

# HOPE NATURAL GAS COMPANY.

LOCATION FOR WELL No. 515.....

*Littleton* DISTRICT

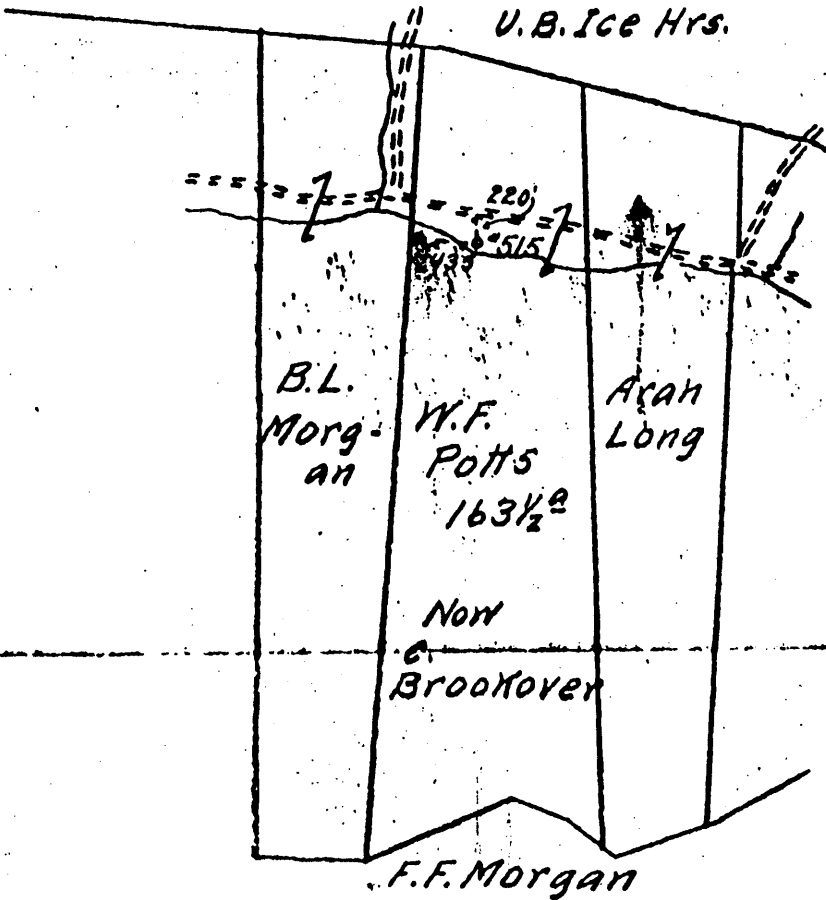
*F. F. Morgan* Farm, on waters of *Willey Fork*

*Grant*, District, *Netzel* County, West Virginia

Lease No. *3779* Acres *—* N. *10* S. *—* E. *7* W. *1*

Scale, one inch equals *80 p.* Sent to.....

Location to be.....



*OK S.H.P.*

Permit no. 103-0668

RESERVE.....

SPECIAL INSTRUCTIONS.....

Location *meas.* *5-14* 1914 by *O. C. Straight* *BX 146, pg 20* As per plat, except as noted. On field n

Returned to Pittsburgh.....

Location changed on account of.....

Authorized by..... Date..... Signed.....

LATITUDE 39° 37' 30"

LONGITUDE 80° 03' 00"



7'5 OGIS topo location

7.5' loc 2.225 15' loc \_\_\_\_\_  
                  0.50 W (calc.) \_\_\_\_\_

Company \_\_\_\_\_

Farm \_\_\_\_\_

Quad BIG RUN 7 1/2'

County WETZEL

District GRANT

WELL LOCATION MAP

File No. 103-0668

(047)

Latitude

Longitude

2.22s
.50w

Topo Location

7.5' Loc. \_\_\_\_\_ 15' Loc. \_\_\_\_\_  
 \_\_\_\_\_ (calc.) \_\_\_\_\_

Company Center Oil Co  
 Farm FF Morgan #1  
 15' Quad \_\_\_\_\_  
 (sec.) \_\_\_\_\_  
 7.5' Quad Big Run  
 District Grant

WELL LOCATION PLAT

County 103 Permit 7098  
 668

# Hope Natural Gas Company

## REPAIR RECORD

Well No. 515 Mannington District  
 Well Name F. F. Morgan N. 10 S. E. 7 W.  
 Date First Work Done July 29 1947 103-668  
 Nature of Work Building Dr. & Machine  
 Commenced: August 14th, 1947 Completed:  
 Cleaning Out August 14th, 1947 Cleaning Out November 21, 1947  
 Drilling Deeper \_\_\_\_\_ Drilling Deeper \_\_\_\_\_  
 Abandoning \_\_\_\_\_ Abandoning \_\_\_\_\_

### CASING AND TUBING RECORD

Depth	Before Repairs		Pulled		Put in Well		After Repairs		Size
	Tally	Steel Line	Tally	Steel Line	Tally	Steel Line	Tally	Steel Line	
19'							19'		13"
205'							205'		10"
1170'							1170'		8 1/2"
1853'					2698	2680	1853'		6-5/8"
none							2698	2680	5-3/8"
2884'			2884				none	none	3"

### SHOOTING RECORD (Show if Open Shot or Tamped Shot)

Date	Quartz	Top of Shell	Bottom of Shell	Diameter	Sand	TEST BEFORE SHOT			TEST AFTER SHOT			Feet Taken After Shot	By Whom Shot	
						Reading	Liquid	Opening	Reading	Liquid	Opening			
8-47	20	2766	2772	4 1/2"	4th.	14/10 W	1"	14/10 W	1"	0.0.		Marietta Torpedo Co		
32' Stone Tamp														

### RECORD OF ANY DEEPER DRILLING

Formation	Top	Bottom	Oil at	Gas at
Commenced drilling at depth of				
Cleaned out, Run Stg. 5 1/2" casing, shot and shut in on 5 1/2" casing				
Total Depth	2871 S.L.			

