

LATITUDE 39°37'30"

LONGITUDE 80°27'30"

NORTH

LESTER ICE

R.L. LOWE

J.B. HINERMAN

METZ

3184

EL. 1205'

S78°29'W-372'

M. HIGGINBOTHAM
11753-100a
(Now RUSSELL OR
EVELYN WILEY)

W.L. MORGAN

HIBBS

S39°30'W-214.5'

N63°E-556.38'

MAP SHEET-Q118139-N210,E422 FB.2346 PG.23-27

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 600'
MINIMUM DEGREE OF
ACCURACY 1' in 200'
PROVEN SOURCE OF
ELEVATION BM = CNG WELL
NO. 12771, EL. 973

I THE UNDERSIGNED, HEREBY CERTIFY THAT
THIS PLAT IS CORRECT TO THE BEST OF MY
KNOWLEDGE AND BELIEF AND SHOWS ALL THE
INFORMATION REQUIRED BY LAW AND THE REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF MINES.

(SIGNED) Robert C. Campbell
R.P.E. _____ L.L.S. 221

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE JULY 10, 19 90
OPERATOR'S WELL NO. 3184
API WELL NO. _____
47 - 103 - 1473 - P
STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION 1205' WATER SHED WILLEY FORK
DISTRICT GRANT COUNTY WETZEL
QUADRANGLE GLOVER GAP 7.5' TOPO
SURFACE OWNER HAZEL CROSS ACREAGE 100a
OIL & GAS ROYALTY OWNER M. HIGGINBOTHAM (Now R. or E. WILEY) LEASE ACREAGE 100a
LEASE NO. 11753

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW
FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

AUG 17 1990

PLUG AND ABANDON X CLEAN OUT AND REPLUG ___
TARGET FORMATION _____ ESTIMATED DEPTH _____
WELL OPERATOR CNG TRANS. CORP. DESIGNATED AGENT GLENN A. KNEPPER
ADDRESS 445 WEST MAIN STREET ADDRESS 347 WEST MAIN STREET
CLARKSBURG, WEST VIRGINIA CLARKSBURG, WEST VIRGINIA

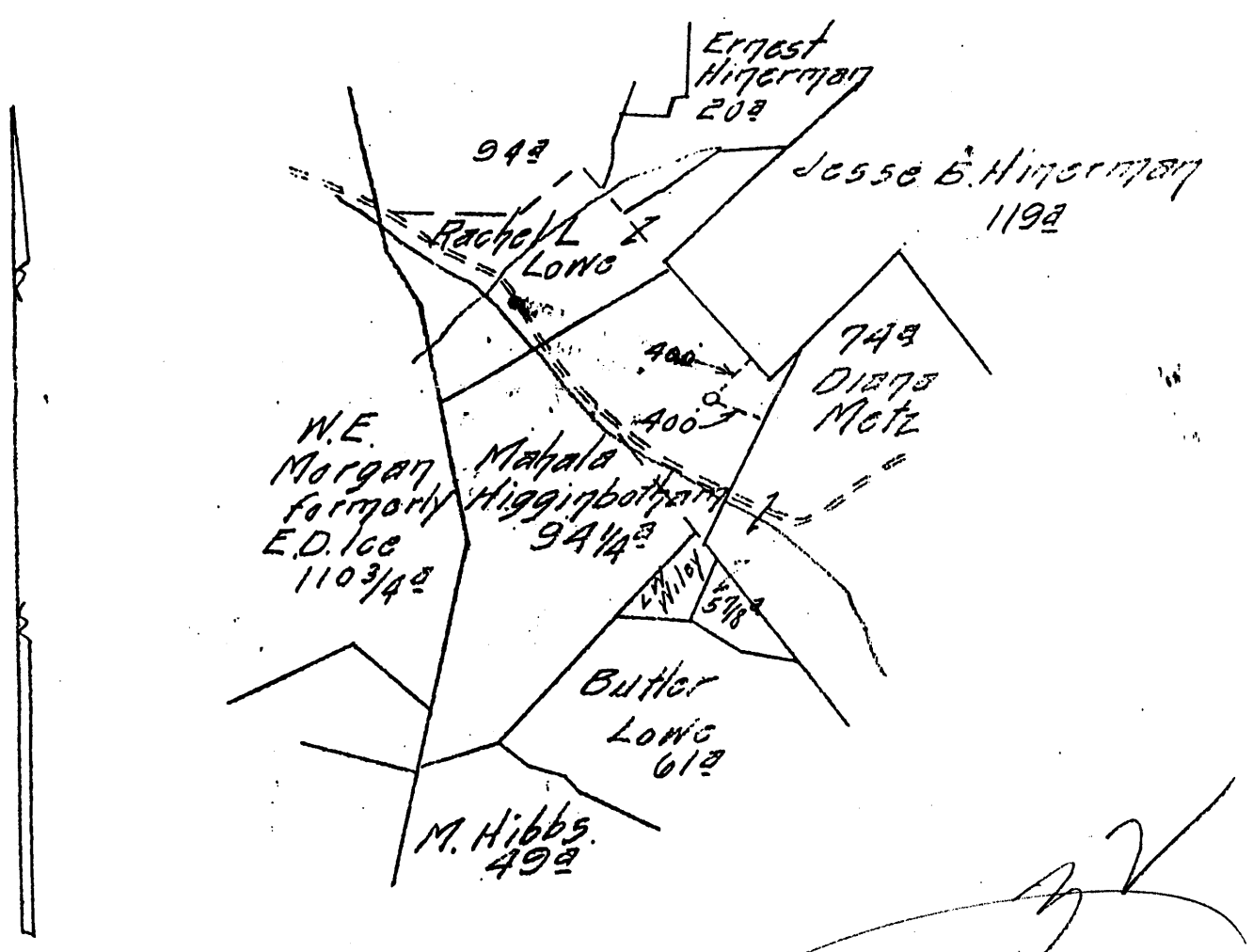
HOPE NATURAL GAS CO.

