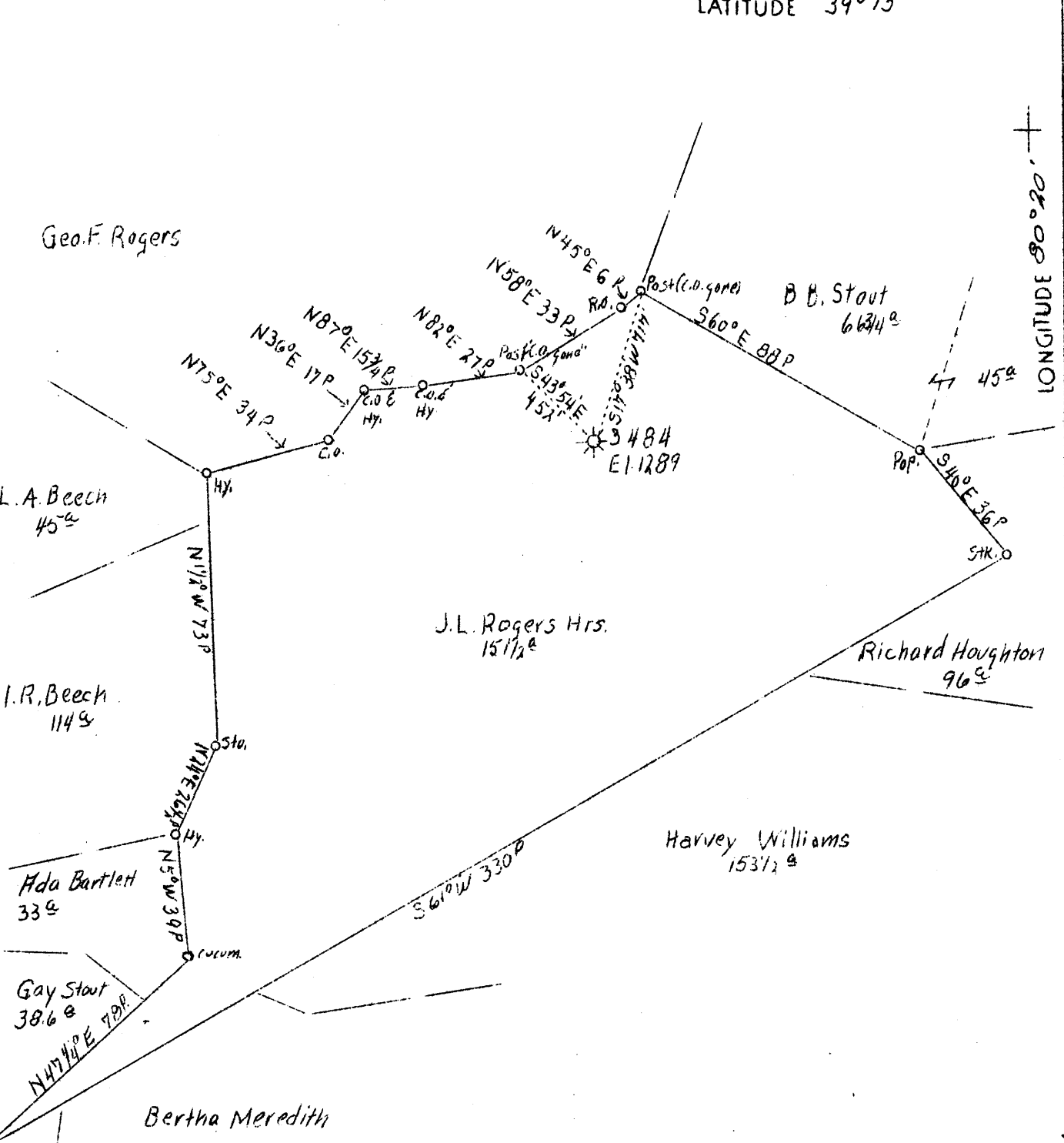


LATITUDE 39° 15'

LONGITUDE 80° 20'



0.98S W 25
0.24W S. 1.

F.B.D.