### PACKER RECORD

Size	Kind	Set At (Steel Line)
5-3/16 X 605/8	H.W. & Ang.	2680
PACKER PULLED		
Size 6 5/8"	Kind Ang.	
OIL PRODUCTION		
Estimated	bbl. per day	Sand
CLARKSBURG OFFICE ENTRIES		
Repair Card	12/10/47	
Well Card	"	
Memo Book	"	
Well Map		
Map Sheets		

### VOLUME AND PRESSURE REPORT

#### BEFORE CLEANING OUT (Take Test When Ready to Clean Out)

Date of Test	Flow Meter or Open Flow	PITOT TUBE			CUBIC FEET	Sands Gas From	Time Blown
		Reading	Liquid Used	Opening			
8-29-1947	F.M.	20/10	Water	1"	33.6 M	4th & 5th	Gak's Smoker

#### AFTER CLEANING OUT

Date of Test	Flow Meter or Open Flow	PITOT TUBE			CUBIC FEET	Sands Gas From	Time Blown
		Reading	Liquid Used	Opening			
8-21-1947	F.M.	14/10	Water	1"	28.2 M	4th & 5th	

#### AFTER DRILLING DEEPER

Date of Test	Flow Meter or Open Flow	PITOT TUBE			CUBIC FEET	Sands Gas From	Time Blown
		Reading	Liquid Used	Opening			

#### PRESSURE TEST

Date of Test	Opening	1 Min.	2 Min.	3 Min.	4 Min.	5 Min.	6 Min.	7 Min.	8 Min.	9 Min.	10 Min.	30 Min.	60 Min.	Hg	Sp. Gr.
8-21-47	5 1/2" casing	0	0	0	0	0	0	0	2	3	4	13	24	24	76
	" Tubing														

Remarks:

District Superintendent  
*[Signature]*

# HOPE NATURAL GAS COMPANY

Well No. **515** District **Sittleton** 103-668 **F. F. Morgan** N. **10** S. **7** E. **7** W. **REPAIRS**  
 Commenced **May 11 - 09** Completed **July 20 - 09** except cement outside 10" casing.

## CASING AND TUBING RECORD

Size	Amount in Well		Amount Pulled	Amount Put in Well	Amount Left in Well	Disposition of Amount Pulled
	Before Repairs	After Repairs				
13	19	19			19	
10	205	205			205	
8 1/4	1170	1170	213	213	1170	
6 5/8	1853	1853	1420	1420	1853	cut at 1420 ft run back with fast
3	2796	100	2796	100	100	2696 ft landed to 2 1/2" 100 ft used for anchor

WELL BOOK  
 LEASE RECORD  
 LEASE CHECKS  
 WALL MAP  
 WORKING MAP  
 LOCATION BOOK

## VOLUME AND PRESSURE TEST

Size Opening	Liquid Used	Reading	Rock or Minute	Pounds	Size Opening	Liquid Used	Reading	Rock or Minute	Pounds
2	Mercury	24/10	Rock	90	2	Mercury	24/10	Rock	87
3	Mercury	10/10	"	750	3	Mercury	10/10	Rock	600

Names of Drillers	Time (Days)	Names of Tool Dressers	Time (Days)
John Combs	67	Geo. Spisnare	71
J. F. Halsh	71	S. H. Showalter	27

If well is drilled deeper, insert below the record of deeper drilling

Formation	Top	Bottom	Formation	Top	Bottom

## SHOOTING RECORD

Date	Quarts	Top of Shell	Bottom of Shell	Diameter	Sand	Test Before Shot			Test After Shot			Time taken after shot No. Hours	By Whom Shot
						Reading	Liquid	Opening	Reading	Liquid	Opening		

## PACKER RECORD

Size	Kind	Amount Anchor	Amount Above Anchor
6 7/8	Sartin Anchor	100 ft	2690 ft

Tubing Record if Well Never Previously Tubed

Date Tubed	Size	Amount Put in Well
7-15-09	2" and 3"	2690 ft 3" 100 ft used for anchor

Remarks: Small amount of gas comes through water and cement outside of 10" casing when coal, or shallow sand gas is shut in. It will continue to put in cement, think it will make a job.

NOTE--Whenever a well is shot, tubed, drilled deeper or in any way repaired, fill out this report so far as it relates to work done and mail promptly.

*F. F. Morgan*  
Foreman

Permit no. 103

(W. FORTS & F. F. MORGAN NO. 1 WELL.  
(Marshall-Wetzell-Tyler Report).

70198  
Pub. Vol. I(a), p. 201.  
Repub. M-W-T, Rept.,  
Tab. only, p. 410,  
No. 2-147.  
No. 101, Old File.

Grant District, Wetzell County, W. Va.  
By Carter Oil Co.  
On Willey Fork of Fishing Creek, halfway between Sincerity and  
Coburn Post-offices.  
Elevation, 955' ±.  
Fair gas well.

7  
1

	Top.	Bottom.
Pittsburgh Coal	610	- 615
Cave	1000	- 1060
Dunkard Sand	1080	- 1120
Salt Sand (gas)	1400	- 1700
Pencil Cave	1805	- 1815
Big Line	1815	- 1905
Big Injun Sand	1905	- 2155
Gordon Stray Sand	2670	- 2690
Pencil Cave	2690	- 2700
Gordon Sand	2720	- 2750
Fourth Sand (gas)	2766	
Total depth		2781