

Surface owned by Conard Shafer.  
 Address: Mr. Conard Shafer, Pinch, W. Va.  
 Coal owned by Union Carbide Chemicals Co.  
 Address: 437 MacCorkle Ave. S.W. South Charleston, W. Va.

2,55 W  
 1,08 Q

New Location   
 Drill Deeper   
 Abandonment

DEC 31 1959  
 On 800 Map No. 101. Sqs. 571 W 44

Company	<u>Pack &amp; Jackson</u>
Address	<u>Hamlin, W. Va.</u>
Farm	<u>Blue Creek Tract</u>
Tract	Acres _____ Lease No. _____
Well (Farm) No.	<u>20</u> Serial No. _____
Elevation (Spirit Level)	<u>976.5</u>
Quadrangle	<u>Clendenin</u>
County	<u>Kanawha</u> District <u>ETH</u>
Engineer	<u>Elsworth Staines</u>
Engineer's Registration No.	<u>2221</u>
File No.	_____ Drawing No. _____
Date	<u>Nov. 3rd, 1959</u> Scale <u>1" = 400 Feet</u>

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

WELL LOCATION MAP

FILE NO. KAN-1297-A

+ 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.

6-5219



7003

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Clendenin

Permit No. 1797-A

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company South Penn Natural Gas Co.  
Address Union Trust Bldg., Parkersburg, W. Va.  
Farm Blue Creek Tract Acres \_\_\_\_\_  
Location (waters) \_\_\_\_\_  
Well No. 20 Elev. 976.5  
District Elk County Kanawha  
The surface of tract is owned in fee by Conard Shafer  
Address Pinch, W. Va.  
coal rights are owned by Union Carbide Chem. Co.  
137 MacGorkle Ave. S.W. Address South Charleston,  
W. Va.  
Drilling commenced 2/26/13  
Drilling completed 4/25/13  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_  
WELL FRACTURED \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			<u>Hook wall</u>
10	<u>176'</u>	<u>176'</u>	Size of _____
8 1/4	<u>1314'</u>	<u>1314'</u>	
6 3/4	<u>1567'</u>	<u>1567'</u>	Depth set _____
5 3/16	<u>1591'</u>	<u>1591'</u>	
3			Perf. top _____
2	<u>1940'</u>	<u>1940'</u>	Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

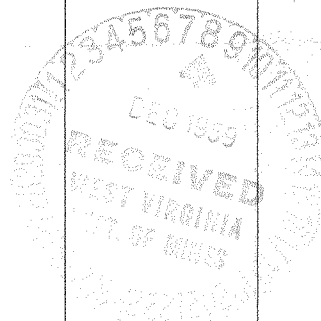
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 130 FEET \_\_\_\_\_ INCHES  
230 FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT \_\_\_\_\_

ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_

Fresh Water \_\_\_\_\_ Feet Salt Water \_\_\_\_\_ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay				24			
Slate				50			
Sand			50	80	Water	60	
Coal			130	134			
Sand			134	160			
Slate			160	190			
Lime			190	230			
Coal			230	235	Water	235	
Slate & Shell			235	760			
Sand			760	800			
Black Slate			800	825			
Salt Sand			825	1300			
Red rock			1300	1305			
Lime			1305	1312			
Slate & Shell			1312	1400			
Lime			1400	1440			
Slate			1440	1448			
Maron Sand			1448	1483			
Slate			1483	1523			
Little Lime			1523	1543			
Pencil Cave			1543	1547			
Lime			1547	1554			
Big Lime			1554	1702			
Red rock			1702	1730			
Red Sand			1730	1810			
Weir Sand	white		1870	1935	Oil & Gas	1926	
Slate			1935	1939			
Total depth				1939			



JUN 29 1960