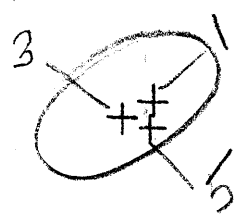


Latitude $39^{\circ} 20'$
 1-1.28S
 1-4.27W



Iva C. Chipps
 3-1.36S
 4.43W

5-1.41S
 4.28W

Madge Hefflin
 34 1/4^{ac}

Part of A. J. Varner Lease
 Madge Hefflin
 89^{ac} Surf.
 Salem, W. Va.

A. P. W. Flanagan Hrs.
 155.08^{ac}

Coal: Virginia A Tetrick
 Clarksburg, W. Va.

New Location
 Drill Deeper
 Abandonment ✓

S10 E 2 Map N 28

Company South Penn Natural Gas Co.
 Address Parkersburg, W. Va.
 Farm A. J. Varner
 Tract _____ Acres 207 Lease No. 32980
 Well (Farm) No. 3-5 Serial No. _____
 Elevation (Spirit Level) See Above.
 Quadrangle Centerpoint
 County Harrison District Ten Mile
 Engineer Emmon Haines
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date Mar. 20, 1942 Scale 1"=400'

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

WELL LOCATION MAP
 HAR-732-A #1
 FILE NO. ~~HAR-733-A #3~~
 HAR-734-A #5

+ 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.

Longitude 80 30

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

591

Permit No. *13-11*

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

Company **South Penn Natural Gas Company**
 Address **Union Trust Bldg. Parkersburg, W. Va.**
 Farm **A. J. Varner** Acres **207**
 Location (waters) **Jacobs Run**
 Well No. **1** Elev. **1344.16'**
 District **Ten Mile** County **Harrison**
 The surface of tract is owned in fee by **Madge Hefflin**
 Address **Salem, W. Va.**
 Mineral rights are owned by **Otto Varner et al**
 Address **Salem, W. Va.**
 Drilling commenced **Jan. 17, 1901**
 Drilling completed **Mar. 15, 1901**
 Date Shot **See below** From **-----** To **-----**
 With **-----**

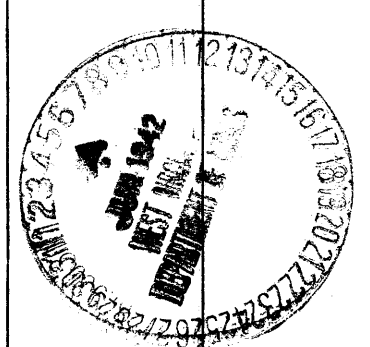
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer -
13			-
10	798' 7"		Size of -
8 1/4	1713' 3" (Pulled)		-
6 5/8	2468'		Depth set -
5 3/16	2521'		-
3			Perf. top -
2			Perf. bottom -
Liners Used			Perf. top -
			Perf. bottom -

Open Flow /10ths Water in **-----** Inch
 /10ths Merc. in **-----** Inch
 Volume **-----** Cu. Ft.
 Rock Pressure **-----** lbs. **-----** hrs.
 Oil **40** bbls., 1st 24 hrs.
 Fresh water **-----** feet **-----** feet
 Salt water **-----** feet **-----** feet

CASING CEMENTED **-** SIZE **-** No. Ft. **-** Date **-**
 COAL WAS ENCOUNTERED AT **1132** FEET **72** 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			1132	1138			
Big Dunkard			1678	1750			
Salt Sand			2082	2182			
Big Lime			2422	2482			
Big Injun			2482	2532			
50 Foot Sand			2974	3000			
30 Foot Sand			3126	3155			
Stray Sand			3172	3199			
Slate			3199	3203	011	3184	
Total Depth				3203			

SHOT RECORD:
 Mar. 23 - 1901 - 30 Qts.
 Feb. 8 - 1906 - 30 "
 June 17 - 1927 - 20 "
 June 24 - 1927 - 40 "



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

Date **June 3, 1942**, 194

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

By *Elton E. Sperry* Land Agent.
(Title)