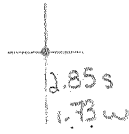


39° 07' 30"

Latitude

80° 20' 00"

Longitude



Topo Location

7.5' Loc. _____ 15' Loc. _____
 _____ (calc.) _____

Company Hope Nat Gas

Farm Hard-Gaston #2477

15' Quad _____
(sec.)

7.5' Quad Berlin

District Hockers Creek

WELL LOCATION PLAT

County 041 Permit 30168

Latitude

Longitude

2.85s
1.63w

Topo Location

7.5' Loc. _____ 15' Loc. _____
(calc.) _____

Lewis Co Rept 25

Company Hope

Farm Hall + Gaston #2477

15' Quad _____
(sec.)

7.5' Quad Berlin

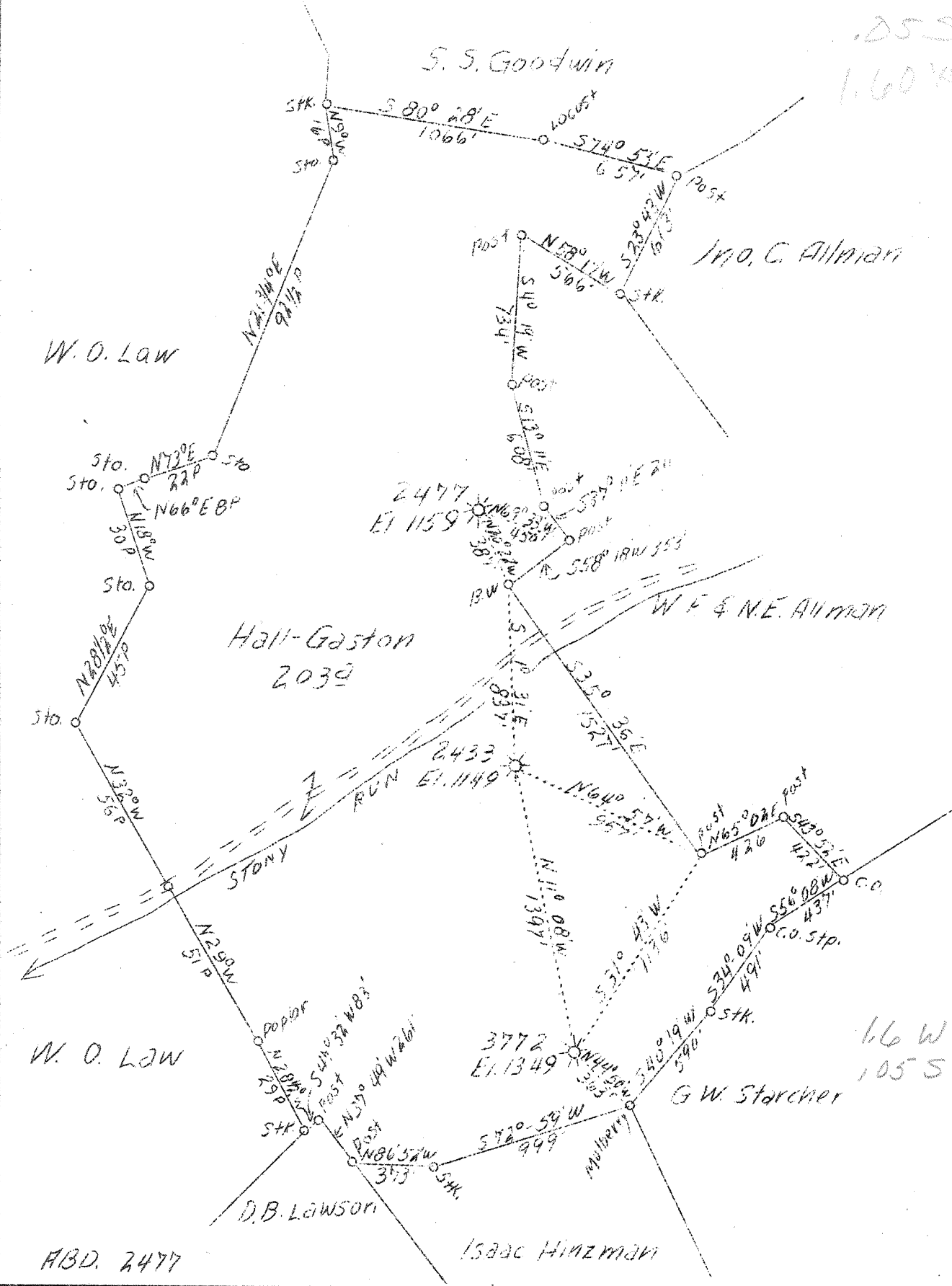
District Hacker's Creek

WELL LOCATION PLAT

County 041 Permit ~~70195~~
NOW
30168

LATITUDE 39° 05'

LONGITUDE 80° 20'



Company Hope Natural Gas Co.
 Address Clarksburg, W. Va.
 Farm Hall-Gaston
 Acres 203
 Lease No. 13488
 Well (Farm) No. -
 Serial No. 2438 - 2477 - 3772
 Elevation (SL) 1149 - 1159 - 1349
 Quadrangle Weston
 County Lewis
 District Hackers Creek
 Engineer W. M. Bowers
 Eng. Reg. No. 900
 Date Feb. 16, 1939
 Scale 1" - 40 poles

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

WELL LOCATION MAP

File No. Lew-168-A
well # 2477

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.

Hackers Creek District, Lewis County, W. Va.

168A

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

On 20 $\frac{1}{4}$ acres, on Hackers Creek.

Elevation, 1159' L.

Surface owned by E. M. Hall, Weston, W. Va.

Drilling commenced Apr. 9, 1912; completed, June 8, 1912.

Shot June 2, 1912, in 5th Sand.

No water recorded.

10" casing, 138' (pulled); 8 $\frac{1}{2}$ " , 579' (pulled); 6 $\frac{5}{8}$ " , 1449'.

Casing not cemented. No coal was encountered.

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

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

	Top.	Bottom.
