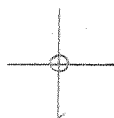


LATITUDE 39° 20' 00"

80° 37' 30"

LONGITUDE



7'5 OGIS topo location

7.5' loc	<u>1.96S</u>	15' loc	<u>1.96S</u>
	<u>1.16W</u>	(calc.)	<u>3.39W</u>

Company _____

Farm _____

Elw. 1190' 75' topo k6 3/5/93
centerpoint SC

Quad SMITHBURG 7 1/2'

County DOORIDGE

District GRANT

WELL LOCATION MAP

File No. 017-1946

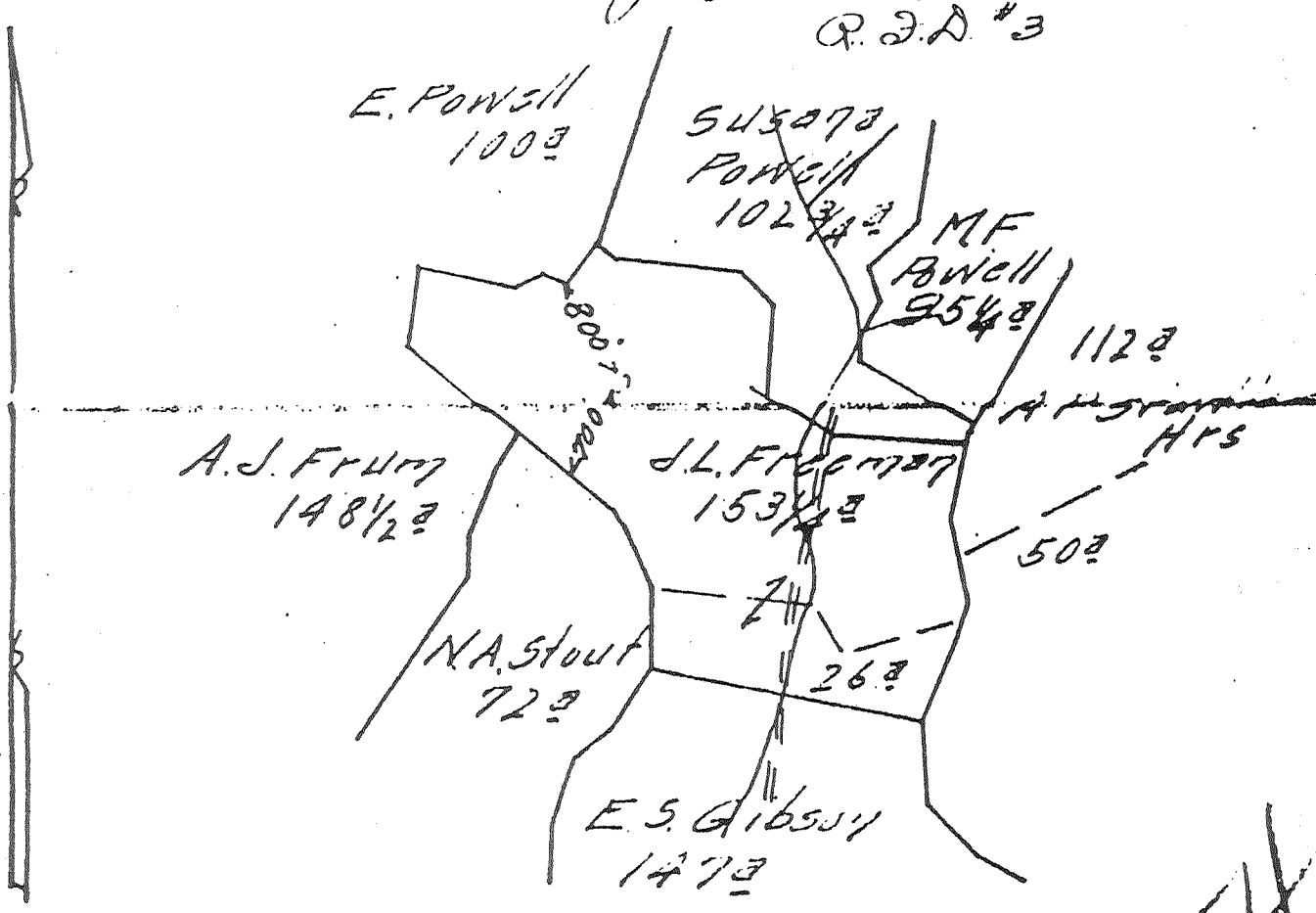
HOPE NATURAL GAS CO.

