





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

WWCR# 4  
 VDMR# 400

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: St. Convict Road Force Camp 29 Mailing Address: Honaker, Va.  
 TENANT: \_\_\_\_\_ Mailing Address: \_\_\_\_\_  
 DRILLER: Carpenter Drilling Co. Mailing Address: Johnson City, Tenn.  
 WELL LOCATION: County Russel Approx. \_\_\_\_\_ ft. \_\_\_\_\_ miles  
 (direction) of \_\_\_\_\_ and \_\_\_\_\_ ft. \_\_\_\_\_ miles  
 (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 40'

WATER ZONES (fissures or formations supplying water)

(from)	(to)	(from)	(to)
<u>145</u> ft.	<u>245'6"</u>	<u>295</u> ft.	<u>320</u>

**QUANTITY OF WATER**

WELL PUMPED (or bailed) at 50 Gal. per Min. with 150 feet DRAWDOWN after 6 HOURS PUMPING.

FLOW (natural) \_\_\_\_\_ G.P.M. HEAD \_\_\_\_\_ ft. (above ground)

REMARKS: Pumped by machine while drilling 12 hrs.

**QUALITY OF WATER**

COLOR Clear TASTE \_\_\_\_\_

ODOR May become sulphur OTHER \_\_\_\_\_

ANALYSIS: AVAILABLE - Yes  No  ATTACHED Yes  No

TEMPERATURE 60  
 (salt, brackish, iron, sulfur, acid, other) WATER \_\_\_\_\_ (from) ft. \_\_\_\_\_ (to) ft.

USE OF WATER: Domestic  Town  Industry  Farm  Public

**CONSTRUCTION**

RIG TYPE (or method) Schram Rotadrill  
 (rotary, cable, bored, driven, etc.)

DATE: Started Oct. 29, 59; Completed Nov. 2, 59

TOTAL DEPTH 320 ft.

BEDROCK at \_\_\_\_\_ ft.

**GROUTING INFORMATION**

METHOD USED Water and Cement

GROUTING MATERIAL outside casing

DEPTH OF GROUTING 102

**HOLE SIZE**

(diam)	(from)	(to)
<u>10</u> in.	<u>top</u>	<u>102</u> ft.
<u>6</u>	<u>102</u>	<u>320</u>

**CASING SIZE**

(diam)	(from)	(to)
<u>6 1/2</u> in.	<u>top</u>	<u>102</u> ft.

**SCREEN (or perforations)**

(diam.) (from) (to) (opening size)  
 \_\_\_\_\_ in. \_\_\_\_\_ ft. \_\_\_\_\_ ft.

**PUMP (installed)**

TYPE submersible. Cap. (gpm) 20

H.P. 2. Depth of intake 233 ft.

REMARKS: Real strong well - Set pump 200' in well and will pump 50gpm.  
Received sample cuttings 12-31-59

Log of well (over)

FURNISHED BY

M.D. Carpenter

DATE: 11/27/59

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
top	2	Dirt	
2	90	Solid rock	
90	95	Break - cavern	
95	102	Solid rock	
102	245	Hit break - rock solid 102' to 245'	
245	245-6"	Water Break	About 10 gpm
245-6"	295	Solid rock	
295	320	Water-bearing intersections	40 gpm added Makes total 50 gpm

1001 Hole  
Hoxover, Va  
from Camp 29

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W-400

WATER WELL COMPLETION REPORT

OWNER: \_\_\_\_\_  
TENANT: State Convict Road Force Camp 29  
DRILLER: Carpenter Drilling Co  
WELL LOCATION: County Russell

Mailing Address: \_\_\_\_\_  
Mailing Address: Hoxover Va  
Mailing Address: Johnson City, Tenn.  
ft. \_\_\_\_\_  
miles \_\_\_\_\_

WATER CONDITIONS

DEPTH 40'  
STATIC WATER LEVEL \_\_\_\_\_  
WATER ZONES (fissures or formations supplying water)  
(from) \_\_\_\_\_ (to) \_\_\_\_\_  
ft. \_\_\_\_\_ ft. \_\_\_\_\_

QUANTITY OF WATER  
WELL PUMPED (or bailed) at 50 Gal. per Min. with  
156 feet DRAWDOWN after 6 HOURS PUMPING.  
FLOW (natural) \_\_\_\_\_ G.P.M. HEAD \_\_\_\_\_ ft. (above ground)  
REMARKS: Pumped by Mod. White drilling 12 hrs.

QUALITY OF WATER  
COLOR Clear TASTE \_\_\_\_\_  
ODOR May Be Some Sulphur OTHER \_\_\_\_\_  
ANALYSIS: AVAILABLE— Yes  No  ATTACHED Yes  No   
TEMPERATURE 60°  
WATER \_\_\_\_\_ (from) \_\_\_\_\_ (to) \_\_\_\_\_  
(salt, brackish, iron, sulfur, acid, other)

USE OF WATER: Domestic  Town  Industry  Farm  Public

CONSTRUCTION

RIG TYPE (or method) Schwam Rotadrill  
(rotary, cable, bored, driven, etc.)  
DATE: Started Oct. 29, 1959; Completed Nov. 2, '59  
TOTAL DEPTH 320 ft.  
BEDROCK at \_\_\_\_\_ ft.

GROUTING INFORMATION  
METHOD USED Water and Cement  
GROUTING MATERIAL outside Casing  
DEPTH OF GROUTING 102'

HOLE SIZE

(diam) in. (from) ft. (to) ft.  
10" in. Top 102 ft.  
6" in. 102 ft. 320 ft.

CASING SIZE

(diam) in. (from) ft. (to) ft.  
6 1/4" in. Top 102 ft.

SCREEN (or perforations)

(diam) in. (from) ft. (to) ft. (opening size)

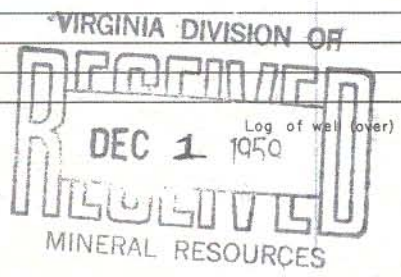
PUMP (installed)

TYPE SUBMERSIBLE Cap. (gpm) 20  
H.P. 2 Depth of intake 233 ft.

REMARKS: Best Shiny Well - Set Pump 200' in Well and will pump 50 gal P.M.

UDMR# 400

Received sample cuttings  
12-31-59



FURNISHED BY

M. A. Carpenter

DATE:

11/27/59

DEPTH  
(feet)

TYPE OF SOIL OR ROCK PENETRATED

REMARKS

FROM

TO

(gravel, clay, etc., hardness, color, etc)

(water, caving, shot, screen, sample, etc)

Top 2'

Dirt

2' 90'

Solid Rock

90 95

Brest - Cover

95 102

Solid Rock

102 245

Hit Break-Rock Solid 102' to 245'

245 245-6"

Water Break -

245'6" 295'

Solid Rock

295 320

Water Bearing Intersections

About 10 g.p.m.

40 g.p.m. added.

Makes total 50 g.p.m.