

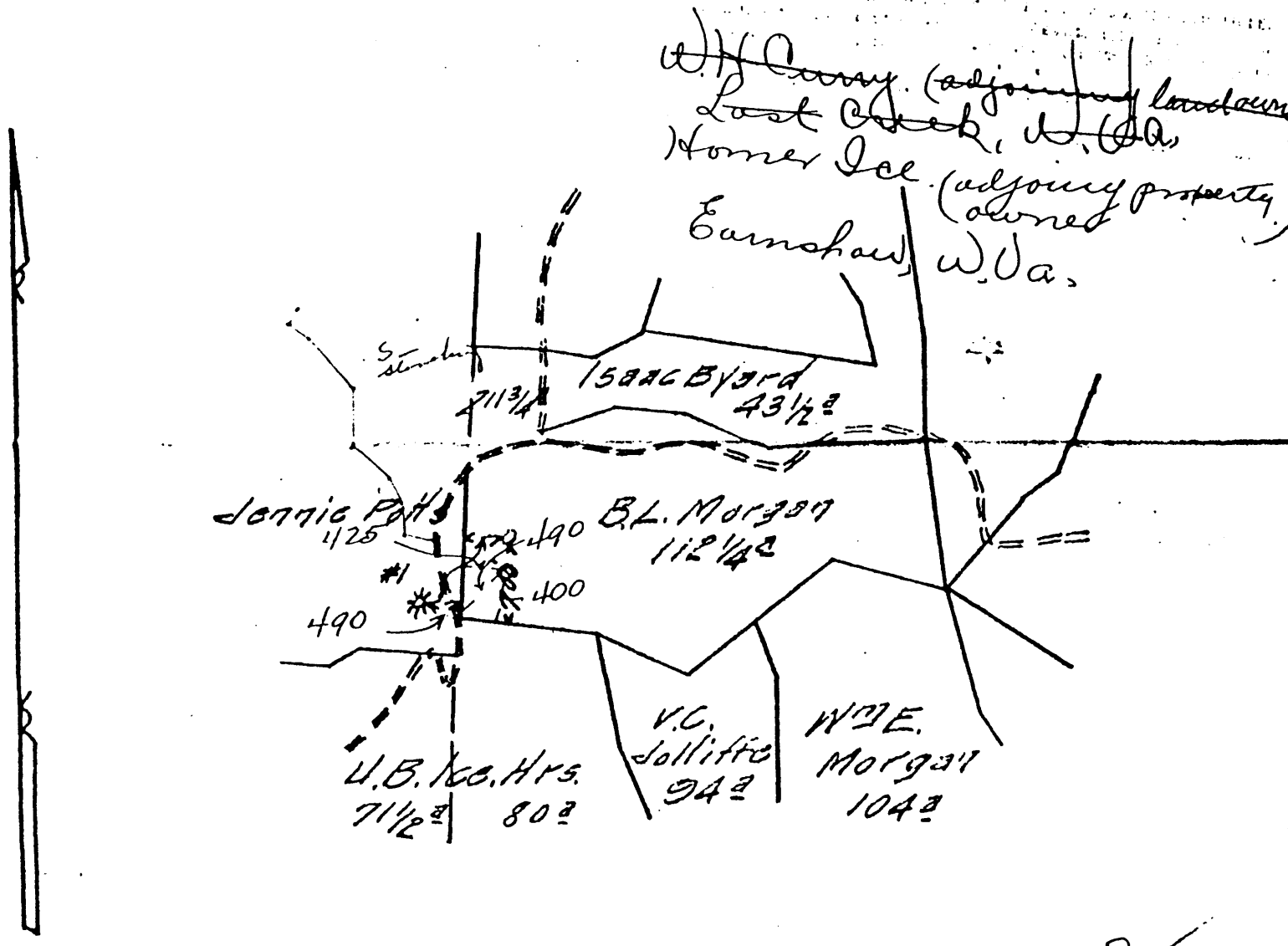
HOPE NATURAL GAS CO.

LOCATION FOR WELL No. 3814

On B. L. Morgan Farm, on waters of Shilley Fork
Grant District Putzel County, West Virginia.

