

Latitude 39° 30'

Longitude 80° 20'

ROBT. R. CUNNINGHAM

108 5/8[±]

EDGAR ROBINSON

22 1/4[±]

RALPH ROBINSON

22 1/2[±]

RUSSELL ROBINSON

23 1/4[±]

RE. HAWKINS

38[±]

L.D. SHAW

60[±]

OL. CUNNINGHAM

38[±]

56° E. 85 P

MILLY W. SHAW

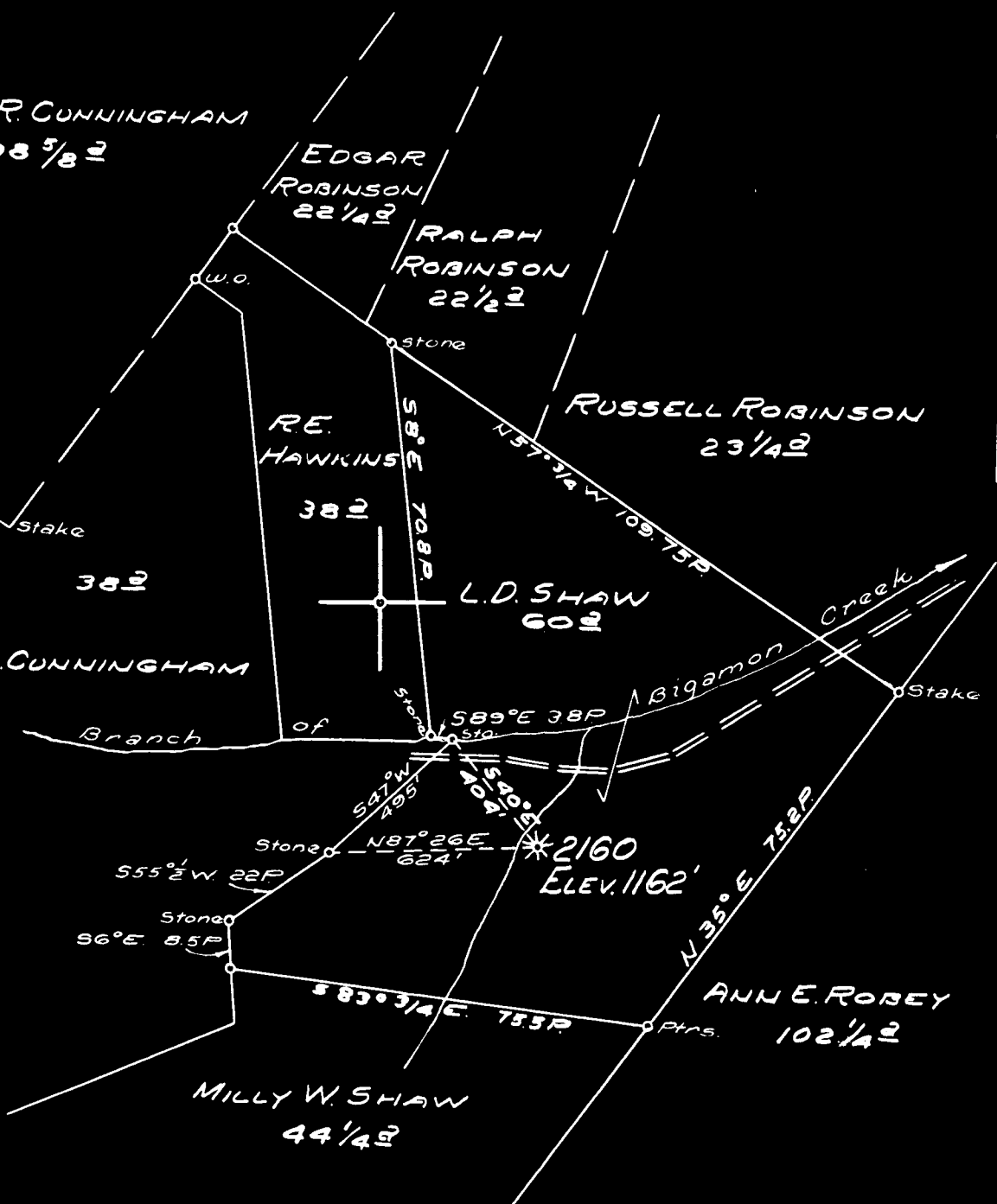
44 1/4[±]

ANNE E. ROBEY

102 1/4[±]

2160

ELEV. 1162'



4.51 S
4.50 W

- New Location...
- Drill Deeper...
- Abandonment...

