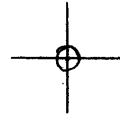


LATITUDE 39° 22' 30"

80° 42' 30"

LONGITUDE



7'5 OGIS topo location

7.5' loc	<u>2.52S</u>	15' loc	<u>2.52S</u>
	<u>0.51W</u>	(calc.)	<u>2.74W</u>

Company \_\_\_\_\_

Farm \_\_\_\_\_

Quad Centerpoint we  
SMITHBURG 7 1/2'

County DODDRIDGE

District GRANT

WELL LOCATION MAP

File No. 017-1974

G. N. CRAWFORD

ELIZABETH HARRIS

24.46

G. N. CRAWFORD

M. V. UNDERWOOD

NANCY DAVIS

- New Location..
- Drill Deeper.....
- Abandonment.....

Map Sheet 53, 5-8 W-6 F.B. 1216 R. 344'95

Company	<u>HOPE NATURAL GAS CO.</u>
Address	<u>CLARKSBURG W.VA.</u>
Farm	<u>ELIZABETH HARRIS</u>
Tract	Acres <u>24</u> Lease No. <u>42777</u>
Well (Farm) No.	Serial No. <u>7016</u>
Elevation (Spirit Level)	<u>1030'</u>
Quadrangle	<u>CENTERPOINT SMITHBURG 7 1/2'</u>
County	<u>DODDRIDGE</u> District <u>GRANT</u>
Engineer	<u>Guy H. Bradley</u>
Engineer's Registration No.	<u>2425</u>
File No.	Drawing No. _____
Date	Scale <u>1" = 10 POLES</u>

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

WELL LOCATION MAP  
FILE NO. 017-1974

+ 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.

Location Made..... First Work Done.....  
 Rig Commenced..... Rig Completed.....  
 Drilling Commenced **10/25/09**..... Drilling Completed **1/1/10**  
 Rig Contractor..... { Drilling Contractor } **Owenings & McCreedy**  
 Drillers..... { W. H. N. & 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
<del>Big Dunkard</del>		<b>770</b>	<b>810</b>					
		<b>930</b>	<b>962</b>					
		<b>1087</b>	<b>1118</b>					
Big Dunkard								
Gas Sand								
First Salt		<b>1190</b>	<b>1268</b>					
Second Salt		<b>1358</b>	<b>1438</b>					
Third Salt		<b>1480</b>	<b>1500</b>		<b>1499</b>			
Maxon		<b>1740</b>	<b>1780</b>					
Little Lime								
Pencil Cave		<b>1838</b>	<b>1858</b>					
Big Lime		<b>1858</b>	<b>1960</b>					
Keener								
Big Injun		<b>1960</b>	<b>2085</b>				<b>2085</b>	
Squaw		<b>2215</b>	<b>2300</b>					
Weir								
Berea		<b>2375</b>	<b>2379</b>					
Gants								
Fifty Foot								
Thirty Foot								
Gordon Stray		<b>2428</b>	<b>2640</b>					
Gordon		<b>2644</b>	<b>2658</b>				<b>2650</b>	
Fourth								
Fifth								
Total Depth		<b>2660</b>						

Initial Oil Production  
 0.004

SIZE	Charged to Well		Put in Well		Pulled Out		Left in Well		Transferred Before Completing		Left of Well Not in Use		Steel Line Measurement		If more than two strings of casing are hole, give reasons for leaving additional
	Foot	In.	Foot	In.	Foot	In.	Foot	In.	Foot	In.	Foot	In.	Foot	In.	
18" Csg.															
10" "			<b>190</b>		<b>190</b>										
8 1/2" "			<b>1200</b>		<b>1200</b>										
6 1/2" "			<b>1900</b>												
5 1/2" "															
8" Tbg			<b>2650</b>												

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS

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

DATE	Shots	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	Spouting	Reading	Liquid	Spouting		

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