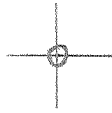


LATITUDE 39° 25' 00"

80° 35' 00" LONGITUDE



Production history

- 1992 - 1194 mcf
- 1993 - 1640 "
- 1994 - 1424 "
- 1995 - 2048 "
- 1996 - 2991 "

7.5 OGIS topo location

7.5' loc	<u>0.685</u>	15' loc	<u>0.685</u>
	<u>1.49W</u>	(calc.)	<u>1.49W</u>

Company \_\_\_\_\_

Farm \_\_\_\_\_

Well 1200 - 7.5' topo - k/c 315/13  
Centerpoint C

Quad FOLSOM 7 1/2

County DOUGLASS

District MCCLELLAN

WELL LOCATION MAP

File No. 017-1953

# HOPE NATURAL GAS COMPANY

LOCATION FOR WELL No. 4241

c 1  
Instructions N.

On R. H. Robinson Farm, on waters of Shinnel Run  
W. C. Callan District, Doddridge County, West Virginia.

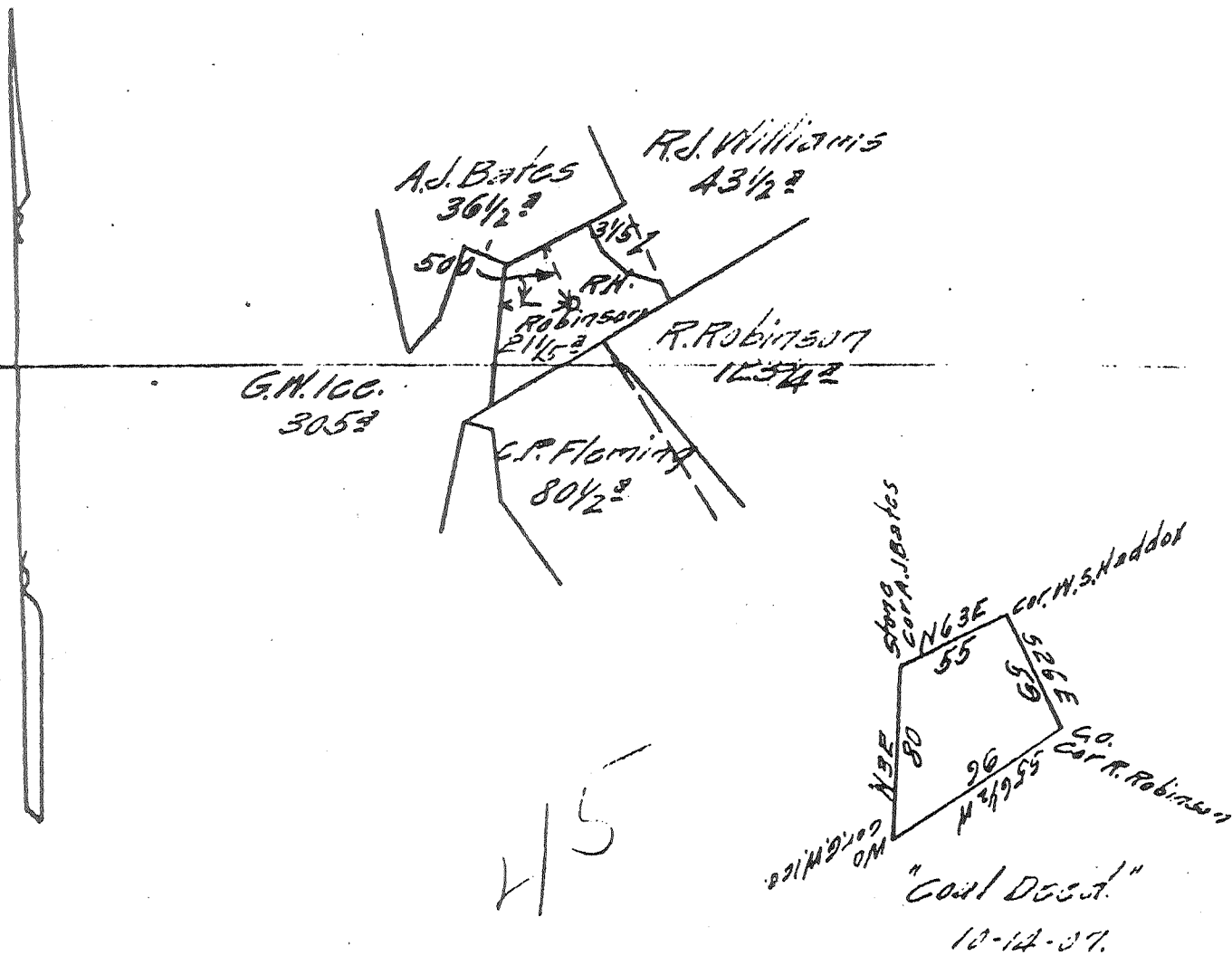
DISTRICT

Lease No. 23478 Acres 25 N. 3 S. 3 E. 1 W.

Scale one inch equals 80 P. ft. Location made in Pittsburgh Apr. 3, 1916 Sent to Clarksburg Apr 5, 1916

Location to be 500 feet from A. J. Bates farms and 500 feet from G. W. Lee

017-1953



TITLE RESERVE Three hundred feet from  
the dwelling house

SPECIAL INSTRUCTIONS: COMPLETE WELL ON OR BEFORE June 28, 1916

Use on which Located Well No.

