





DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Shrine Mont (Well no. 2) Mailing Address: Orkney Springs

TENANT: Mailing Address:

DRILLER: Rig 65 Sydnor Pump and Well Mailing Address: Richmond, Va.

WELL LOCATION: County: Shenandoah Approx. 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 92

WATER ZONES (fissures or formations supplying water)

(from) (to) (from) (to)

QUANTITY OF WATER

WELL PUMPED (or bailed) at 30 Gal. per Min. with

153 feet DRAWDOWN after 8 HOURS PUMPING.

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

REMARKS:

From Mt Jackson take Route 263 west to Orkney Springs -

QUALITY OF WATER

COLOR Clear TASTE Iron

ODOR None 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) Air rotary (rotary, cable, bored, driven, etc.)

DATE: Started 8-16-60; Completed 8-17-60

TOTAL DEPTH 200 ft.

BEDROCK at ft.

GROUTING INFORMATION

METHOD USED Gravity

GROUTING MATERIAL Cement and water

DEPTH OF GROUTING 82'

HOLE SIZE

(diam) in (from) ft (to) ft (diam) in (from) ft (to) ft

CASING SIZE

SCREEN (or perforations) (diam) (from) ft (to) ft (opening size)

PUMP (Installed)

TYPE Cap. (gpm)

H.P. Depth of intake ft.

REMARKS:

by Jesse Snyder, Jr.

LOG

FURNISHED BY

Sydnor Pump & Well Co., Inc.

DATE:

8-17-60

from drillers Stockner & Mitchell's logs

by Jesse Snyder, Jr.

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
0	21	Weathered shale - clay	
21	25	Weathered red shale	
25	79	Soft dark red shale	
79	88	Gray shale	
88	92	Black shale	
92	136	Gray shale (Trace water 103')	
136	140	Blue shale 20 gpm	
140	181	Gray shale 30 gpm	
181	185	Blue shale	
185	197	Yellow brown shale	
197	200	Blue shale	Airlift 37-40 gpm from bottom

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

Box 3667, University Station, Charlottesville, Virginia

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W-449

Well No 2 WATER WELL COMPLETION REPORT

OWNER: Shrine Mount Mailing Address: Orkney Springs  
 TENANT: \_\_\_\_\_ Mailing Address: \_\_\_\_\_  
 DRILLER: Rig 65) Sedor Pump & Well Co. Inc. Mailing Address: Richmond Va  
 WELL LOCATION: County Shenandoah Approx. \_\_\_\_\_ ft. miles \_\_\_\_\_  
 (direction) of \_\_\_\_\_ and \_\_\_\_\_ ft. miles \_\_\_\_\_ of \_\_\_\_\_  
 (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 92'

STATIC WATER LEVEL \_\_\_\_\_

WATER ZONES (fissures or formations supplying water)  
 (from) \_\_\_\_\_ (to) \_\_\_\_\_ (from) \_\_\_\_\_ (to) \_\_\_\_\_  
 \_\_\_\_\_ ft. \_\_\_\_\_, \_\_\_\_\_ ft.  
 \_\_\_\_\_ ft. \_\_\_\_\_, \_\_\_\_\_ ft.

**QUANTITY OF WATER**

WELL PUMPED (or bailed) at 30 Gal. per Min. with  
153 feet DRAWDOWN after 8 HOURS PUMPING.  
 FLOW (natural) \_\_\_\_\_ G.P.M. HEAD \_\_\_\_\_ ft. (above ground) **W**  
 REMARKS: \_\_\_\_\_

N

- From Mt Jackson Va. Take  
Route 263 west to  
Orkney Springs

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**QUALITY OF WATER**

COLOR clear TASTE Iron  
 ODOR None OTHER \_\_\_\_\_  
 ANALYSIS: AVAILABLE - Yes  No  ATTACHED Yes  No   
 TEMPERATURE 56°P  
 WATER (from) \_\_\_\_\_ ft. (to) \_\_\_\_\_ ft.  
 (salt, brackish, iron, sulfur, acid, other)

USE OF WATER: Domestic  Town  Industry  Farm  Public

**CONSTRUCTION**

RIG TYPE (or method) Riv Rotary  
 (rotary, cable, bored, driven, etc.)  
 DATE: Started 8-16-60 Completed 8-17-60  
 TOTAL DEPTH 200 ft.  
 BEDROCK at \_\_\_\_\_ ft.

HOLE SIZE			CASING SIZE		
(diam)	(from)	(to)	(diam)	(from)	(to)
9	0	82	5	0	83
5	82	100			

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

**GROUTING INFORMATION**

METHOD USED Gypsum & Water  
 GROUTING MATERIAL Gravity  
 DEPTH OF GROUTING 80 82'

**PUMP (installed)**

TYPE \_\_\_\_\_ Cap. (gpm) \_\_\_\_\_  
 H.P. \_\_\_\_\_ Depth of intake \_\_\_\_\_ ft.

REMARKS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Log of well (over)

Copy - Div. Min Resc.  
CG Knick  
Shrine Mount

By Jesse Smyser

FURNISHED BY Sydnor Pump & Well Co Inc DATE: 8-17-60

From Driller's Stockner + Mitchell's logs

By Jane [Signature]

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
0	21	- Weathered shales - clay -	
21	25	- weathered red shale	
25	79	- soft dark Red shale	
79	88	- Gray shale	
88	92	- black shale	
92	136	- Gray shale - (Trace water)	105'
136	140	Blue shale -	20 GPM
140	181	- Gray shale -	-30 GPM
181	185	Blue shale	
185	197	yellow Brown shale	
197	200	Blue shale -	Air lift 37-40 GPM from Bottom

