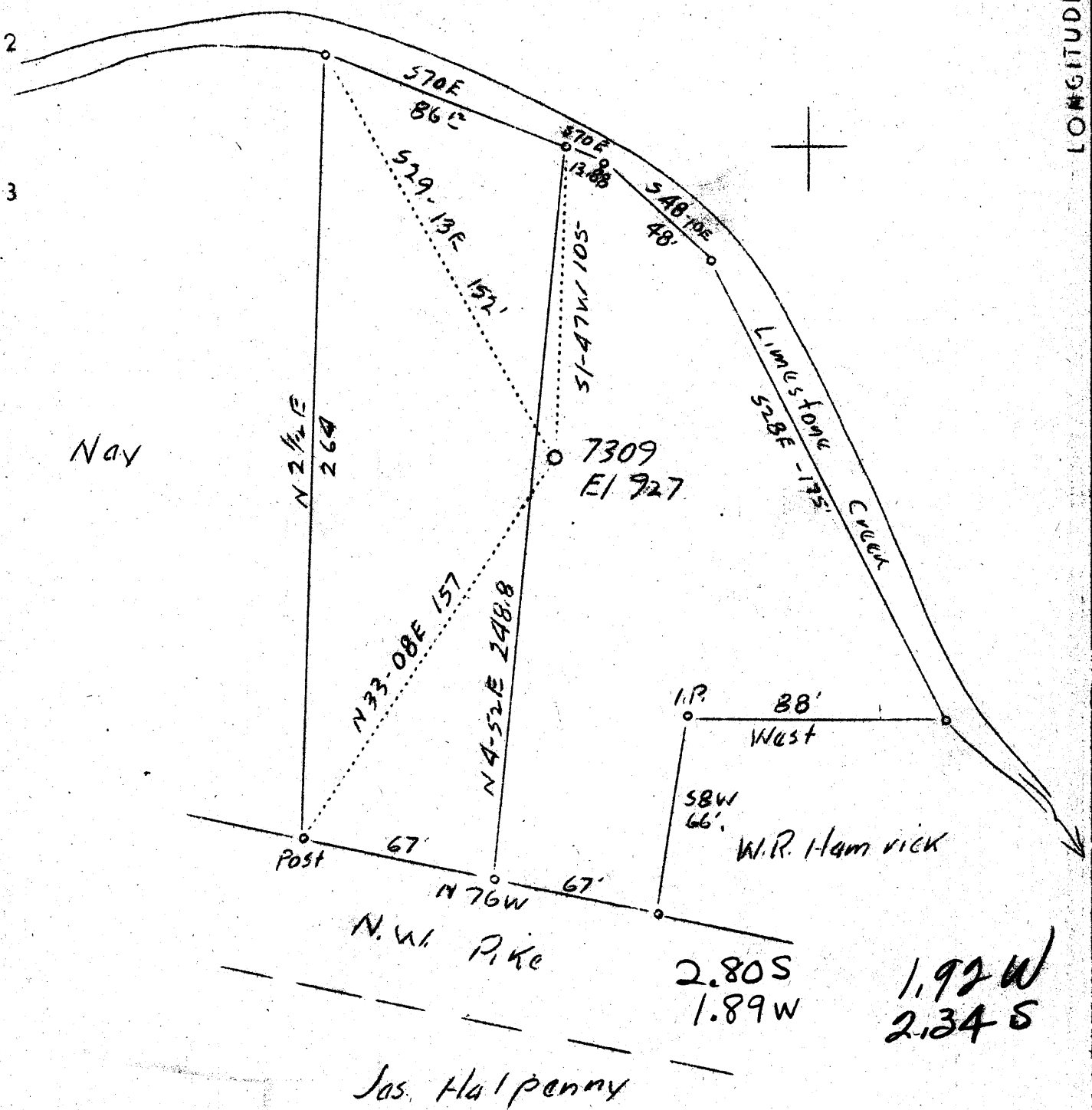


Glenwood Lots



Abd.

Sh. 44-512E14 FIB 655 1919

Company	Hope Natural Gas Co. 0384
Address	Clarksburg, W.Va.
Farm	Jas. Halpenny
Tract	Acres 1 Lease No. 44582
Well (Farm) No.	1 Serial No. 7309
Elevation (Spirit Level)	927
Quadrangle	Clarksburg, S.C.
County	Harrison District Coal
Engineer	J.A. Clark
Engineer's Registration No.	744
File No.	Drawing No.
Date	Jan. 6, 1938 Scale 1"=50'

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP

File No. HAR-416A

+ 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.

416A

Coal District, Harrison County, W. Va.

By Hope Natural Gas Co., Clarksburg, W. Va.

On 1 acres, on Limestone Run.

Elevation, 927' L.

Drilling commenced April 19, 1913; completed, June 5, 1913.

Well was not shot.

No fresh water recorded; salt water at 710'.

10" casing, 151'; 8" ¹/₂", 892'; 6" ¹/₂", 1371'; 5" ¹/₂", 2306'; 2" tubing, 2961'; all left in.

Casing not cemented. No coal was encountered.

Gas well. Abandonment reported to Dept. of Mines Jan. 11, 1938.

Record to HGT from Mrs. Griffith 2-9-38.

	Top.	Bottom.
Little Dunkard Sand	280	- 320
Big Dunkard Sand	400	- 460
First Salt Sand (water, 710')	700	- 800
Second Salt Sand	820	- 890
Maxton Sand	1100	- 1140
Big Lime	1230	- 1290
Big Injun Sand	1290	- 1400
50-Ft. Sand (show gas, 1822')	1798	- 1905
30-Ft. Sand	1910	- 1935
Gordon Sand	2070	- 2100
Fourth Sand (gas, 2117-2125')	2111	- 2135
Fifth Sand (gas, 2245-2250')	2241	- 2260
Speechley Sand (gas, 2940')	2938	- 2948
Total depth		2961

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

337

WELL RECORD

Permit No. HAR-416-A

Oil or Gas Well Gas
(Kind)

Company Hope Natural Gas Company
 Address Clarksburg, W. Va.,
 Farm James Halpenny Acres 1
 Location (waters) Lime Stone
 Well No. 7309 Elev. 927
 District Coal County Harrison
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced April 19, 1913
 Drilling completed June 5, 1913.
 Date shot Not shot. 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 None recorded feet _____ feet
 Salt water 710 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	151	151	Size of
8 1/4	892	892	
6 5/8	1371	1371	Depth set
5 3/16	2306	2306	
3			Perf. top
2	2961	2961	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
Not cemented
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
No coal
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Little Dunkard Sand			280	320			
Big Dunkard Sand			400	460			
First Salt Sand			700	800	Water	710	
Second Salt Sand			820	890			
Maxon Sand			1100	1140			
Big Lime			1230	1290			
Big Injun Sand			1290	1400			
Fifty Foot Sand			1798	1905	Show Gas	1822	
Thirty Foot Sand			1910	1935			
Gordon Sand			2070	2100			
Fourth Sand			2111	2135	Gas	2111-2125	
Fifth Sand			2241	2260	Gas	2245-2250	
Speechley Sand			2938	2948	Gas	2940	
Total Depth			2961				

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

Date January 11, 1938

APPROVED Hope Natural Gas Company, Owner

By [Signature] Asst. General Supt.,
(Title)