Location made Apr 3 1916 by T. Deati As per plat, except as noted. On field map

Apr 10 1916 Returned to Pittsburgh Apr 10 1916

Location changed on account of

Authorized by \_\_\_\_\_ Date \_\_\_\_\_ Signed \_\_\_\_\_

Well No. 101 Located on W. H. ... County W. Va. State W. Va.  
 District M. ... First Work Done 4-13-16  
 Location Made 4-8-16 Rig Completed 4-26-16  
 Rig Commenced 4-20-16 Drilling Completed 5-2-16  
 Drilling Commenced 5-3-16 Drilling Contractor Free Drilling Dept.  
 Rig Contractor ... H. H. S. Co. Tools. String No. ...  
 Drillers ...  
 Tool Dressers ...

FORMATION	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Active Coal	315	322					
Pittsburg Coal	837	840					
Little Dunkard	1570	1570					
Big Dunkard	1920	1990					
Gas Sand							Thick Salt Sand 1870-1890
First Salt	1050	1720					
Second Salt							
Maxon							
Little Lime	2110	2110					
Pencil Cave	2110	2111					
Big Lime	2111	2171	2272-2113				270-2283 = 10/10 later 6/8 6-2-16
Big Injun	2191						
Squaw							
Berea							Steel line of where casing sets 15" casing = 500 ft 8 1/2" " = 1336'6" 6 1/2" " = 2170'
Gantz							
Fifty Foot							
Thirty Foot							
Gordon Stray							
Gordon							
Fourth							
Fifth							
Bayard							
Total Depth	2240						

SIZE	Charged to Well		Put in Well		Pulled Out		Left in Well		Transferred Before Completing		Left at Well Not in Use		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.	
15" Csg.	7.00		504	10	31	10	473		7.00		36	5	
10" "	5.00				7.00		13.46	3	200	7	22	1	
8 1/2" "	15.65	11	1346	3	1.00		2185	3	7.00		73	7	
6 5/8" "	22.58	10											
5 3/16" "	7.00												
Tbg.													

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
2 1/2" x 1 1/2"	Anchor	1.00		5 1/2" above 5 1/2" casing Nothing run on 15"

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

DATE	Quartz	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... ... Casing Cemented...  
 Top Cementing...  
 Bottom Cementing...  
 Signature of persons who cemented well.  
 Well Test: Feb. 17, 1917 E.E.C.  
 Well Map: JUN 30 1916 J.C.L.  
 Line Map: JUL 19 1916 A.J.D.  
 Sheet: JUL 11 1916 H.H.S.  
 Approved by: W.B. ... Foreman  
 017-1953

# Hope Natural Gas Company

No. 4241

## REPAIR RECORD

Pine Grove District

Arm Name R. H. Robinson

N S 3 E - 1 - W ~~12~~

Repairs Commenced May 3rd, 1932.

Repairs Completed Jul. 29th, 1932.

### CASING AND TUBING RECORD

Size	Before Repairs	Pulled	Put in Wall	After Repairs	Disposition of Amount Pulled
10	473-0	none	none	473-0	
8-1/4	1346-3	none	none	1346-3	
6-5/8	2185-3	none	none	2185-3	
5-3/16	2921-7	2921-7	2916-0	2916-0	
4 1/2 x 4 Liner	none	----	185-10	185-10	

### SHOOTING RECORD

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		
					Not shot.								

### RECORD OF ANY DEEPER DRILLING

Formation	Top	Bottom	Name of Driller	Time (Days)
			Emery B. Reppard	45
			James L. Horner	55
			William H. Martin	55
			Ottie B. Stackpole	5
			John E. Carson	52
			Clyde Joseph	55
			Orlando G. Nutt	5

Commenced drilling at depth of  
**Drilled pocket from 2976 to 3076**

Size	Kind	Anchor	Amount Above Anchor
4 1/2 x 4	Cave Catcher	set at	2965

11' - 4 1/2 x 4 Perf on Bottom  
10' - 4 1/2 x 4 Perf set 2965 to 2973

**OIL AND GAS DISCOVERIES IN DEEPER DRILLING**

	Ft. in	Sand
Oil at		
Gas at		
<b>Total Depth</b>	<b>3076</b>	

### VOLUME AND PRESSURE REPORT

#### BEFORE REPAIRS

Reading	Liquid	Opening	Rock or Minute Pressure	Sands Gas From
26/10	Water	1 1/2" FM	R	Gordon
			86.000	

#### AFTER REPAIRS

#### VOLUME TEST

Date of Test	Opening	PITOT TUBE		OPEN FLOW	Sands Gas From
		Reading	Liquid Used	Lbs.	
Jul. 29th, 1932	3" Casing	28/10	Water	566.32	Injun & Gordon.
Time Blown Jul. 29th, 1932	1/2" Tubing	0/10	Water		No Record.

#### 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.	Hrs.
7-29-32	6-5/8	0	0	0	0	0	0	0	0	0	0	0	0	24
Time Blown	5-8/16	10	15	20	25	30	35	40	45	50	55	70	75	24

OIL: From \_\_\_\_\_ Sand \_\_\_\_\_

Estimated Production \_\_\_\_\_ Bbl. per Day

Remarks: \_\_\_\_\_

*[Signature]*  
FOREMAN

017-1953