



Interval Sheet

Sheet No. \_\_\_\_\_

STANDARD OIL COMPANY  
INDIANAPOLIS, INDIANA  
DIVISION OF MINERAL PRODUCTION  
1940-1941  
NO. 100

--- Cuttings

---- Core

--- Water Well

--- Gas Well

From-To

From-To

From-To

From-To

From-To

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Total Depth \_\_\_\_\_

# WATER WELL COMPLETION REPORT

Department of Conservation and Economic Development  
 VIRGINIA DIVISION OF MINERAL RESOURCES  
 Box 3667, University Station, Charlottesville, Virginia

①  
 W-0307

OWNER: Dr. A. J. Russo Address: Dillwyn Virginia

TENENT: Owner

WELL LOCATION: Town Dillwyn Va., County Buckingham, Approx. 10 M. miles  
 (direction) of North East and \_\_\_\_\_ ft. miles of \_\_\_\_\_

(Give directions and distance in feet or tenths of miles from two reference points shown on topographic or county highway maps.)

DRILLER: N. B. Ragland  
 Address: Box 34 Dillwyn Va.

### WATER CONDITIONS

DEPTH  
 STATIC WATER LEVEL 20'  
 WATER (aquifers): 70-80'  
 (from) \_\_\_\_\_ (to) \_\_\_\_\_ (from) \_\_\_\_\_ (to) \_\_\_\_\_  
 ft. \_\_\_\_\_, \_\_\_\_\_ ft. \_\_\_\_\_  
 ft. \_\_\_\_\_, \_\_\_\_\_ ft. \_\_\_\_\_

### YIELD

WELL PUMPED (or bailed) at 3 G.P.M. with \_\_\_\_\_ ft. DRAWDOWN  
 after \_\_\_\_\_ hrs. PUMPING.  
 ARTESIAN (natural) FLOW \_\_\_\_\_ G.P.M.; HEAD \_\_\_\_\_ ft. (above grnd.)  
 REMARKS: \_\_\_\_\_

### QUALITY OF WATER

COLOR Clear TASTE Good  
 ODOR No OTHER \_\_\_\_\_  
 ANALYSIS: AVAILABLE - Yes  No ; ATTACHED - Yes  No   
 TEMPERATURE \_\_\_\_\_  
 (salt, brackish, iron, sulfur, acid, other) WATER 70 (from) ft. 80' (to) ft.

### USE OF WATER

FOR Home use  
 (domestic, town, industry, irrigation, etc.)  
 ADEQUACY, PERMANENCE \_\_\_\_\_

### PUMP (installed)

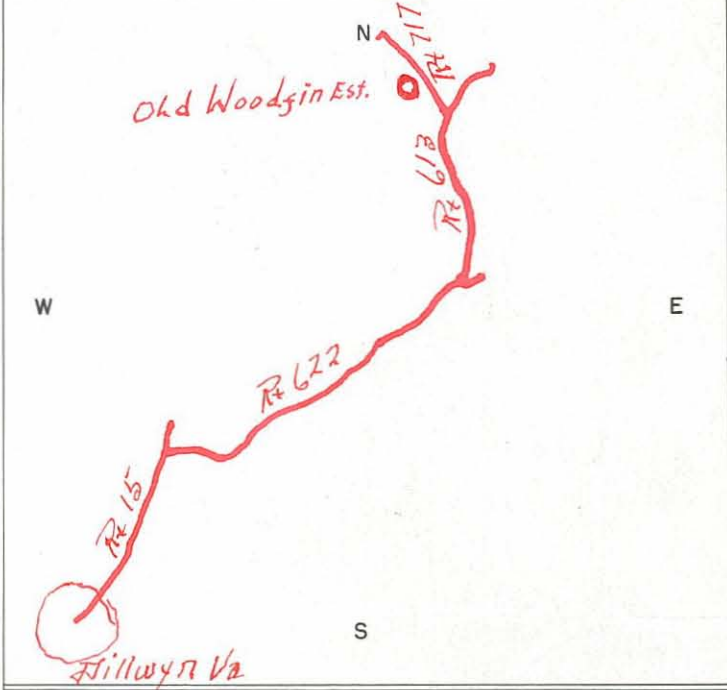
TYPE 1/2 H.P. Summo Submersible  
 H.P. 1/2 DEPTH OF INTAKE 110'

### CONSTRUCTION

RIG TYPE (or method) Churn Drill  
 (rotary, cable, bored, dug, driven, etc.)  
 DATE STARTED 10-13 58; COMPLETED 10-25 58  
 TOTAL DEPTH 130' ft.  
 BEDROCK at 50' ft.  
 SURFACE ELEVATION 406' ft.

REMARKS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

### LOCATION SKETCH OR MAP TRACING



### HOLE SIZE

(diam.) \_\_\_\_\_ (from) \_\_\_\_\_ (to) \_\_\_\_\_  
8" in. 50 ft. 130' ft.  
5 5/8" 50 \_\_\_\_\_ 130'

### CASING SIZE

(diam.) \_\_\_\_\_ (from) \_\_\_\_\_ (to) \_\_\_\_\_  
5 5/8" in. 0 ft. 50' ft.  
Grouted in Rock

### SCREEN (or perforations)

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

OTHER CONSTRUCTION INFORMATION: (gravel pack, depth and size of shot, packer, plugs, etc.)  
 \_\_\_\_\_  
 \_\_\_\_\_

Samples sent 50-130'  
 Log of well (over)

LOG

FURNISHED BY Buckingham Drilling Co.

