

Latitude 39° 20'

Longitude 80° 35'

Jos. M. Richards

John Law

Thos. Law Hrs

O.D. Hall

F.M. Williams Lease

Sarah Whiteman Surface
Salem W. Va.

Coal to J. Q. Swearingen in 1901
Sold to State of W. Va for tax 1931

OK's Furbee

Blaine Calhoun

Myrtle Garrett

Aubrey M. Gum

4.50 S
1.33 W

- New Location
- Drill Deeper
- Abandonment

S13 E1-W1

Company South Penn Natural Gas Co.
 Address Parkersburg W. Va.
 Farm F. M. Williams
 Tract _____ Acres 330 Lease No. 31424
 Well (Farm) No. 5 Serial No. _____
 Elevation (Spirit Level) 1337.47 Ground
 Quadrangle Center Point
 County Doddridge District Greenbrier
 Engineer Emmon Haines
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date 4-3-'42 Scale 1"-800'

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

WELL LOCATION MAP
 FILE NO. DOD-402-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

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WELL RECORD

Permit No. 1000A

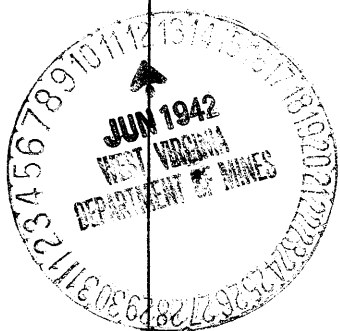
Oil or Gas Well OIL
(KIND)

Company South Penn Natural Gas Company
Address Union Trust Bldg. Parkersburg, W. Va.
Farm F. M. Williams Acres 330
Location (waters) Buffalo Calf
Well No. 5 Elev. 1337.47
District Greenbrier County Doddridge
The surface of tract is owned in fee by Sarah Whiteman
Address Salem, W. Va.
Mineral rights are owned by Harvey F. Smith et al
514 Philippi St. Address Clarksburg, W. Va.
Drilling commenced June 7, 1904
Drilling completed August 1, 1904
Date Shot 8-3-04 - 30 Qt. To 2-18-19 - 30 Qt.
With ---
Open Flow /10ths Water in --- Inch
/10ths Merc. in --- Inch
Volume --- Cu. Ft.
Rock Pressure --- lbs. --- hrs.
Oil 5 bbls., 1st 24 hrs.
Fresh water --- feet --- feet
Salt water --- feet --- feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			-
13			-
10	334' (Pulled)		Size of
8 1/4	1674'		-
6 5/8	2635'		Depth set
5 3/16			-
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
Cond. 12'			Perf. bottom

CASING CEMENTED --- SIZE --- No. Ft. --- Dat ---
COAL WAS ENCOUNTERED AT 1115 FEET 36 INCHES
--- FEET --- INCHES --- FEET --- INCHES
--- FEET --- INCHES --- FEET --- INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal			1115	1118			
Dunkard Sand			1620	1700			
Salt Sand			2120	2210			
Maxon Sand			2270	2320			
Big Lime			2380	2450			
Big Injun Sand			2450	2540			
50 Foot Sand			3000	3005			
30 Foot Sand			3085	3100			
Stray Sand			3161	3172			
Gordon Sand			3198	3208			
					Pay	3202	
Total Depth				3268			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date **June 11, 1942.**, 194

APPROVED **SOUTH PENN NATURAL GAS COMPANY,** Own

By *Eltor Elp...* Land Agent.
(Title)