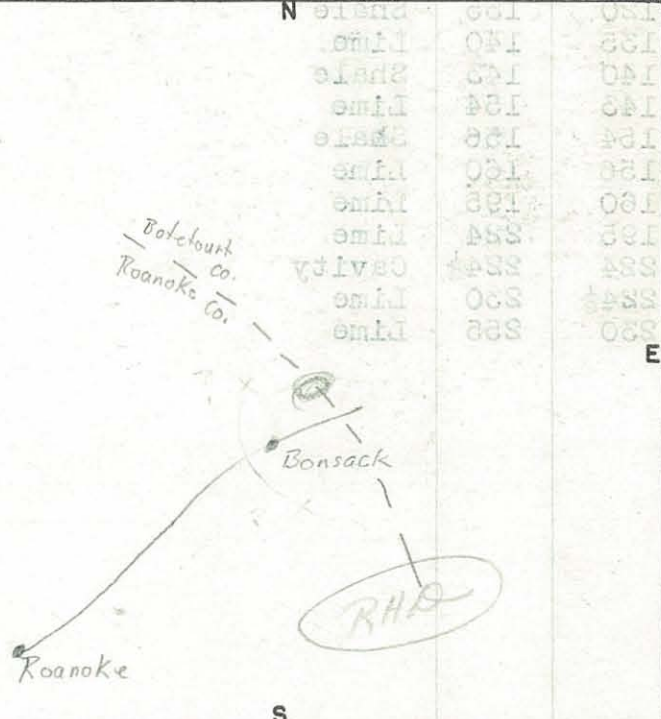
ODOR _____ OTHER _____

ANALYSIS AVAILABLE - Yes No ATTACHED Yes No

TEMPERATURE 56

WATER (from) ft. (to) ft.
 (salt, brackish, iron, sulfur, acid, other)

USE OF WATER: Domestic Town Industry Farm Public



CONSTRUCTION

RIG TYPE (or method) Cable

(rotary, cable, bored, driven, etc.)

DATE: Started 4/11/61 ; Completed 4/19/61

TOTAL DEPTH 255 ft.

BEDROCK at 15 ft.

GROUTING INFORMATION

METHOD USED _____

GROUTING MATERIAL Concrete

DEPTH OF GROUTING 62 feet

HOLE SIZE

(diam) in	(from) ft	(to) ft	(diam) in	(from) ft	(to) ft
10	0	62	8	0	62
8	62	255			

CASING SIZE

SCREEN (or perforations)
 (diam.) (from) (to) (opening size)
 _____ in _____ ft. _____ ft. _____

PUMP (installed)

TYPE _____ Cap. (gpm) _____

H.P. _____ Depth of intake _____ ft.

REMARKS: Samples taken every 10 feet or change of strata.

Log of well (over)

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FROM	TO		
0	15	Clay	
15	25	Lime	
25	60	Shaley Lime	Removed 10" bit at 51'
60	105	Lime	
105	120	Lime	
120	135	Shale	
135	140	Lime	
140	143	Shale	
143	154	Lime	
154	156	Shale	
156	160	Lime	
160	195	Lime	
195	224	Lime	
224	224½	Cavity	
224½	230	Lime	Static Level, 27'
230	255	Lime	