



ELEVATION BY SPIRIT LEVELING FROM U.S.G.S. BM No 299 ON NORTH SIDE OF W.VA. SEC. RT. 34 - E.LV. 1056.00' ACCURACY: 1' IN 1000'

- New Location
- Drill Deeper
- Redrill
- Abandonment

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."  
Dec. 20, 1967

Company RAY BROTHERS DRILLING CO.  
 Address 718 KANAWHA VALLEY BLDG. CHARLESTON, W.VA. 25301  
 Farm MERLE SAMPLES - SURFACE VIOLET STANLEY - MINERAL  
 Tract 138 4/5 (M) Acres 64 2/5 (S) Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1062.89  
 Quadrangle KENNA - S.W. J.C.  
 County PUTNAM District UNION  
 Engineer J. A. Holuba  
 Engineer's Registration No. 1341  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date NOV. 17, 1967 Scale 1" = 300'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

**WELL LOCATION MAP**  
 FILE NO. PUT - 740-P

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

--- Denotes one inch spaces on border line of original tracing.

6-6-312 Deep Well (Newburg)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle \_\_\_\_\_

WELL RECORD

Permit No. **PUT-740**

Oil or Gas Well **Dry**  
(KIND)

Company **Ray Brothers Drilling Co.**  
Address **718 Kan. Valley Bldg., Chas. W. Va.**  
Farm **Merle Samples** Acres **138 (M) 64 (S)**  
Location (waters) \_\_\_\_\_  
Well No. **One** Elev. **1062.89'**  
District **Union** County **Putnam**  
The surface of tract is owned in fee by **Merle Samples**  
Address \_\_\_\_\_  
Mineral rights are owned by **Violet Stanley**  
Address \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 <b>3/8</b>	<b>256</b>	<b>256</b>	
10			Size of
<b>9 5/8</b>	<b>2332</b>	<b>500</b>	
6 5/8			Depth set
5 3/16			
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced **December 9, 1967**  
Drilling completed **December 18, 1967**  
Date Shot From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume **None** Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED (DETAILS) \_\_\_\_\_  
WELL FRACTURED (DETAILS) \_\_\_\_\_

Attach copy of cementing record.  
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
Amount of cement used (bags) \_\_\_\_\_  
Name of Service Co. \_\_\_\_\_  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT (initial open Flow or bbls.) \_\_\_\_\_  
ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_ HOURS  
Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand \_\_\_\_\_ Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil				0	20		
Red Rock & Shale				20	615		
Sand				615	670		
Red Rock & Shale				670	1220		
Sand				1220	1395		
Shale				1395	1435		
Sand & Shale				1435	1545		
Sand <i>Soft</i>				1545	2025		
Line - <i>little</i>				2025	2045		
Shale - <i>shale</i>				2045	2053		
Line - <i>big</i>				2053	2240		
Sand <i>big</i>				2240	2290		
Sand & Shale				2290	2500		
Shale				2500	2705		
Sand - <i>berca</i>				2705	2725		
Shale				2725	5153		
Line				5153	5243		
Sand - <i>arishany</i>				5243	5320		
Line				5320	6010		
Sand - <i>Newburg</i>				6010	6025		
Line				6025	6075	TD	

