

HOPE NATURAL GAS CO.

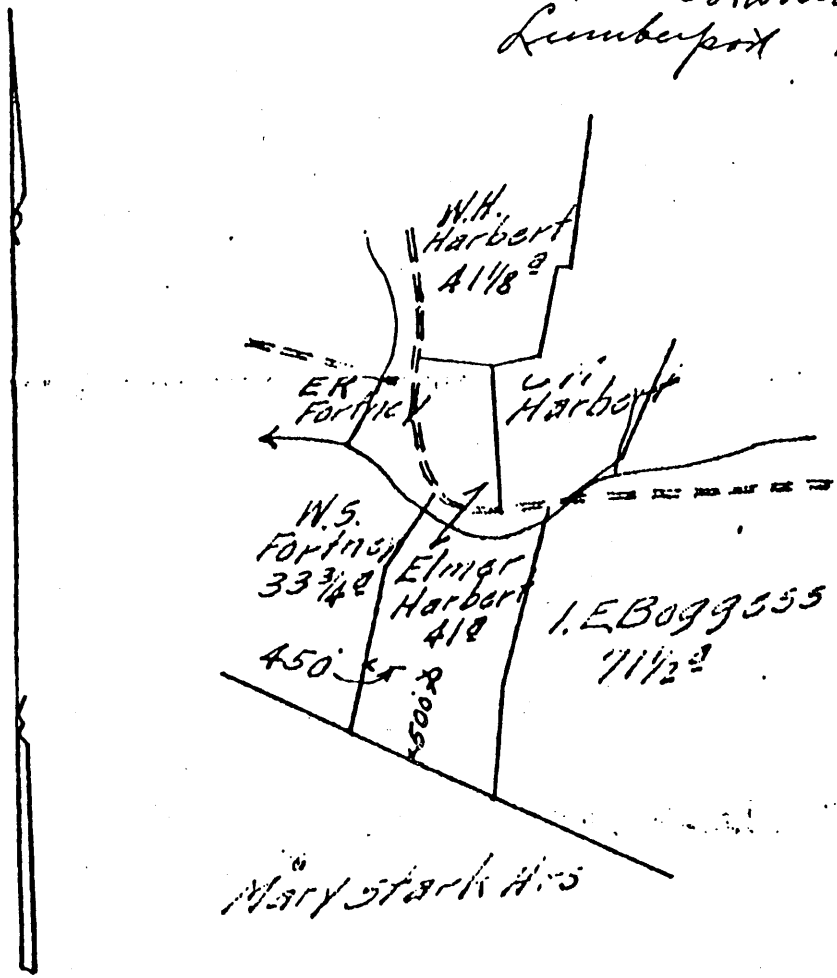
LOCATION FOR WELL No. 3956

DISTRICT

On *E. Clark* Farm, on waters of *Jones Run*  
*Eagle* District, *Harrison* County, West Virginia.  
Lease No. *14139* Acres *50* N. *6* E. *14* W.  
Scale, one inch equals *800 feet* Sent to Clarksburg Office *Oct 6 1915*

Location to be *500 feet from Mary Stark Mrs. farms and*  
*450 feet from W.S. Fortney farms*  
*10-5-15*

*Mrs. Sarah Harbert wife of lessor*  
*Lumberport W. Va.*



*033-1395*

*A*

TITLE: *Two hundred feet around the*  
RESERVE: *drilling house*

SPECIAL INSTRUCTIONS: COMPLETE WELL ON OR BEFORE

*Cement 10" casing*  
Location made *10-12-15* by *J.S. Lang* As per plat, except as noted. On field map.  
*10-13 15* Returned to Pittsburgh. *10-13-15*

Location changed on account of \_\_\_\_\_  
Authorized by \_\_\_\_\_ Date \_\_\_\_\_ Signed *A. Bradley*

LATITUDE

39° 25' 00"

80° 20' 00"

LONGITUDE

0  
2.475  
1.92W

7.5 OGIS topo location

7.5' loc,

15' loc 2.475  
(calc.) 1.92W

Company H. N. G. Co. 3956

Farm Oliver Harbert

Elevation 1190' topo Est.

Quad Shinnston / Albright C

County Harrison

District Eagle

WELL LOCATION MAP

File No. 033-1395

Record of Well No. 3956 located on 6 1/2 Market Street, Harmon District, Ohio State.

Company U.S. Oil Co. District 10

Location Made 10-12-1915 First Work Done 10-12-1915

Rig Commenced 11-1-1915 Rig Completed 11-6-1915

Drilling Commenced 11-15-1915 Drilling Completed 1-6-1916

Rig Contractor Hoops Nat. Dr. Co. Drilling Contractor J. W. Agnew & Co.

