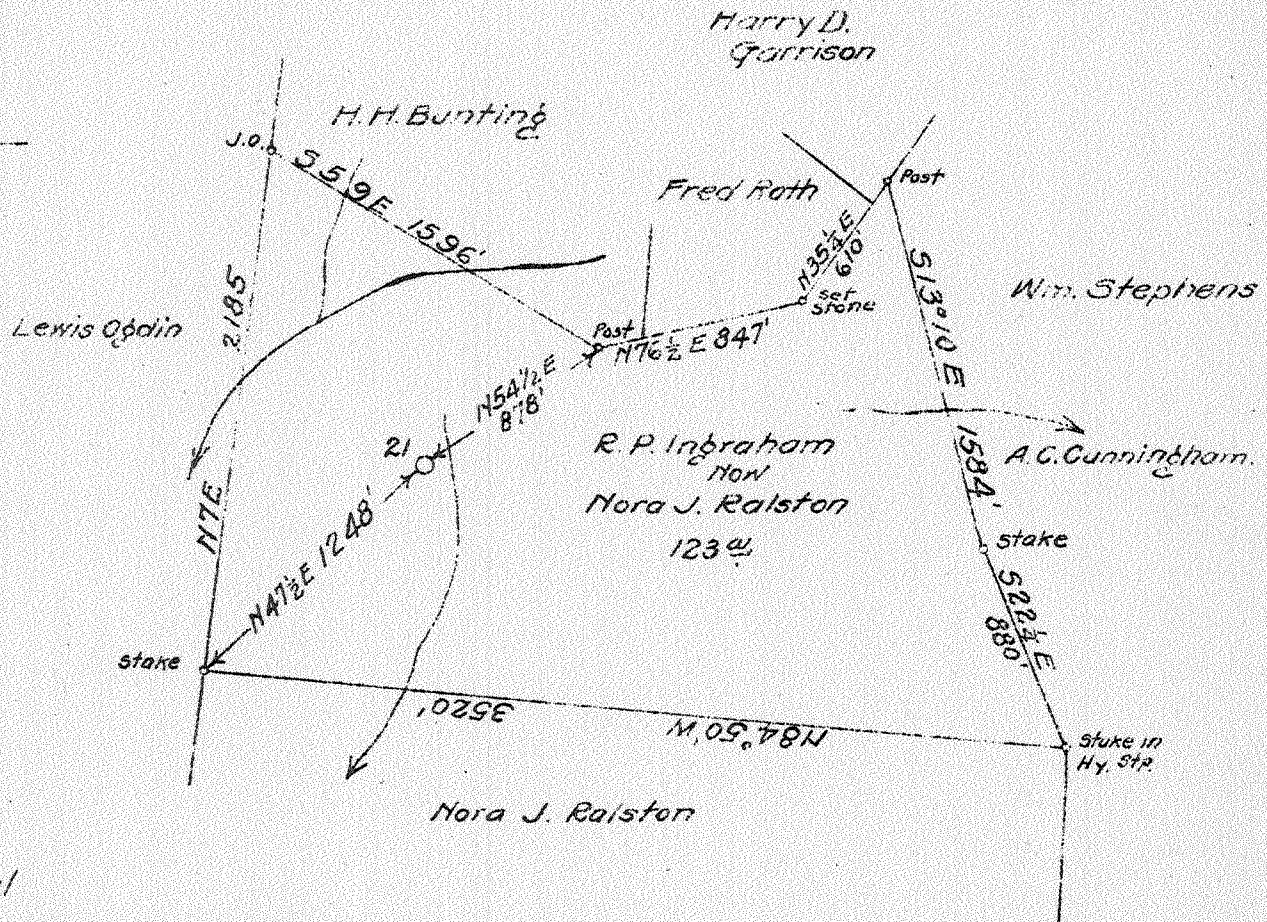


Latitude 39 20

Longitude 81 20



no Coal
 Surface: Nora J. Ralston
 Williamstown, W. Va.

292 W
 217 S

New Location
 Drill Deeper
 Abandonment

JUL 30 1940

Company South Penn Natural Gas Co.
 Address Parkersburg, West Va.
 Farm R.P. Ingraham
 Tract _____ Acres 392 Lease No. 53128
 Well (Farm) No. 21 Serial No. _____
 Elevation (Spirit Level) 828.28
 Quadrangle Marietta
 County Wood District Union
 Engineer E.C. Tabler
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date May 3, 1940 Scale 1" = 800'

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

WELL LOCATION MAP
 FILE NO. Woo-191A

+ 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

184
OIL

WELL RECORD

Ab 191-A
Permit No. 191-A

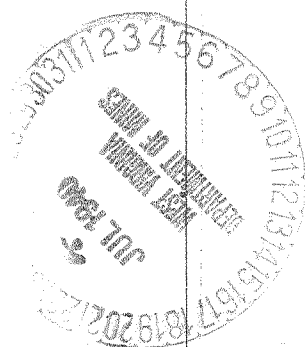
Oil or Gas Well (Kind)

Company **South Penn Natural Gas Company**
 Address **Union Trust Bldg. Parkersburg, W. Va.**
 Farm **R. P. Ingraham** Acres **21**
 Location (waters) -----
 Well No. **21** Elev. **828.28'**
 District **Union** County **Wood**
 The surface of tract is owned in fee by **Nora J. Ralston, Williamstown, W. Va.**
 Mineral rights are owned by **Nora J. Ralston Williamstown, W. Va.**
 Drilling commenced **July 1896**
 Drilling completed **August 1896**
 Date shot **See below** Depth of shot -----
 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 ----- feet
 Salt water ----- feet ----- feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13	400 (Pulled)		
10	1061 (Pulled)		Size of
8 1/4	1851		
6 5/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED ----- SIZE ----- No. Ft. ----- Date -----
 COAL WAS ENCOUNTERED AT ----- FEET ----- INCHES
 ----- FEET ----- INCHES ----- FEET ----- INCHES
 ----- FEET ----- INCHES ----- FEET ----- INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Berea Sand			2185	2195	Oil	2185	
Total Depth				2209			
(Above only well record available).							
Following formations estimated from well No. 25.							
Cow Run Sand			1140	1195	Non-productive		
Gas Sand			1265	1365	" "		
1st Salt Sand			1415	1465	" "		
2nd Salt Sand			1555	1615	" "		
Injun Sand			1680	1795	" "		
SHOT RECORD.							
	Aug. 21,	1896	40	qt.			
	Apr. 10	189 ?	36	"			
	Apr. 16,	189 ?	80	"			
	Aug. 19,	1918	100	"			



AUG 16 1890

