

Coal & Surface
 Horse Creek Coal & Land Co.
 Charlottesville, Va.

# 9	4.37 W
	2.98
# 13	4.24 W
	2.94

New Location
 Drill Deeper
 Abandonment

JUL 13 1942

583-84 W 73-74 Map 134 W.

Company South Penn Natural Gas Co.
 Address Parkersburg, W. Va.
 Farm Horse Creek Coal & Land Co.
 Tract _____ Acres 110 Lease No. 80238
 Well (Farm) No. 13 Serial No. _____
 Elevation (Spirit Level) _____ 13 = 1043.96
 Quadrangle Madison
 County Lincoln District Duval
 Engineer E.C. Tabler
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date May 19, 1942 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. LIN 328 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.

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

607

WELL RECORD

Permit No. 328 A

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

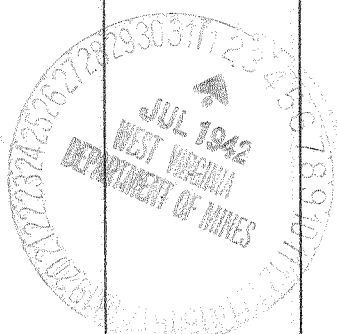
Company **South Penn Natural Gas Company**
Address **Union Trust Bldg. Parkersburg, W. Va.**
Farm **Horse Creek Coal & Land Co. 110**
Location (waters) **Big & Little Horse Creek, Coal**
Well No. **13** Elev. **1045.26**
District **Duval** County **Lincoln**
The surface of tract is owned in fee by **H.C. Coal & Land Co**
Charlottesville, Virginia
Mineral rights are owned by **H.C. Coal & Land Co.,**
Charlottesville, Virginia
Drilling commenced **April 8, 1916**
Drilling completed **June 1, 1916**
Date Shot **6-1-16** From **2477** To **2489**
With **60 qts.**

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16		16'	-
13			-
10		57'	Size of
8 1/4		688'	-
6 5/8		1795'	Depth set
5 3/16			-
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow /10ths Water in. --- Inch
/10ths Merc. in. --- Inch
Volume --- Cu. Ft.
Rock Pressure --- lbs. --- hrs.
Oil --- bbls., 1st 24 hrs.
Fresh water --- feet
Salt water **1095** feet **1177** feet

CASING CEMENTED - SIZE - No. Ft. - Date
COAL WAS ENCOUNTERED AT **263** FEET **24** INCHES
407 FEET **36** INCHES **520** FEET **144?** INCHES
- FEET - INCHES - FEET - INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			53	53			
Sand			53	63			
Red Rock			63	95			
Sand			95	125			
Slate			125	160			
Sand			160	135			
Slate			185	220			
Lime			220	235			
Slate			235	263			
Coal			263	265			
Slate			265	325			
Sand			325	398			
Slate			398	407			
Coal			407	410			
Slate			410	432			
Lime			432	470			
Black Slate			470	482			
Lime			482	484			
Sand			484	508			
Slate			508	520			
Coal			520	532?			
Slate			532	536			
Sand			536	595			
Slate			595	640			
Sand			640	675			
Lime			675	680			
Slate			680	790			
Sand			790	820			
Slate			820	1035			
Lime			1035	1043			
Slate			1043	1055			
Slate			1055	1648			
					1st Water	1095	
					End Water	1177	
Red Rock			1648	1667			
Slate			1667	1690			
Lime			1690	1712			
Red Rock			1712	1727			



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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Cont'd.							
Slate			1727	1742			
Maxon Sand			1742	1766			
Little Grit			1766	1786			
Pencil Cave			1786	1790			
Big Lime			1790	1983			
Injun Sand			1983	2052			
Slate			2052	2168			
Lime			2168	2210			
Slate			2210	2280			
Lime Shells			2280	2315			
Slate			2315	2426			
Lime			2426	2448			
Coiffe/Slate			2448	2473			
Berea			2473	2491			
					First Oil	2478-2488	
Total Depth				2491			

Date ~~1911~~ July 1, ~~1911~~, 1942

APPROVED. SOUTH PENN NATURAL GAS COMPANY, Owner

By *Ellis E. Young* Land Agent.
(Title)