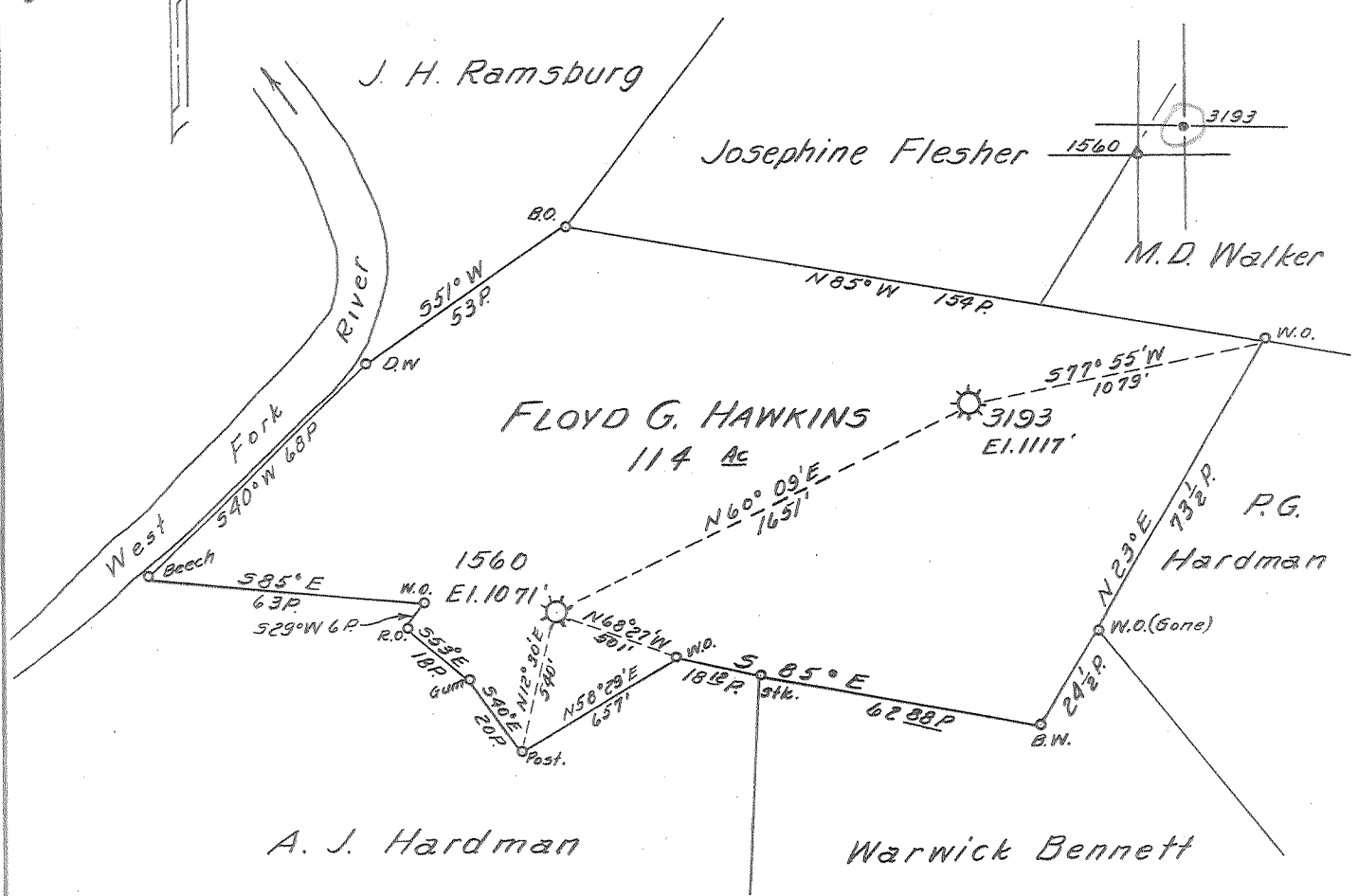


Latitude 39° 10'

Longitude 80° 25'

3,915
1.00 W



New Location
 Drill Deeper
 Abandonment 3193

MAP SHEET 57, S-24 E-9, F.B. 546 P.16

Company HOPE NATURAL GAS CO.
 Address CLARKSBURG, W.VA.
 Farm FLOYD G. HAWKINS
 Tract _____ Acres 114 Lease No. 9726
 Well (Farm) No. _____ Serial No. AS SHOWN
 Elevation (Spirit Level) AS SHOWN
 Quadrangle WESTON
 County LEWIS District HACKERS CREEK
 Engineer Guy H. Bradley
 Engineer's Registration No. 2425
 File No. _____ Drawing No. _____
 Date 10/31/60 Scale 1" = 4 POLES

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

WELL LOCATION MAP
 FILE NO. LEW-744-R

+ 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.



(Handwritten initials)

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle West Union

Permit No. 144A

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm F. G. Hawkins Acres 114
Location (waters) _____
Well No. 3193 Elev. 956'
District Hackers Creek County Lewis 1117
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced 10-9-13
Drilling completed 10-31-13
Date Shot 1-27-14 From Big Injun Sand
With 70 Qts. Nitro
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume Exhausted (Old well) Cu. Ft.
Rock Pressure None lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED No
WELL FRACTURED No

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	<u>170</u>	<u>None</u>	Size of
8 3/4	<u>878</u>	<u>878</u>	
6 5/8	<u>1276</u>	<u>1276</u>	Depth set
5 3/16			
3			Perf. top
2	<u>1471</u>	<u>None</u>	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
No cementing done
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
Below all coal
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT _____
ROCK PRESSURE AFTER TREATMENT _____
Fresh Water No record of water in this well Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Little Dunkard			203	332			
Big Dunkard			355	475			
Gas Sand			510	538			
First Salt			543	632			
2nd Salt			845	900			
Maxton			1170	1185			
Little Line			1205	1220			
Pencil Cave			1220	1250			
Big Line			1250	1310			
Big Injun			1310	1445	<u>Gas</u>	<u>1328'</u>	
Total Depth-				<u>1469'</u>			



October 29, 1960
Jack Bailey
Hope Natural Gas Company
AUG 2 1961