Little Dunkard Sand	120	- 145
Big Dunkard Sand	350	- 368
Gas Sand	513	- 630
First Salt Sand	695	- 810
Second Salt Sand	830	- 900
Maxton Sand	1305	- 1323
Little Lime	1346	- 1365
Pencil Cave	1365	- 1374
Big Lime	1374	- 1444
Big Injun Sand	1444	- 1579
Squaw Sand	1606	- 1616
Gantz Sand (gas, 1734')	1732	- 1770
Fifty-foot Sand (gas, 1800')	1790	- 1819
Thirty-foot Sand	1912	- 1930
Gordon Stray Sand	1975	- 1991
Gordon Sand	1996	- 2105
Fourth Sand (gas, 2241')	2239	- 2243
Fifth Sand (gas, 2273')	2270	- 2282
Total depth		2322

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

258

Permit No. Ab 168-A

Oil or Gas Well Gas
(Kind)

Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm Hall-Gaston Acres 204
Location (waters) Hackers Creek
Well No. 2477 Elev. 1159
District Hackers Creek County Lewis
The surface of tract is owned in fee by F. M. Hall
Address Weston, W. Va.
Mineral rights are owned by _____
Address _____
Drilling commenced 4-9-1912
Drilling completed 6-8-1912
Date shot 6-8-1912 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			Kind of Packer
16			
13			
10	188	Pulled	Size of
8 1/4	679	Pulled	
6 5/8	1449	1449	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Little Dunkard Sand			120	145			
Big Dunkard Sand			350	368			
Gas Sand			513	630			
First Salt Sand			695	810			
Second Salt Sand			830	900			
Naxon Sand			1305	1323			
Little Lime			1346	1365			
Pencil Cave			1365	1374			
Big Lime			1374	1444			
Big Injun Sand			1444	1579			
Squaw Sand			1606	1616			
Gantz Sand			1732	1770	Gas	1734	
Fifty Foot Sand			1790	1819	Gas	1800	
Thirty Foot Sand			1912	1930			
Gordon Stray Sand			1975	1991			
Gordon Sand			1996	2105			
Fourth Sand			2239	2243	Gas	2241	
Fifth Sand			2270	2282	Gas	2273	
Total Depth				2322			

258 - 6 1939

