

ACCURACY 1' IN 200'

New Location  SOURCE ELEV. FORKS ROAD MOUTH RUN 839.00

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."

Company CARL E. SMITH INC.  
 Address SANDYVILLE, W. VA.  
 Farm C. A. CHARTER  
 Tract \_\_\_\_\_ Acres 146.5 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 953.97  
 Quadrangle CENTERPOINT SW  
 County DODDRIDGE District GRANT  
 Engineer L. F. Dye  
 Engineer's Registration No. 804  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 3-16-64 Scale 1" = 40 FEET

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

**WELL LOCATION MAP**

FILE NO. DOD-1107

+ 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.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 3

Quadrangle Centerpoint

Permit No. DOD\*1107

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company Carl E. Smith, Inc.  
Address Sandyville, West Virginia  
Farm C. A. Charter Acres 11.665  
Location (waters) \_\_\_\_\_  
Well No. 1 Elev. 953.97'  
District Grant County Doddridge  
The surface of tract is owned in fee by \_\_\_\_\_  
C. A. Charter Address West Union, W. Va.  
Mineral rights are owned by Hope Natural Gas Co.  
Address Clarksburg, W. Va.  
Drilling commenced April 3, 1964  
Drilling completed August 21, 1964  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume 30,000 Cu. Ft.  
Rock Pressure 104 lbs. 48 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_  
WELL FRACTURED yes

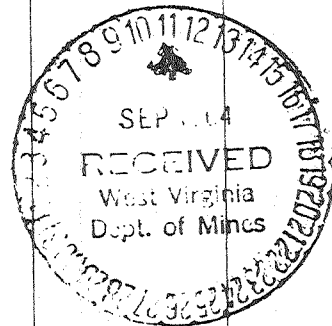
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	10'	10'	
10	418'		Size of
8 1/4	1112'	1112'	
6 3/8	1660'		Depth set
5 3/16			
# <u>1</u>	2015'	2015'	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED yes SIZE 1 1/2" No. Ft. 2014' Date June 26, 1964

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT 810,000  
ROCK PRESSURE AFTER TREATMENT 335 pounds in 40 hrs.  
Fresh Water \_\_\_\_\_ Feet 350' Salt Water \_\_\_\_\_ Feet 1430'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Rock	Red		0	140			
Sand			140	170			
Slate			170	200			
Sand			200	295			
Lime		Hard	295	334			
Rock	Red		334	335			
Slate & Shell			335	405	Water	350'	
Lime			405	550			
Sand			550	572			
Slate & Shell			572	664			
Sand			664	732			
Slate & Shell			732	735			
Rock	Red		735	750			
Slate & Shell			750	840			
Rock	Red		840	940			
Slate & Shell			940	1000			
Sand			1000	1036			
Slate			1036	1060			
Sand			1060	1245			
Slate			1245	1300			
Sand			1300	1480	Salt Water	1430'	
Lime			1480	1550			
Sand		Hard	1550	1580			
Lime			1580	1600			
Sand			1600	1630			
Slate			1630	1660			
Sand			1660	1735	Gas	1720'	
Lime			1735	1790			
Sand			1790	1830	Gas	1825	



Formation	Color	Hard or Soft	Top 3	Bottom	Oil, Gas or Water	Depth Found	Remarks
Big Lime Injin Sand Slate			1830 1890 2000	1890 2000 2015	Gas	1940'	

Date August 27, 1964

APPROVED Carl E. Smith, Inc., Owner

By Carl Smith, President  
(Title)