

Latitude

+

1.675
.83w

Longitude

Topo Location

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

Company _____

Farm _____

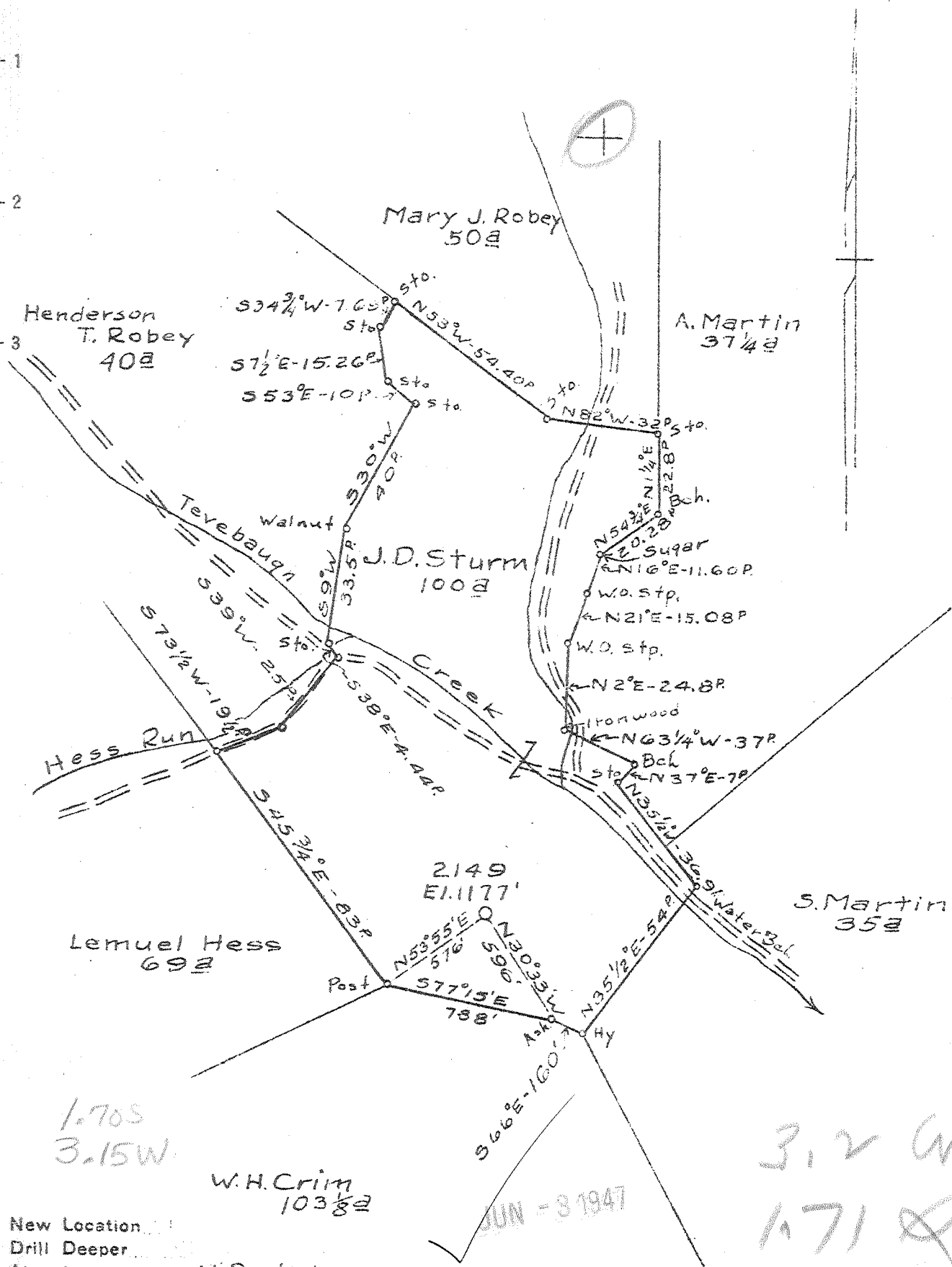
15' Quad _____
(sec.)

7.5' Quad Shinnston

District Lincoln

WELL LOCATION PLAT

County 049 Permit 30468



New Location
 Drill Deeper
 Abandonment Partial

Map Sh 30-N2 E17-F.B.861 P16-7

Company	HOPE NATURAL GAS CO.
Address	CLARKSBURG, W. VA.
Farm	J.D. STURM
Tract	Acres 100 Lease No. 5049
Well (Farm) No.	Serial No. 2149
Elevation (Spirit Level)	1177'
Quadrangle	CLARKSBURG
County	MARION District LINCOLN
Engineer	W.M. Bowers
Engineer's Registration No.	900
File No.	Drawing No.
Date	5-22-47 Scale 1" = 40 FEET

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

WELL LOCATION MAP
 FILE NO. MAR-468-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.



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. Y68-A or Gas Well _____ (KIND)

Company Hope Natural Gas Company.
Address 445 West Main St. Clarksburg, W. Va.
Farm J.D. Sturm Acres 100
Location (waters) _____
Well No. 2149 Elev. 1177
District Lincoln County Marion
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____

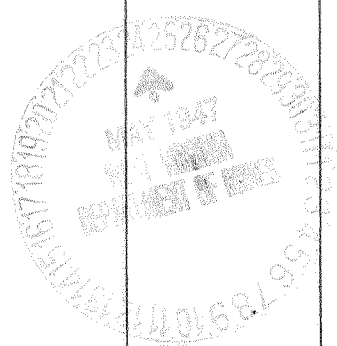
Drilling commenced March 13, 1911
Drilling completed April 13, 1911
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water 1400 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	506	506	Size of
8 1/4	1413	1413	
6 5/8	1821	1821	Depth set
5 3/16	2365	2365	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 10 SIZE 506 No. Ft. 1911 Date

COAL WAS ENCOUNTERED AT 330 FEET 108 INCHES
443 FEET 84 INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Native Coal			330	339			
Pittsburgh Coal			443	450			
Big Dunkard			895	995			
First Salt			1160	1190			
Second Salt			1250	1425	water	1400	
Little Line			1750	1760			
Pencil cave			1760	1767			
Big Line			1767	1855			
Big Injun			1855	1937	gas	1860	
Squaw			1948	1969	gas	1949	
Fifty foot			2377	2455			
Thirty foot			2516	2528			
Gordon stray			2610	2635			
Gordon			2705	2740			
Fourth			2744	2764			
Fifth			2830	2834	gas	2831 2846	
Total depth				2914			



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

Date May 21, 1947., 19___

APPROVED Hope Natural Gas Company., Owner

By General Superintendent. (Title)

