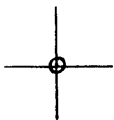


LATITUDE 39° 27' 30"



LONGITUDE 80° 42' 30"

7'5 OGIS topo location

7.5' 10C 1.095 15' 10C \_\_\_\_\_  
                  2.17w (calc.) \_\_\_\_\_

Company \_\_\_\_\_

Farm \_\_\_\_\_

Quad GLOVER GAP 7 1/2'

County WETZEL

District CHURGH

WELL LOCATION MAP

File No. 103-0687

(047)

PARTICIPANTS:

DATE:

APR 3 1980

BUYER-SELLER CODE

WELL OPERATOR:

Consolidated Gas Supply Corp.

004228

FIRST PURCHASER:

General System Purchasers

none

OTHER:

V. Va. Department of Mines, Oil & Gas Division

WELL DETERMINATION FILE NUMBER

90227-108-103-0687

Use Above File Number on all Communications Relating to Determination of this Well

Quantify as Sect. 108, string well  
John Bell

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1 FERC-121 Items not completed - Line No. \_\_\_\_\_
- 2 IV-1 - Agent J.W. Hendrickson
- 3 IV-2 - Well Permit \_\_\_\_\_
- 4 IV-6 - Well Plat
- 5 IV-35- Well Record  Drilling  Deepening \_\_\_\_\_
- 6 IV-36- Gas-Oil Test: Gas Only  Was Oil Produced? \_\_\_\_\_ Ratio \_\_\_\_\_
- 7 IV-39- Annual Production 3 years
- 8 IV-40- 90 day Production 90 Days off Line: \_\_\_\_\_
- 9 IV-48- Application for Certification. Complete?  Affidavit Signed
- 10 - 17 IV Form #51 - 52 - 53 - 54 - 55 - 56 - 57 - 58. Complete
- 18 - 28 Other: Survey \_\_\_\_\_ Logs \_\_\_\_\_ Geological Charts \_\_\_\_\_ Structure Map \_\_\_\_\_  
1:4000 Map \_\_\_\_\_ Well Tabulations \_\_\_\_\_ Gas Analyses \_\_\_\_\_
- (5) Commenced: 7-31-13 Volume test: 10-11-43  
Date Completed: 9-5-13 Deepened \_\_\_\_\_  
Frac Date: \_\_\_\_\_
- (5) Production Depth: 1943-1988; 2421-2503
- (5) Production Formation: 1st Salt; Big Injun
- (5) Final Open Flow: \_\_\_\_\_  
Initial Potential: 112 MCF
- (5) Static R.P. <sup>after frac:</sup> 35 #  
Initially: \_\_\_\_\_
- (6) Other Gas Test: \_\_\_\_\_
- (7) Avg. Daily Gas from Annual Production:  $\frac{1659}{365} = 4.5$  mcf
- (8) Avg. Daily Gas from 90-day endir. w/1-120 days:  $\frac{370}{90} = 4.1$  mcf
- (8) Line Pressure: 13 # PSIG from Daily Report \_\_\_\_\_
- (5) Oil Production: NO From Completion Report \_\_\_\_\_
- (10-17) Does lease inventory indicate enhanced recovery being done: NO
- (10-17) Is affidavit signed?  Notarized?
- Does official well record with the Department confirm the submitted information? yes
- Additional Information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_
- Was Determination Objected to? \_\_\_\_\_ By Whom? \_\_\_\_\_

Record of Hope Natural Gas Co., Company  
 Well No. 3079 ✓ Littleton  
 Located on Wm. Miller 103-687 Farm  
 District Church County Wetzel State W. Va.  
 Date Made 6-24-13 Mr. Work Done 6-26-13  
 Rig Commenced 7/16/13 Rig Completed 7-24-13  
 Drilling Commenced 7-31-13 Drilling Completed 9-5-13  
 Rig Contractor H.N.G. Co., Rig Bldg. Dept. Drilling Contractor H.N.G. Co., Drg. Dept.  
 Drillers Gay D. Rusmisseil & Joe Bushager String #2  
 Tool Dressers F.H. Rusmisseil & Howard L. Wilson

FORMATION	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
live Coal	1057	1059					
Pittsburg Coal	1151	1158	S.L.				
the Dunkard	1565	1585					
	1648	1674					
Sand	1792	1828					
Salt	1943	1988				1947	20/10 Mercury thru 2" Open
cond Salt	2115	2160					
axons	None						
tile Lims	2338	2350					
shell Gyps	2350	2352					
g Lims	2352	2421					
g Injun	2421		S.L.			2431	
gray						2495	8/10 Mercury thru 6 5/8 Case
red						2497	
blue							
fly Foot							
dirty Foot							
ordon Stray							
ordon							
outh							
lth							
yard							
Total Depth		2503	S.L.				