Driller Francis Dillan and J. O. Jolley H. N. O. Co. Tools, String No. J. Banks & Smith

Tool Dressers J. B. Smith and J. O. Jolley

FORMATION	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS	
Live Coal								
Pittsburg Coal	35	42						
Le Dunkard	420	500						
Dunkard	575	625						
Sand	740	840						
at Salt	845	1060		870-965				
and Salt	710			1035				
Iron	1190	1210	1190			1200	Not enough to last. (Show)	
le Lime	1350	1360	1350					
oil Cave	1360	1370	1360					
Lime	1370	1415	1370					
Injun	1475	1475	1415			1472		
Law	710							
rea	"							
utz	"							
ty Foot	1965	2025	1965				17/10 water 2" sp.	
irty Foot	Shells							
rdon Stray	Shells							
rdon	2235	2250	2235					
orth	2251	2270	2251				2418 top shell 2411 to 2420	
th	2433	2443	2433				2435	
yard								
Total Depth	Coal Line 2557 ft.		Filled up to 2478 steel line		measured by Conn. K. B. and			

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.	
13" Csg.													
10" "	123	6	102	-			102		25	6	-	-	10" x 8 1/4 Casing steel line
8 1/2" "	1141	2	1065	-			1065		22	10	53	4	10" left in hole cemented.
6 5/8" "	1508	9	1417	-			1417		4	-	87	9	8 1/4 " " " Water.
3-16" "	2341	7	2240	-			2240		20	10	2320	9	
2" Tbg.	2594	9	2490	-			2490				104	9	
3" "	65	2	65	2			65	2			-	-	

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
7/8 x 8 1/2	BH		1417	2nd 1st Prof. 2424 ft. 2nd Prof. 1466 ft. 6 5/8" pipe 3rd hung over 2" phil. shoe hole. with 1-3 1/2" slip backing. 2nd 3" 2 1/2" 8 1/4" ft. 1-2" pipe in bottom. 2 packer put on 2" tbg.
1 1/2 x 2	anc	2092	2268	
1 1/2 x 2	"	1050	1427	

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		
1-11-16	20	2433	2440	4 1/4	5th	29/10	Water	47/10	44/10	Water	170	2 1/2 hr	M. J. Co
1-17-16	20	1471	1477	5	5th	44/10	"	70/10	99/10	"	100	1 hr	" "

CEMENTING RECORD

Date Cemented 11-12-15 Size Hole Cemented 16 Size Casing Cemented 10

Top Pittsburg Coal 35 Top Cementing 9 1/2 Amount Cement Used 3000 #

Bottom Pittsburg Coal 42 Bottom Cementing 9 2 Amount Sand Used 6000 #

Mr. No one present of U.S. Oil Co. Coal Company on ground when coal was cemented

Remarks: 1-10-15 O.S. flange on 1 1/2" pipe Signature of persons who cemented well D. White

033-1395

Approved by D. White Foreman

WELL DETERMINATION REPORT

PARTICIPANTS:

DATE:

APR 1 1980

BUYER-SELLER CODE

WELL OPERATOR: Consolidated Gas Supply Corp

004228

FIRST PURCHASER: General Systems Purchasers

N/A

OTHER:

*Permits on Sect 104 Single well  
APR 1980*

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

WELL DETERMINATION FILE NUMBER

790227-108-033-1396

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

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 Sept. - NOV.
- 8 IV-40- 90 day Production 90 Days off Line:
- 9 IV-48- Application for Certification. Complete?
- 10 - 17 IV Form #51 - 52 - 53 - 54 - 55 - 56 - 57 - 58. Complete  Affidavit Signed
- 18 - 28 Other: Survey      Logs      Geological Charts      Structure Map       
1:4000 Map      Well Tabulations      Gas Analyses
- (5) DATE COMMENCED 12-22-15  
Date Completed: 2-23-16 Deepened
- (5) Production Depth: 1714-1798 ; 2342-2409, 2582-2590
- (5) Production Formation: Big Injun ; Gordon ; Fifth
- (5) Final OPEN FLOW: 39 mcf } computer sheet
- (5) Static R.P. Initially: 180 #
- (6) Other Gas Test:
- (7) Avg. Daily Gas from Annual Production: 700/365 = 19.2 mcf
- (8) Avg. Daily Gas from 90-day ending w/1-120 days 1815/90 = 20.2 mcf
- (8) Line Pressure: 21 # PSIG from Daily Report
- (5) Oil Production: YES From Completion Report 1440'
- (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?     

*MK*