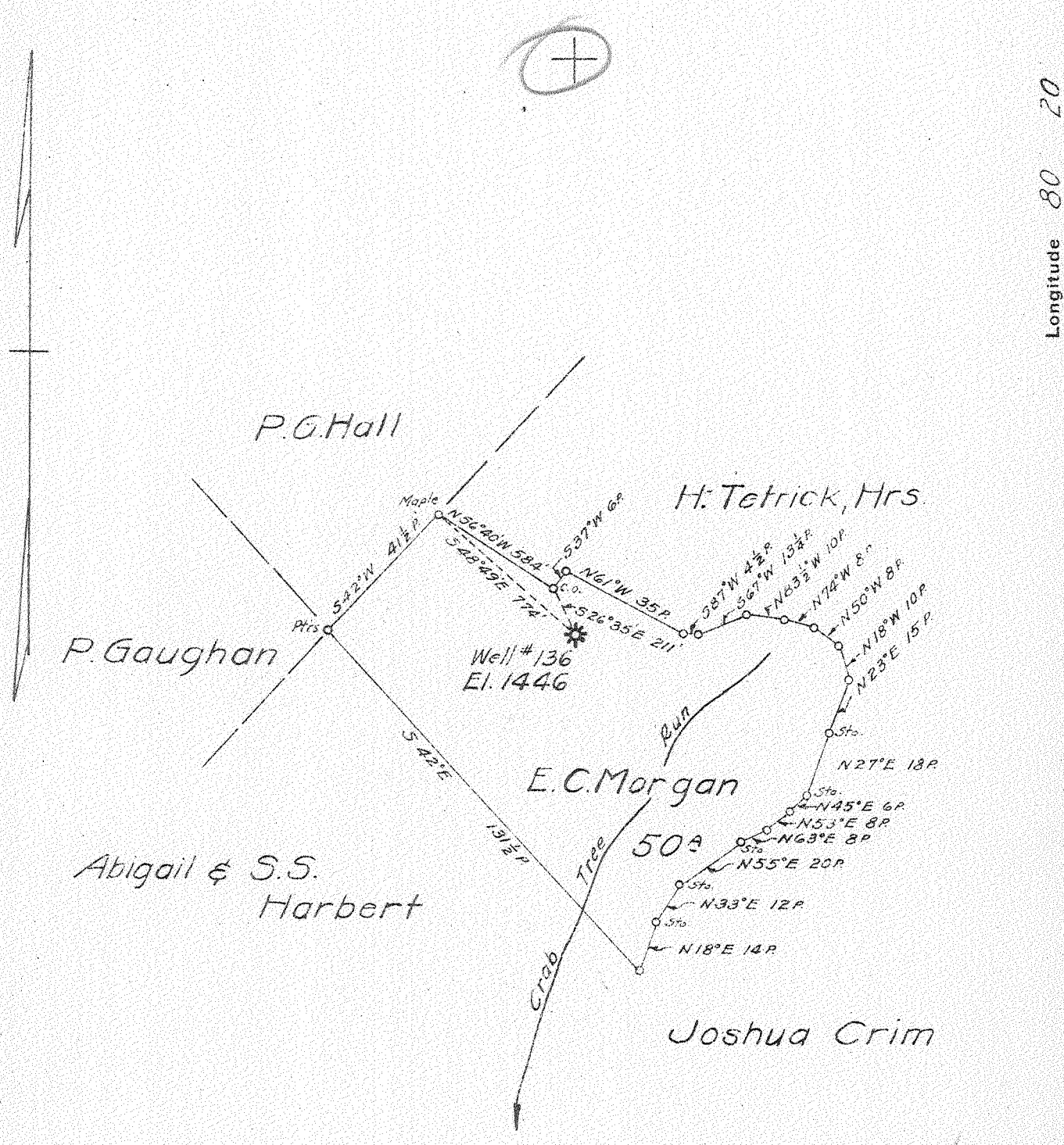


Latitude 9° 30'

Longitude 80 20



1.335
3.24 W
DEC 19 1944
3,28 W
1.32

New Location
 Drill Deeper
 Abandonment

Map Sh. 31 Sq. N-2 E-13 FB. 764 P. 28

Company Hope Natural Gas Co.
 Address Clarksburg, W. Va.
 Farm E. C. Morgan
 Tract _____ Acres 50 Lease No. 698
 Well (Farm) No. _____ Serial No. 136
 Elevation (Spirit Level) 1446'
 Quadrangle Clarksburg
 County Marion District Mannington
 Engineer Wm Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date Dec. 2, 1944 Scale 1" = 40 ft.