LOCATION FOR WELL No. 3184

On *Samuel L. Ladd* DISTRICT
Mahala Higginbotham Farm, in waters of *Dixley Fork*
Grant District *Metzger* County, West Virg.

Lease No. *11753* Acres *100* N. *10* S. E. *8* W.
Scale one inch equals *800 Feet* Sent to Clarkburg Office *Sept 3, 1913*

Location to be *Four hundred feet from Diana Metz farm and four hundred feet from Jesse B. Hinerman farm.*
8-13-13



TITLE *Lord* *this # reused for ano. well* *See: 103-1473-P*
 RESERVE *Two hundred feet around the barn and dwelling buildings*
 SPECIAL INSTRUCTIONS: COMPLETE WELL ON OR BEFORE _____

Location made *4-19-13* by *J.C. ...* As per plat, except as noted *On field no.*
 Returned to Pittsburgh *4-20-13*
 Location changed on account of _____
 Authorized by _____ Date _____ Signed _____

6-25-93

HOPE NATURAL GAS CO.

LOCATION FOR WELL No. 3184

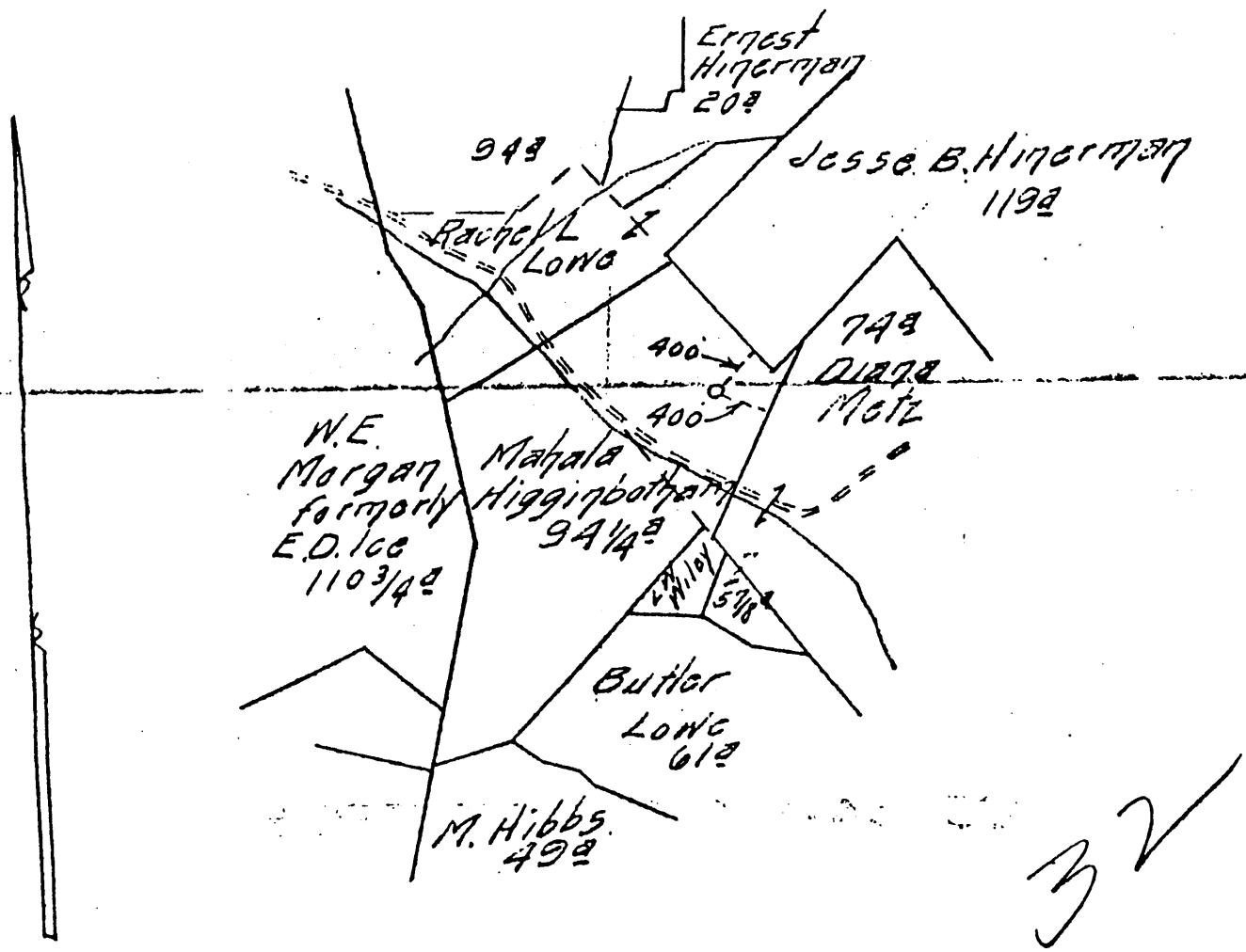
Garner Licking DISTRICT

On Mahala Higginbotham Farm, on waters of Wiley Fork
Grant District, ~~Putnam~~ Putnam County, West Virginia.

Lease No 11753 Acres 100 N. 10 S. 8 E. 8 W.
Scale, one inch equals 80 Poles Sent to Clarkburg Office Sept 3, 1913

Location to be Four hundred feet from Diana Metz farm and
four hundred feet from Jesse B. Hinerman farm.
8-13-13

4



THIS *Land*
RESERVE *Four hundred feet around the*
corner of dwelling buildings
SPECIAL INSTRUCTIONS. COMPLETE WELL ON OR BEFORE

103 1473
041-2036

Location made 9-19-13 by J.C. Owens As per plat, ~~see~~ noted. On field map.
4 20-13 Returned to Pittsburgh 9-20-13
Location changed on account of
Authorized by _____ Date _____ Signed _____

