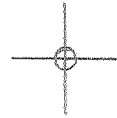


LATITUDE 39° 22' 30"

LONGITUDE 80° 40' 00"



7.5 OGIS topo location

7.5' loc	<u>2.085</u>	15' loc	<u>4.965</u>
	<u>0.77 W</u>	(calc.)	<u>0.77 W</u>

Company _____

Farm _____

Elev 890' - 7.5' topo - cl 3/5/93

Centerpoint WC

Quad SMITHBURG 7 1/2'

County DOORIDGE

District GRANT

WELL LOCATION MAP

File No. 017-1925

HOPE NATURAL GAS COMPANY.

LOCATION FOR WELL No. 1531

Shirley

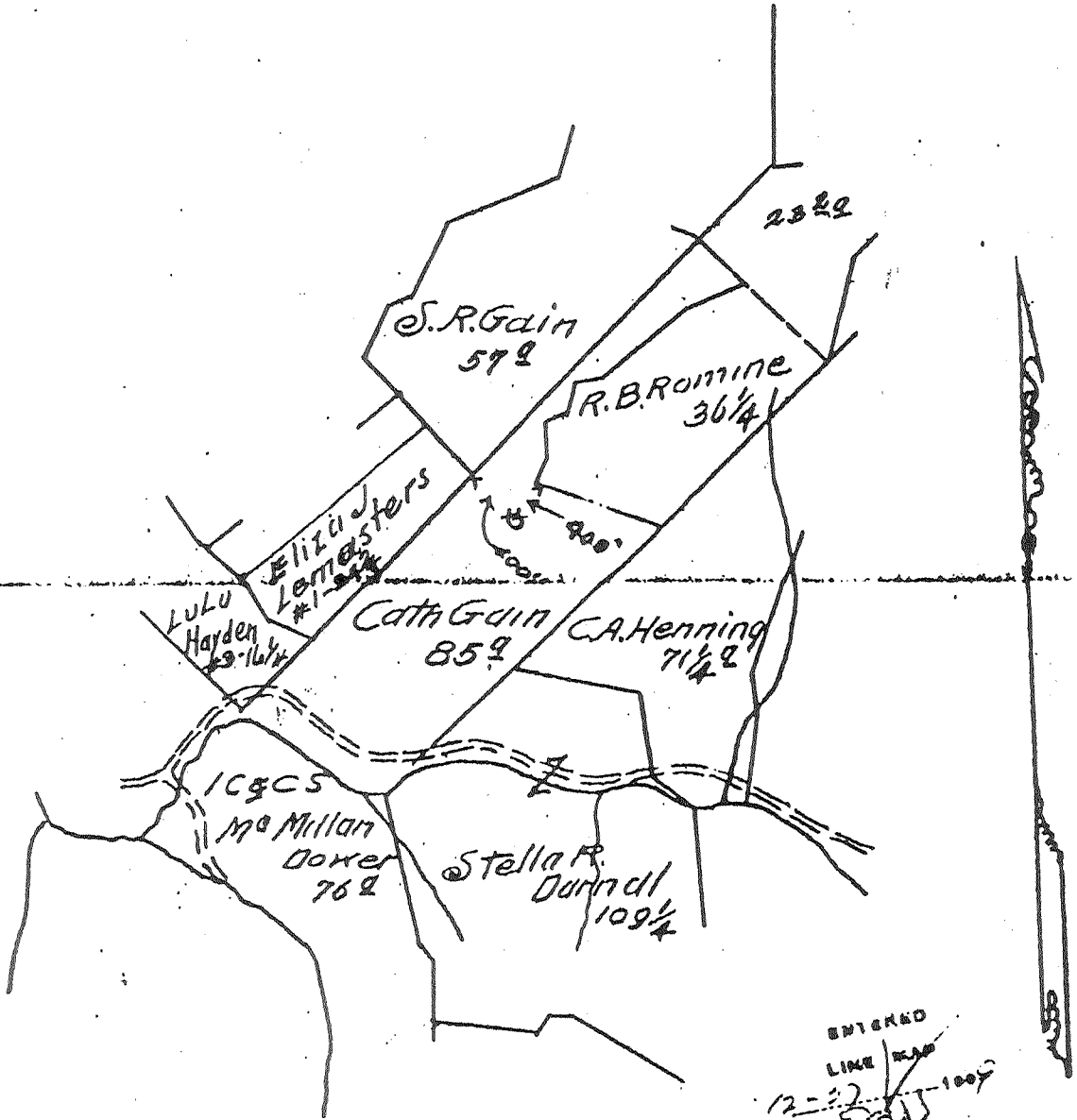
DISTRICT

On *Soraya Gain* Farm, on waters of *Big Flint* District, *Doddridge* County, West Virginia.