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

WELL LOCATION MAP
 FILE NO. MAR-409-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.

Well No. 136 Lease No. Name E. C. Morgan District.....

District MANNINGTON County MARION State.....

Location Made..... First Work Done.....
 Rig Commenced..... Rig Completed.....
 Drilling Commenced..... Drilling Completed Aug. 18, 1893
 Rig Contractor..... { Drilling Contractor }
 Drillers..... { H. N. G. Co. Tools, String No. }
 Tool Dressers.....

FORMATION	Open or Close Hard or Soft	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Native Coal								
Pittsburgh Coal		<u>822</u>	<u>890</u>					
Little Dunkard								
Big Dunkard								
Gas Sand								
First Salt								
Second Salt								
Third Salt								
Maxon								
Little Lime								
Pencil Cave								
Big Lime								
Keener								
Big Injun		<u>2714</u>	<u>4345</u>					
Squaw								
Weir								
Berea								
Gantz		<u>2770</u>	<u>2830</u>					
Fifty Foot		<u>2860</u>	<u>2900</u>					
Thirty Foot								
Gordon Stray		<u>2990</u>	<u>3045</u>					
Gordon		<u>3052</u>					<u>3055</u>	
Fourth								
Fifth								
Total Depth			<u>3055</u>					

SIZE	Charged to Well		Put in Well		Pulled Out		Left in Well		Transferred Before Completing		Left at Well Not in Use		Steel Line Measurement		If more than two strings of casing are left in hole, give reasons for leaving additional strings
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	
13" Csg.															
10" "															
8 1/4" "															
6 5/8" "															
5 3/8" "															
Tbg.															

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS

SHOOTING RECORD (if shot before or upon completion of well)

DATE	Quarts	Top of Shell	Bottom of Shell	Diameter	Sand	TEST BEFORE SHOT			TEST AFTER SHOT			Test Taken After Shot No. Hours	By Whom Shot
						Reading	Liquid	Opening	Reading	Liquid	Opening		

CEMENTING RECORD

Date Cemented..... Size Hole Cemented..... Size Casing Cemented.....
 Top Pittsburgh Coal..... Top Cementing..... Amount Cement Used.....
 Bottom Pittsburgh Coal..... Bottom Cementing..... Amount Sand Used.....
 Mr..... of..... Coal Company on ground when coal was cemented
 Remarks:..... Signature of persons who cemented well

Approved.....
 Foreman



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

483

409-A

WELL RECORD

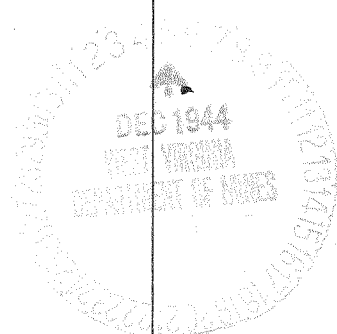
Permit No. _____ Oil or Gas Well _____ (KIND)

Company Hope Natural Gas Company.
 Address 445 West Main St. Clarksburg, W. Va.
 Farm E.C. Morgan Acres 50
 Location (waters) _____
 Well No. 136 Elev. 1446
 District Marion County Marion
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced May 17, 1893
 Drilling completed August 19, 1893
 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 none recorded feet _____ feet
 Salt water 1680 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	505	505	Size of
8 1/4	1276	1276	
6 5/8	2192	2192	Depth set
5 3/16	2635	2635	
3			Perf. top
2	3060	3060	Perf. bottom
Liners Used	251	Pulled	Perf. top
			Perf. bottom

Not cemented
 CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
 COAL WAS ENCOUNTERED AT 882 FEET 96 INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh		Coal	882	890	water	1680	
Big Lime			2154	2214			
Big Injun			2214	2345	oil & water	2340	
Gantz			2770	2830			
Fifty foot			2860	2900			
Thirty Foot			2980	3070			
Gordon Stray			2990	3045			
Gordon			3052		gas	3055	
Total depth				3060			



JAN 29 1945