LATITUDE 39° 37' 30"
3940

5208
8025
03, 42, 08 LONGITUDE



7.5 OGIS topo location

7.5' loc 2.48S 15' loc _____
 1.79N (calc.) _____

Company _____

Farm _____

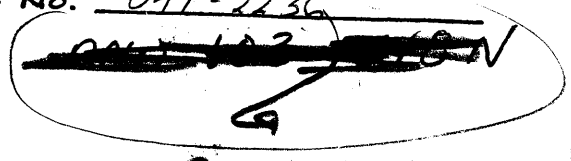
Quad Mamington WC
GLOVER GAP 7 1/2'

County WETZEL

District GRANT

WELL LOCATION MAP

File No. 041-2236



103 1473

Form 124
 Record of Hope Natural Gas Company Littleton
 Well No. 3184 1473 District Littleton
 Located on Mahala Higginbotham Farm
 District Grant County Watzol State W.Va.
 Location Made 9-19-13 First Work Done 9-27-13
 Rig Commenced 9-30-13 Rig Completed 10-9-13
 Drilling Commenced 10-25-13 Drilling Completed 1-19-14
 Rig Contractor Hope Rig Bldg. Dept. Drilling Contractor Hope Drg. Dept.
 Drillers H.B. Strosnider, Sam Tedrow, Jos Shaver U.S. G. Co. Tools. String No. #18
 Tool Dressers L. Hinerman, Ray Cowell, Nute Hibbs, John A. Lowe

O.K.
O.H.C.

FORMATION	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Native Coal	760	766	S.L.				
Pittsburg Coal	856	866	"				
Little Dunkard	1190	1215	"				
Big Dunkard	1325	1389	"				
Gas Sand	1430	1484	"				
First Salt	1488	1568	"				
Second Salt	1630	1803	"	1770			
Maxon	1980	2010	"			1992	12/10 Mer, 2" Opg. Exhau
Little Lime	2020	2035	"				
Pencil Cave	2035	2042	"				
Big Lime	2042	2150	"				
Big Injun	2150	2215	"			2162	16/10 Water Thru 2" Op
Squaw							
Berea							
Gantz							
Fifty Foot	2797	2812	"				
Thirty Foot	2836	2844	"				
Gordon Stray	2905	2952	"			2913	16/10 Mercury Thru 2"
Gordon	2953	2980	"				
Fourth	3025	3036	"			3027	24/10 Mer. Stra & 4th. 2" opng.,
Fifth							
Bayard							
Total Depth		3044					