DATE: Oct. 27 1958

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
0	20'	Red Clay	Water & Cave from 30-50 5 5/8" Steel casing set 50' Cemented Water from 70-80' 3 G.W
20	30'	Yellow Sandy Clay	
30	50'	UNCONSOLIDATED Unconsolidated Sand & Mica	
50'	130'	Peters Creek Quartzite	

VIRGINIA DIVISION OF  
**RECEIVED**  
 OCT 28 1958  
**RECEIVED**  
 MINERAL RESOURCES

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

Box 3667, University Station, Charlottesville, Virginia

WWCR 1  
 VDMR 307

WATER WELL COMPLETION REPORT

OWNER: Dr. A. J. Russo Mailing Address: Dillwyn, Va.  
 TENANT: Owner Mailing Address: \_\_\_\_\_  
 DRILLER: N. B. Ragland Mailing Address: Box 34, Dillwyn, Va.  
 WELL LOCATION: County Buckingham Approx. 10 mi. \_\_\_\_\_ ft. miles  
 (direction) of north east of Dillwyn, Va. 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**

STATIC WATER LEVEL 20'

WATER ZONES (fissures or formations supplying water)

(from) \_\_\_\_\_ (to) \_\_\_\_\_ (from) \_\_\_\_\_ (to) \_\_\_\_\_  
 \_\_\_\_\_ ft. \_\_\_\_\_ ft. \_\_\_\_\_ ft. \_\_\_\_\_ ft.

**QUANTITY OF WATER**

WELL PUMPED (or bailed) at 3 Gal. per Min. with \_\_\_\_\_ feet **DRAWDOWN** after \_\_\_\_\_ HOURS PUMPING.

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

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

**QUALITY OF WATER**

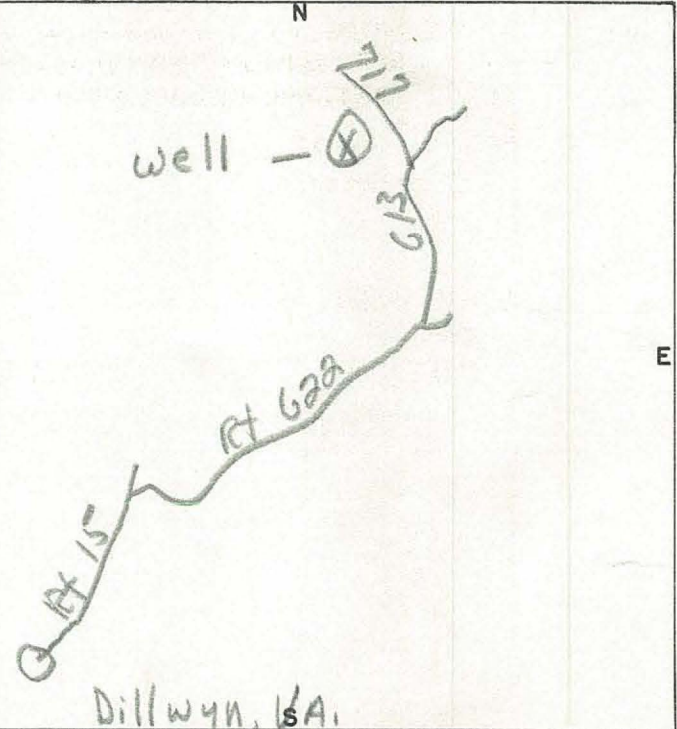
COLOR clear TASTE good

ODOR no OTHER \_\_\_\_\_

ANALYSIS: AVAILABLE - Yes  No  ATTACHED Yes  No

TEMPERATURE \_\_\_\_\_  
 WATER (from) \_\_\_\_\_ ft. (to) 80 ft.  
(salt, brackish, iron, sulfur, acid, other)

USE OF WATER: Domestic  Town  Industry  Farm  Public



**CONSTRUCTION**

RIG TYPE (or method) Churn Drill  
(rotary, cable, bored, driven, etc..)

DATE: Started 10-13-58; Completed 10-25-58

TOTAL DEPTH 130 ft.

BEDROCK at 50 ft.

**GROUTING INFORMATION**

METHOD USED \_\_\_\_\_

GROUTING MATERIAL \_\_\_\_\_

DEPTH OF GROUTING \_\_\_\_\_

REMARKS: Surface Elevation 406'

Source of Information - Buckingham Drilling Co. Record #329

**HOLE SIZE**

8" (diam) in 0 (from) ft. 50 (to) ft. 5 5/8" (diam) in 0 (from) ft. 50 (to) ft.  
5 5/8" 50 130 Grouted in rock

**CASING SIZE**

**SCREEN (or perforations)**

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

**PUMP (installed)**

TYPE 1/2 H.P. Summo. Submersible

H.P. 1/2 Depth of intake 110 ft.

LOG

FURNISHED BY Buckingham Drilling Co.

DATE October 27, 1958

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	20	Red clay	
20	30	Yellow sandy clay	
30	50	Unconsolidated sand & mica	
50	130	Peters Creek quartzite	Water & Cover from 30-50' 5-5/8" Steel casing set 50' Cemented Water from 70-80' 3 GPM