Lease No. *4761* Acres. *85* N. *7* E. *4*

Scale, one inch equals *80 Poles* Sent to *N. Y. C 11-27-1909*

Location to be *400 feet from Jewasters-Gain corner*
and 400 feet from R. B. Romine farm line



ENTERED
LINE / MAP
12-22-1909
11-27-1909

ENTERED
FILED
INDEXED
RECORDED
NOV 27 1909

RESERVE *Three hundred feet around the buildings* Q17-1925

SPECIAL INSTRUCTIONS *Complete well on or before*
March 31, 1910

Location made *12-4-09* by *Platt* As per plat, except as noted. On field map
12-9-09 Returned to Pittsburgh *DEC 7 1809*

Location changed on account of _____
Authorized by _____ Date _____ 1 _____ Signed _____

Well No. 1531
 Located on Grant District Doddridge County West Virginia State
 Location made 12-4-1909 First work done 12-7-1909
 Rig Commenced 12-20-1909 Rig Completed 12-29-1909
 Drilling Commenced 2-4-1910 Drilling Completed 3-24-1910
 Rig Contractor The Hoop Natl Gas Co (Drilling Contractor
 If H. N. G. Co. Tools, String No.) Ash Bros
 Drillers Ferman Trapp & Sherman Mann
 Tool Dressers Darce Flint & Ben Fleming

FORMATION	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Gas or Oil Depth Found	REMARKS
Native Coal				1200		made 12 Bailers for hours
Pittsburgh Coal	1116	422		1369		
Little Dunkard	820	835				
Big Dunkard	942	967				Break in Big Injun sand at 1820 to 1830
Gas Sand	1090	1127				017-1925
First Salt	1143	1210				
Second Salt	1308	1338				
Maxon	1550	1625				
Little Lime	1630	1655				
Pencil Cave	1655	1665				
Big Lime	1665	1742				
Big Injun	1742	1873	1742		1833	1857 to 1867 - 5/10 Mucous through 678"
Squaw			1833			
Berea			1873			
Gantz			1875			
Fifty Foot						
Thirty Foot						
Gordon Stray						
Gordon						Extra amount 10" casing by order of Contractor
Fourth						
Fifth						Extra amount 6 3/8" was caused by staying pipe in different places and fallies near top of well but on usual amount of water 8:1
Bayard						
Shindalt Sand	1340	1400				
TOTAL DEPTH			1875			

CASING RECORD								PACKER RECORD							
Size	Charged to Well		Put in Well		Pulled Out		Left in Well		Transferred before Completing		Left at Well Not in Use		Size	KIND	Depth Feet
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.			
10	405	8	185	-	None	-	185	-	None	-	220	8			
8 1/4	980	11	945	8	None	-	945	8	None	-	35	3	8 1/4 x 10	B.H. Packer	945
6 3/8	2050	5	1673	6	None	-	1673	6	None	-	376	11	6 3/8 x 8 1/4	Anchor Packer	1673

Note.—If 10" casing cemented, so state, and at what depth No

If tubed note size and amount of tubing None
 If more than two strings of casing are left in hole give reasons for leaving additional strings Did not pull 10" casing
across of limit of lease 5' in casing stands for
of water to top

Steel line measurements should be made of Top and Bottom of Pittsburgh Coal and all the principal sands.
 Under Remarks note if any of principal sands are not found and if any peculiarities in sands, as looser or harder than ordinary, etc.
 If any coal other than native or Pittsburgh be found, give steel line measurements of Top and Bottom and nature of coal.
 Note if water found is fresh or salt.

Approved by
J. A. Dodge Foreman