SIZE	Charged to Well		Put in Well		Pulled Out		Left in Well		Transferred Before Completing		Left at Well Not in Use	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
13" Csg.												
10" "	373	4	351	4	None		351	4	None		22	
8 1/4" "	1526	10	1328		"		1328		198	10	None	
6 5/8" "	2270	1	2086	10	"		2086	10	"		183	3
5 3/16" "	3131	5	2930	5	"		2930	5	"		201	-
Tbg.	None											

If more than two strings of casing are left in hole, give reasons for leaving additional strings

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
8 1/4 x 6 5/8	Bottom Hole			on 6-5/8" 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		
		Not shot											

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 well was cemented
 Remarks: Not cemented. Signature of persons who cemented well

Approved by [Signature] Foreman

Record of Wells No. 3184
 Location Mahala Higginbotham
 District Littleton
 County Grant
 State W. Va.
 Farm 041-Lewis

Drilling Commenced 9-19-13
 First Work Done 9-27-13
 Drilling Completed 10-9-13
 Rig Completed 10-9-13
 Drilling Completed 1-19-14
 Contractor Hope Rig Bldg. Dept.
 Drilling Contractor Hope Drg Dept.
 U.S. S. Co. Tools String No. #18
 Drillers H.B. Stroanider, Sam Tedrow, Jos Shaver
 Dressers I. Hinerman, Ray Cowell, Nute Hibbs, John A. Lowe

103
 8E
 32

FORMATION	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Coal	760	766	S.L.				
Pittsburg Coal	856	866	"				
Bankard	1190	1215	"				
	1320	1389	"				
Sand	1430	1484	"				
Salt	1488	1568	"				
Salt	1630	1803	"	1770			
Salt	1980	2010	"			1992	12/10 Mer, 2" Opg. Exhausted
Lime	2020	2035	"				
Oil Cave	2035	2042	"				
Lime	2042	2150	"			2162	16/10 Water Thru 2" Opg.
Injun	2150	2215	"				
	2797	2812	"				
	2836	2844	"				
Iron Stray	2905	2952	"			2913	16/10 Mercury Thru 2" Opg
Iron	2953	2980	"				
Iron	3025	3036	"			3027	24/10 Mer. Stra & 4th. thru 2" opng.
Total Depth		3044					

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.	
3" Csg.													
10" "	373	4	351	4	None		351	4	None		22		
3 1/2" "	1526	10	1328		"		1328		198	10	None		
5-8" "	2270	1	2086	10	"		2086	10	"		183	3	
16" "	3131	5	2930	5	"		2930	5	"		201	-	
Tbg.	None												

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
6 5/8	Bottom Hole			on 6-5/8" 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		
		Not shot											

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: Not cemented. Signature of persons who cemented well

Law-2236 103 1493 Approved by [Signature] Foreman

RECEIVED
DEC 20 1991

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: CROSS, CLYDE Operator Well No.: 3184

LOCATION: Elevation: 1205.00 Quadrangle: GLOVER GAP
District: GRANT County: WETZEL
Latitude: 13450 Feet South of 39 Deg. 37 Min. 30 Sec.
Longitude 9750 Feet West of 80 Deg. 27 Min. 30 Sec.

Well Type: OIL _____ GAS x

Company: CNG Transmission
P.O. Box 2450
Clarksburg, WV 26302

Coal Operator Western Pocohontas Prop.
or Owner P.O. Box 2827
Huntington, WV 25727

Agent: Glenn A. Knepper
Inspector: Donald Ellis
Permit Issued: 08/13/90

Coal Operator Consolidated Coal Company
or Owner Consol. Plaza
Pittsburgh, PA 15241

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Upshur ss:

Robert Wharton and Larry Helmick being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by R. L. Wharton Ltd., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 12th day of December, 1991, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement	2900	2850	0 of 5 1/2"	2930
Gel	2850	1750	0 of 6"	2086
Cement	1750	1650		
Cement	925	700		
Gel	700	50		
Cement	700	50		
Cement	50	0		
Note: 5" and 7" was cemented together. 5" and 7" was rusted full of holes at 860'.				

Description of monument: Monument erected per DOE regulations.

and that the work of plugging and filling said well was completed on the 17th day of December, 1991.

And further deponents saith not.

Robert Wharton
Larry Helmick
Glenn Murray
Notary Public

Sworn and subscribe before me this 17th day of December, 1991
My commission expires: Nov. 3, 1993

FEB 14 1992

Mr. K. Lewis

Met R. Wharton in Buckhannon about

103-1473 P

They squeezed cement between 700' + 925'
until it stopped and pressured up (42 sacks)
where the affidavit calls cement 700' to 50'
was an office mistake.

Steve Casey