MAP SH. 40, 52 E 11. FB. 543 P. 15

Company HOPE NATURAL GAS CO.

Address CLARKSBURG, W. VA.

Farm L. D. SHAW

Tract _____ Acres 60[±] Case No. 8367

Well (Farm) No. _____ Serial No. 2160

Elevation (Spirit Level) 1162'

Quadrangle CLARKSBURG

County HARRISON District EAGLE

Engineer Wm Bowers

Engineer's Registration No. 900

File No. _____ Drawing No. _____

Date 6-9-49 Scale 1" = 30 P.

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

WELL LOCATION MAP

FILE NO. HAR-1351-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

WELL RECORD

Permit No. _____

~~31006~~ Gas Well _____
(KIND)

Company Hope Natural Gas Company.
Address 445 West Main St. Clarksburg, W. Va.
Farm L.D. Shaw Acres 60
Location (waters) _____
Well No. 2160 Elev. 1162
District Beale County Harrison
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced March 30, 1911
Drilling completed May 1, 1911
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.
Fresh water none recorded feet _____ feet
Salt water none recorded feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	485	485	Size of
8 1/4	975	Pulled	
6 5/8	1763	1763	Depth set
5 3/16	2581	2581	
3			Perf. top
2			Perf. bottom
Liners Used <u>4 1/2</u>	103	103	Perf. top
			Perf. bottom

CASING CEMENTED 10 SIZE 485 No. Ft. 1911 Date

COAL WAS ENCOUNTERED AT 425 FEET 84 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			425	432			
Big Dunkard			940	1020			
Gas sand			1085	1120			
First Salt			1200	1255			
Second Salt			1273	1530			
Little lime			1670	1680			
Pencil cave			1680	1700			
Big lime			1700	1752			
Big Injun			1752	1844	gas	1765 1782	
Squaw			1854	1876			
Berea			2135	2150			
Fifty foot			2340	2396	gas	2345	
Thirty foot			2426	2448			
Gordon stray			2576	2594			
Gordon			2605	2633	gas	2609	
Drilled to				2944			
Filled back to				2659			

L. D. SHAW NO. 2160 WELL.

1351A

Eagle District, Harrison County, W. Va.
 By Hope Natural Gas Co., 445 W. Main St., Clarksburg, W. Va.
 Abandoned under permit Har-.....-47
 On 60 acres.
 Elevation, 1162' L.
 Drilling commenced March 30, 1911; completed May 1, 1911.
 No water recorded.
 10" casing, 485'; 8 1/2", 975' (pulled); 6 3/4", 1763'; 5 1/2", 2581';
 4 1/2" liner, 103'.
 Casing cemented: 10", 485', in 1911.
 Gas well. Record to Dept. of Mines dated Aug. 11, 1949.
 Record to ROT from Mrs. Griffith Nov. 4, 1949. Old File No. 1170.

	Top.	Bottom.
Pittsburgh Coal	425	- 432
Big Dunkard Sand	940	- 1020
Gas Sand	1085	- 1120
First Salt Sand	1200	- 1255
Second Salt Sand	1273	- 1530
Little Line	1670	- 1680
Pencil Cave	1680	- 1700
Big Line	1700	- 1752
Big Injun Sand (gas, 1765-1782')	1752	- 1844
Squaw Sand	1854	- 1876
Berea Sand	2135	- 2150
Fifty-foot Sand (gas, 2345')	2340	- 2396
Thirty-foot Sand	2426	- 2448
Gordon Stray Sand	2576	- 2594
Gordon Sand (gas, 2609')	2605	- 2633
Total depth		2914
Filled back to		2659