

LATITUDE

39° 27' 30"

80° 20' 00"

0
1.145
0.28W

LONGITUDE

7.5 OGIS topo location

7.5' loc,

15' loc 4.025
(calc.) 0.28W

Company Hope Natural Gas Co. 1220

Farm Robanna Martin

Elev. 1250' 7.5 topo

Quad Sherrinton / Clarkburg NC

County Harrison

District Eagle

WELL LOCATION MAP

File No. 033-1293

HOPE NATURAL GAS COMPANY

LOCATION FOR WELL No. 1220

Buffalo DISTRICT

Rubanna Martin Farm, on waters of *Hardesty Run*

Eagle District, *Ransom* County, West Virginia

Lease No. *4500* Acres *40* N. *1* S. *1* E. *16* W.

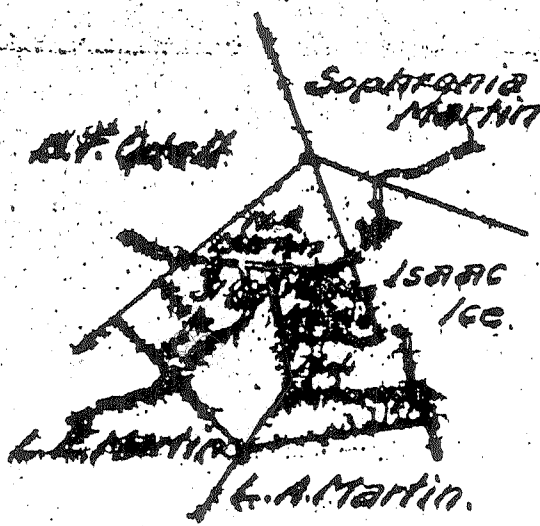
Scale, one inch equals *80 Poles* Sent to *M. G. C. 3-24-1909*

Location to be *400 feet from B. A. Bell farm line and 400 feet from J. E. Martin farm line.*

033-1293

ENTERED	
WELL BOOK
LEASE RECORD
LEASE DOCKET
WALL MAP	<i>3-21-09</i>
WORKING MAP
LOCATION BOOK	<i>✓</i>

ENTERED
LINE MAP
3-21-1909
BY *G.P.R.*



RESERVE *None*

SPECIAL INSTRUCTIONS *Complete well on or before June 24, 1909.*

Location made *3/27* 1909 by *J. P. McClinton* as per plat, ~~except as noted~~ On field *3-29-09* Returned to Pittsburgh *1*

Location changed on account of.....
Authorized by..... Date *1* Signed..... *1909*

WELL RECORD.

Rubama Martin Farm 4.9 Acres
 Eagles District Harrison County W.V. State
 Well No. 1220
 Rig Commenced Apr 22 1909
 Rig Completed " 28 1909 Hope Nat'l Co Contractor.
 Drilling Commenced May 5 1909
 Drilling Completed June 30 1909 J. H. Williams Contractor.

ROCK FORMATION	TOP.	BOTTOM.	REMARKS.
Pittsburg	283	291	...
Big Break	720	810	...
Gas Sand	960	1038	
First Salt Sand	1053	1118	Water 1074
Second " "	1217	1347	
Little Lime	1565	1577	
Pencil Lave	1577	1592	
Big Lime	1592	1632	
Big Limestone	1669	1765	Steel Line
Gas	1725		7/10 water 2 open. Steel Line 60Mct.
Sand	1775	1791	
Gaults	1900	1945	
Fifty Foot	2160	2180	
Thirty Foot	2210	2312	
No Stray. Shale Shell	2312	2518	Steel Line
London	2518	2553	"
Lower	2587	2597	"
Fifth	2660	2680	"
Shale	2662		"
"	2668		"
"	2670		"
Total depth		2684	4 1/10 water 5 3/16 Cap.
Drillers	Jess Keefer	Okey Snyder	
	Sam Hedrow	William Williams	

used - 1- 6 3/8 x 8 1/4 B.H. Packer 2684
 1- 5 3/16 x 6 5/8 " " 283
 2401

CASING RECORD.

Size.	Charged to Well		Put in Well		Pulled Out		Left in Well		Transferred Before Completion		Left at Well, Not in Use	
	Feet.	In.	Feet.	In.	Feet.	In.	Feet.	In.	Feet.	In.	Feet.	In.
10	371	3	349	-	-	-	349	-	-	-	22	3
8 1/4	1324	5	1272	-	1272	-	-	-	-	-	1324	5
6 5/8	1764	8	1682	-	-	-	1682	-	-	-	82	8
5 3/16	2591	4	2547	9	-	-	2547	9	-	-	43	7

Production First 24 hours } 40/10 water
 5 3/16 casing } 2 16 96 Mct
 Approved by J. H. Williams

PROOF—Sum of Three right hand columns equal first or "Charged to Well."
 Use as many sheets as necessary to make a complete record.
 In making out this record please use copying ink or an indelible pencil.

WELL BOOK []
 LEASE RECORD []
 LEASE BOOK []
 WALL MAP []
 WORKING MAP []
 LOCATION BOOK []