N.

LOCATION FOR WELL No. 3665

On J. L. Freeman Farm, on waters of Guernsey House
Grant District, Doddridge County, West Virginia.
 Lease No. 18074 Acres 14 3/4 N. 10 E. 2
 Scale, one inch equals 80 Poles Sent to Clarksburg Office Co. 9 1914
 Location to be 700 feet from N. G. Stout farm and 800 feet from
G. Powell farm as per plan.
10-9-14

J. L. Freeman (owner)
Daleton, W. Va.
R. F. D. #3



54

TITLE Reserve
 RESERVE Three hundred feet around the
Guernsey house
 SPECIAL INSTRUCTIONS: COMPLETE WELL ON OR BEFORE Jan 24 - 1915
 Location made 10-11-14 by J. A. Steiner As per plat, except as noted. On field map
10-18-14 Returned to Pittsburgh 10-18-14
 Location changed on account of _____
 Authorized by _____ Date _____ Signed _____

017-1946

Well No. 3665 District 1010
 Located on Sec 11, 180/4 - 143 acres County DeWitt State Pa.
 District Grant County DeWitt State Pa.

J. L. Freeman
 District 1010
 Farm P. B. D.

Location Made 10-14-14 First Work Done 10-16-14
 Rig Commenced 11-9-14 Rig Completed 11-13-14
 Drilling Commenced 11-25-14 Drilling Completed 1-19-15
 Rig Contractor Natural Gas Co. Drilling Contractor Natural Gas Co. Dr. Dept. #46
 Drillers W. H. B. Co. Taps, String No.
 Tool Dressers O. H. H. Co. and Co. H. H. H. Co.

FORMATION	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
live Coal	None	None					1-13" X 16" Wood Conductor
Pittsburg Coal	784	790	784				
the Dunkard	1214	1265					
g Dunkard	1320	1367					
Sand							
st Salt	1580	1617		1677			7 Bailers Salt Water per hour
ond Salt	1655	1713		1690			" " " " " "
axon	1939	1975	1847			1847	7 Bailers Salt Water 1725-1905 3/4" water 2" opening
the Lime	2040	2060					
well Cave	2060	2075					
g Lime	2075	2130					
g Injun	2130	2255	2130			2116 2185	2/10 water 1" opening 1/10 water 1" opening
aw	None	None	2176				
rea	None	None	2185				
ntz	2393	2480					
ly Foot	None	None					
nty Foot	None	None					
ndom Stray	None	None					
ndom	2814	2827					
urth	2900	2915					
th	2960	2987					
yard	None	None					
Total Depth		3212	3212				by 12th District and Contractors Lines

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" "	505	11	447	4	-	-	447	4	39	4	19	3	10" casing will be pulled later, when repairs on well are completed.
8 1/2" "	1311	1	1331	7	-	-	1331	7	39	6	-	-	
5-8" "	2141	9	2125	11	-	-	2125	11	19	8	26	2	
3-16" "	2846	8	-	-	-	-	-	-	-	-	2846	8	
- Tbg.													

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
1-	5 1/2" Steel			Set at 1321 1/2 ft. S.L. Well on Bottom 8 1/2" Casing
1-	6 1/2" "			Set at 2111 1/2 ft. S.L. Well on Bottom 6 1/2" Casing

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		
2015	20	2175	2185	3 1/2"	Injun	5/10 Water	1"	30 Mcf	3/10 Water	2"	189 Mcf	1	Marquette Lyford

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..... of..... Coal Company on ground when coal was cemented
 Remarks: 270.5 feet using 20 feet bucket
 Signature of persons who cemented well

017-1946
 Approved by J. H. Martz Foreman