SIZE	Cased in Well		Packed Off		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.	
10" Cas	405	2	395	-	None	395	-	None	10	2	Left in hole on acco salt sand gas being shut in between 8-1/2 and 6-5/8" casing.
8 1/2"	1783	9	1662	-	"	1662	-	16	10	11	
6 5/8"	2572	2	2396	-	"	2396	-	None	176	2	
5 3/16"	3406		None	-	"	None	-	"	3406		

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
	Not tubed			

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

DATE	Gauge	Top of Shot	Bottom of Shot	Diameter	Lead	Test Before Shot			Test After Shot			Test Taken After Shot No. Hours	By Whom Shot
						Reading	Liquid	Opening	Reading	Liquid	Opening		
		Not shot											

CEMENTING RECORD

Date Cemented..... Size Hole Cemented..... Size Casing Cemented.....  
 Top Pittsburg Coal..... Top Cementing..... Amount Cement Used.....  
 Bottom Pittsburg Coal..... Bottom Cementing..... Amount Sand Used.....  
 Mr. Wm. Miller of Hope Natural Gas Co., Littleton, W. Va. Coal Company on ground when coal was cemented  
 Remarks: Not cemented  
 Signature of persons who cemented well  
 CONTRACTOR: Approved by: Foreman  
 OCT 27 1913 U.S.

103-687

Form 11 180 30 Bks. 8-33

# Hope Natural Gas Company REPAIR RECORD

32

Well No. 3079

Farm Name Wm Miller

Littleton D

Repairs Commenced June 29 1943

N 11 S E 8 W

Repairs Completed October 11 1943

### CASING AND TUBING RECORD

Size	Before Repairs	Pulled	Put in Well	After Repairs	Disposition of Amount Pulled
10 8"	395' 0" 1662' 0"	None None	None None	395' 0" 1662' 0"	
6 5/8"	2396' 0"	None	None	2396' 0"	
5 3/16"	3192' 0"	3192' 0"	2426' 0"	2426' 0"	
2" Tbg	3281' 0"	3281' 0"	None	None	
3" Tbg	70' 4"	70' 4"	None	None	

### SHOOTING RECORD

Date	Quarts	Top of Shell	Bottom of Shell	Diameter	Sand	TEST BEFORE SHOT			TEST AFTER SHOT			Top Taken After Shot No. Hours	By Whom Shot
						Reading	Liquid	Opening	Reading	Liquid	Opening		
9/13/43	40	2490	2500	5"	Injun	8/10	W	2"	14/10	W	2"	24	Marietta Torp O
							119.000			158.000			

### RECORD OF ANY DEEPER DRILLING

Formation	Top	Bottom	Names of Drillers	Time (Days)
Commenced drilling at depth of	No deeper drilling		Seth L. Bane	55
			Simon H. Showalter	5
			Names of Tool Dressers	
			George I. Anderson	55
			Homer P. Strossider	5
Lower hole abandoned and filled to present depth of 2505, now producing gas from Injun Sand.				

Size	Kind	Anchor	Amount Above A
6 5/8"	Anchor	None	2426
5 3/16"	(Packer run on bottom of casing)		

OIL AND GAS DISCOVERIES IN DEEPER DRILLING			
Oil at	None	Ft. in	None
Gas at	None	Ft. in	None

### VOLUME AND PRESSURE REPORT

BEFORE REPAIRS			
Reading	Liquid	Opening	Rock or Minute Pressure
12/10	Water	1/4	14 lbs
10/10	Water	1/4	30 lbs

AFTER REPAIRS			
Reading	Liquid	Opening	Rock or Minute Pressure

### VOLUME TEST

Date of Test	Flow Meter or Open Flow	Size of Opening	PITOT TUBE		OPKN FLOW Lbs.	Sands Gas From
			Reading	Liquid Used		
10/11/43 6 hrs Time Blown	O.F.	2"	7/10	Water	112.000	Injun

### 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.
10/11/43	5 3/16" Casing	0	0	0	0	1	2	3	5	7	9	26	35	24
	" Tubing													

OIL: From None Sand

Estimated Production None Bbl. per Day

Remarks: Old gas well producing from Gordon & Injun Sands, lower hole abandoned and filled to present depth of 2505 and producing only from Injun Sand, producing through 5 3/16 Casing.

H. B. Byers  
District Superintendent