Lease No. 3280 Acres 141 N. 11 S. 7 E. 7 W.
 Scale, one inch equals 80 Poles Sent to Clarksburg Office April 30 1915

Location to be 700 feet from U.B. Cox Mrs. and same distance
from former Coles farm line as Chasling's #1
4-28-15



32

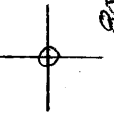
TITLE: Reserve
 RESERVE: Terrace from the landings

SPECIAL INSTRUCTIONS: COMPLETE WELL ON OR BEFORE
June 1st 1915
 Location made 5-13-15 by D. D. Lacey As per plat except as noted On field map.
5-14-15 Returned to Pittsburgh 5-14-15

Location changed on account of deep ground
 Authorized by J. B. Carrin Date 5-14-15 Signed A. H. Bradley
103-0691 rec'd.

LATITUDE 39° 37' 30"

LONGITUDE 80° 35' 00"



7'5 OGIS topo location

7.5' LOC 1.46S 15' LOC _____
 0.16W (calc.) _____

Company _____

Farm _____

Quad BIG RUN 7 1/2'

County WETZEL

District GRANT

WELL LOCATION MAP

File No. 103-0691

(047)

Record of *Garner - Littleton* Company
 Well No. *3814*
 Located on *B. L. Morgan*
 District *Grant* County *Stetzel* State *W. Va.*
 Location Made *5-11-15* First Work Done *5-12-15*
 Rig Commenced *6-15-15* Rig Completed *6-22-15*
 Drilling Commenced *7-2-15* Drilling Completed *8-21-15*
 Rig Contractor *J. G. Co. (a. b. Edgar)* Drilling Contractor *J. B. Foley*
 Drillers *Joseph Grubbs, Daniel Grubbs*
 Tool Dressery

FORMATION	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Native Coal	465	468	sh				
Pittsburg Coal	952	958	"				<i>water thru 2"</i>
Little Dunkard	1172	1136	"				<i>2 1/2" water in opening</i>
Big Dunkard	1425	1175	"				
Gas Sand	1575	1650	"				
First Salt	1731	1805	"			1931	<i>24/10 water thru 2" 7-2</i>
Second Salt	1855	1920	"	1860			<i>Made 8 Bails per hr.</i>
Maxon			"				
Little Lime	2120	2133	"				
Pencil Cave	2133	2155	"				
Big Lime	2155	2257	"				
Big Injan	2237	2420	"			2248	<i>4/10 water 1" opening</i>
Squaw			"				
Berea			"				
Gantz	2775	2795	"				
Fifty Foot	2882	2935	"				
Thirty Foot	2964	2987	"				
Gordon Stray	3007	3028	"				
Gordon	3057		"			3096	<i>17/10 Mercury through 2" was when gets in first section. Test at completion was 44/10 Mercury 2" 6"</i>
Fourth			"				
Fifth			"				
Bayard			"				
Total Depth		8103	"				

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" "	885	11	660	11					205	6	19	6	
8 1/2" "	1778	2	1440	3					205	6	132	5	
6 5/8" "	2342	7	2199	10							142	9	
5 3/16" "	3452	11	3060	4					384	11	17	8	
Tbg.													

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
5 1/2 x 6 3/8	O.N.	—	3060 4	<i>Wet - 691</i>
6 5/8 x 8 1/4	O.N.	—	2199 10	

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			
<i>Well not shot</i>														

CEMENTING RECORD

Date Cemented *W. L. Morgan* Size Hole Cemented..... Size Casing Cemented.....
 Top Pittsburg Coal..... Top Cementing..... Amount Cement Used.....
 Bottom Pittsburg Coal..... Bottom Cementing..... Amount Sand Used.....
 Mr. *AUG 30 1915 H.F.S.* of..... Coal Company on ground when coal was cemented
 Remarks:..... Signature of persons who cemented well

WELL BOOK NO.
 LEASE RECORD NO.
 PAGE NO.
 WALL PAP.
 LOCATION COOK
 COUNTY, STATE
 CONT. NO. 107
 TITLE
 AUG 30 1915 J.O.I.
 SEP 11 1915 A.J.D.

Approved by *J. B. Foley* Foreman
 103-0691