



New Location   
 Drill Deeper   
 Abandonment

~~4.23~~  
~~4.17-3.~~  
~~0.10 W~~  
 9 SE (G-5) 0.09-W

Company CARL E. SMITH INC.  
 Address SANDYVILLE, W.VA.  
 Farm CLAY POWELL ET AL  
 Tract \_\_\_\_\_ Acres 162 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1086.00  
 Quadrangle BELLEVILLE-SW  
 County JACKSON District GRANT  
 Engineer L. J. Dye  
 Engineer's Registration No. 804  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 7-24-61 Scale 1" = 500'

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

**WELL LOCATION MAP**  
 FILE NO. JAC-1026

+ 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.

No. Samples 6-6 256 Deep Well



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

Quadrangle Belleville

Permit No. JAC 1026

**WELL RECORD**

Oil or Gas Well Gas  
(KIND)

Company Carl E. Smith, Inc.  
Address Sandyville, W. Va.  
Farm Clay Powell ET AL Acres 162  
Location (waters) \_\_\_\_\_  
Well No. 1 Elev. 1086  
District Grant County Jackson  
The surface of tract is owned in fee by Powell Heirs  
Address Parkersburg, W. Va.  
Mineral rights are owned by Powell Heirs  
Address Parkersburg, W. Va.  
Drilling commenced August 15, 1961  
Drilling completed December 11, 1961  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume 210,000 Cu. Ft.  
Rock Pressure 485 lbs. 24 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	<u>18'</u>	<u>18'</u>	
10	<u>1032</u>		Size of
8 1/4	<u>1343</u>		
6 3/4	<u>2075</u>	<u>2075</u>	Depth set
5 3/16	<u>4995</u>	<u>4995</u>	
3			Perf. top
2	<u>5011</u>	<u>5011</u>	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 5 SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
26 bags cement - 14 bags aquagard

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

WELL FRACTURED yes

RESULT AFTER TREATMENT 300,000  
ROCK PRESSURE AFTER TREATMENT 485 pounds in 24 hrs.  
Fresh Water 700 Feet Salt Water 1665 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil		Soft	0	5			
Clay	Yellow	Soft	5	50			
Mud	Blue	Soft	50	125			
Rock	Red	Soft	125	145			
Slate	Blue	Soft	145	170			
Rock	Red	Soft	170	205			
Slate	White	Soft	205	260			
Rock	Red	Soft	260	280			
Slate	Blue	Soft	280	305			
Rock	Red	Soft	305	320			
Slate	White	Soft	320	390			
Rock	Red	Soft	390	420			
Slate	White	Soft	420	430			
Rock & Shell	Grey	Hard	430	495			
Lime	Grey	Hard	495	585			
Slate & Shell	Black	Hard	585	620			
Sand- <u>1400</u>	White	Soft	620	705	Water	700	
Lime	White	Hard	705	715			
Rock	Red	Soft	715	740			
Slate & Shell		Soft	740	775			
Rock	Red	Soft	775	790			
Lime	White	Hard	790	840			
Rock	Red	Soft	840	855			
Sand	White	Hard	855	1014			
Slate & Shell		Hard	1014	1032			
Lime	White	Hard	1032	1070			
Rock	Red	Soft	1070	1115			
Lime	White	Hard	1115	1122			
Rock	Red	Soft	1122	1150			
Lime	Black	Hard	1150	1240			



Formation	Color	Hard or Soft	Top //	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shell	Lime	Soft	1240	1275			
Slate	White	Soft	1275	1285			
Sand - <i>Big Sand</i>	White	Hard	1285	1340			
Lime	Black	Hard	1340	1350			
Slate & Shell	Black	Spft	1350	1425			
Sand - <i>Salt Sand</i>	White	Soft	1425	1540			
Slate	Black	Soft	1540	1580	Salt Water	1665	
Sand - <i>Salt Sand</i>	White	Hard	1580	1695			
Slate	Black	Soft	1695	1700			
Broken Form		Soft	1700	1900			
Lime	Black	Hard	1900	1940			
Broken Form		Mixed	1940	1960			
Lime - <i>Big Lime</i>		Hard	1960	2130			
Slate		Soft	2130	2145			
Lime - <i>Injunct</i>	White	Hard	2145	2365			
Slate	White	Hard	2365	2430			
Lime	White	Hard	2430	2450			
Slate	White	Soft	2450	2555			
Shale	Brown	Soft	2555	2575			
Lime	White	Soft	2575	2605			
Berea Shell	Gray	Hard	2605	2792	Oil	2681	show
Slate & Shell	White	Hard	2792	2845			
Lime	White	Hard	2845	2930			
Slate & Shell	White	Soft	2930	4295	Gas	3510	show
Big Slate	White		4295	4695			
Shale	Brown	Soft	4695	4880			
Shale	Black - <i>MARBLE</i>	Soft	4880	4908			
Corniferous	Lime - <i>463</i>	Hard	4908	5007			
Sand - <i>ORISKANY</i>			5007	5016	Gas		

70 (575)

4908    5007  
 1086    1086  
 -----  
 3822    3921

Date January 4, 19 62

APPROVED Carl E. Smith, Inc., Owner

By Carl E. Smith, President  
 (Title)