F.B. 527 P 32-33 S 16 E 15 Sh. 43

Company	Hope Natural Gas Co. 0384
Address	Clarksburg, W. Va.
Farm	J. L. Rogers Hrs.
Acres	150
Lease No.	21433
Well (Farm) No.	One
Serial No.	3484
Elevation (SL)	1289
Quadrangle	Weston
County	Harrison
District	Grant
Engineer	W. M. Bowers
Eng. Reg. No.	900
Date	Jan. 13, 1939
Scale	1" - 40 poles

STATE OF WEST VIRGINIA
Department of Mines
OIL & GAS DIVISION
Charleston

WELL LOCATION MAP

File No. Har-461-A

x Denotes location of well on U. S. 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.

Grant District, Harrison County, W. Va.
 By Hope Natural Gas Co., Clarksburg, W. Va.
 On 150 acres, on Brown Creek.

461A

Elevation, 1289' L.

Surface owned by Richard Pifer, Clarksburg, W. Va.

Drilling commenced May 29, 1914; completed, Aug. 29, 1914.

Shot Sept. 2, 1914, in 5th Sand.

No water recorded.

10" casing, 242'; 8 $\frac{1}{2}$ " , 1220' (pulled); 6 $\frac{5}{8}$ " , 1683'; 5 $\frac{3}{8}$ " , 2325';
 2" tubing, 2703' (pulled);

10" casing cemented, 242', 6-17-14; 10" casing cemented from
 bottom to surface.

Coal was encountered at 92-95 and 185-192'.

Gas well. Abandonment reported to Dept. of Mines Jan. 16, 1939.

Record to RCT from Mrs. Griffith March 6, 1939.

	Top.	Bottom.
Coal	92	- 95
Pittsburgh Coal	185	- 192
Little Dunkard Sand	585	- 600
Big Dunkard Sand	784	- 798
Gas Sand	895	- 946
First Salt Sand	1000	- 1060
Second Salt Sand	1100	- 1200
Maxton Sand	1280	- 1305
Little Lime	1420	- 1432
Pencil Cave	1432	- 1452
Big Lime	1452	- 1565
Big Injun Sand	1660	- 1760
Squaw Sand	1775	- 1794
Fifty-foot Sand	2149	- 2200
Thirty-foot Sand	2220	- 2265
Gordon Stray Sand	2307	- 2365
Gordon Sand	2380	- 2395
Fourth Sand	2570	- 2600
Fifth Sand (gas, 2665-2659')	2654	- 2665
Total depth		2893

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

381

WELL RECORD

Permit No. _____ Oil or Gas Well Gas
(Kind)

Ab 461-A

Company Hope Natural Gas Company
 Address Clarksburg, W. Va.
 Farm J. L. Rogers Heirs Acres 150
 Location (waters) Brown Creek
 Well No. 3484 Elev. 1289
 District Grant County Harrison
 The surface of tract is owned in fee by Richard Pifer,
 Address Clarksburg, W.Va.
 Mineral rights are owned by _____
 Address _____
 Drilling commenced 5-29-1914
 Drilling completed 8-29-1914
 Date shot 9-2-1914 Depth of shot 5th sand
 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			
16.			Kind of Packer
13.	242	242	
10.	1220	Pulled	Size of
8 1/4.	1683	1683	Depth set
6 5/8.	2325	2325	
5 3/16.			
3.			Perf. top
2.	2703	Pulled	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 10" SIZE 242 No. FT. 6-17-14 Date
10" casing cemented from bottom to surface.
 COAL WAS ENCOUNTERED AT 92 FEET 36 INCHES
185 FEET 84 INCHES FEET INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Coal			92	95			
Pittsburgh Coal			185	192			
Little Dunkard Sand			585	600			
Big Dunkard Sand			784	798			
Gas Sand			895	946			
First Salt Sand			1000	1060			
Second Salt Sand			1100	1200			
Maxon Sand			1280	1305			
Little Lime			1420	1432			
Pencil C ave			1432	1452			
Big Lime			1452	1565			
Big Injun Sand			1660	1760			
Squaw Sand			1775	1794			
Fifty Foot Sand			2149	2200			
Thirty Foot Sand			2220	2265			
Gordon Stray Sand			2307	2365			
Gordon Sand			2380	2395			
Fourth Sand			2570	2600			
Fifth Sand			2654	2665	Gas	2665-2659	
Total Depth				2893			

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

Date. ~~1938~~ January 16, 1939

APPROVED Hope Natural Gas Company, Owner

By *[Signature]* General Supt.
(Title)