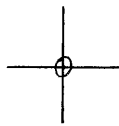


LATITUDE 39°40'00"

05' 32' 30"

LONGITUDE



7'5 OGIS topo location

7.5' 10C 2.815 15' 10C \_\_\_\_\_  
' 1.80W (calc.) \_\_\_\_\_

Company \_\_\_\_\_

Farm \_\_\_\_\_

Quad LITTLETON 7 1/2'

County WETZEL

District CENTER

WELL LOCATION MAP

File No. 103-0705

(045)

# HOPE NATURAL GAS COMPANY

LOCATION FOR WELL No. *4744* c. *S.P.*

DISTRICT *Knob Fork*

Farm, on waters of *Knob Fork*

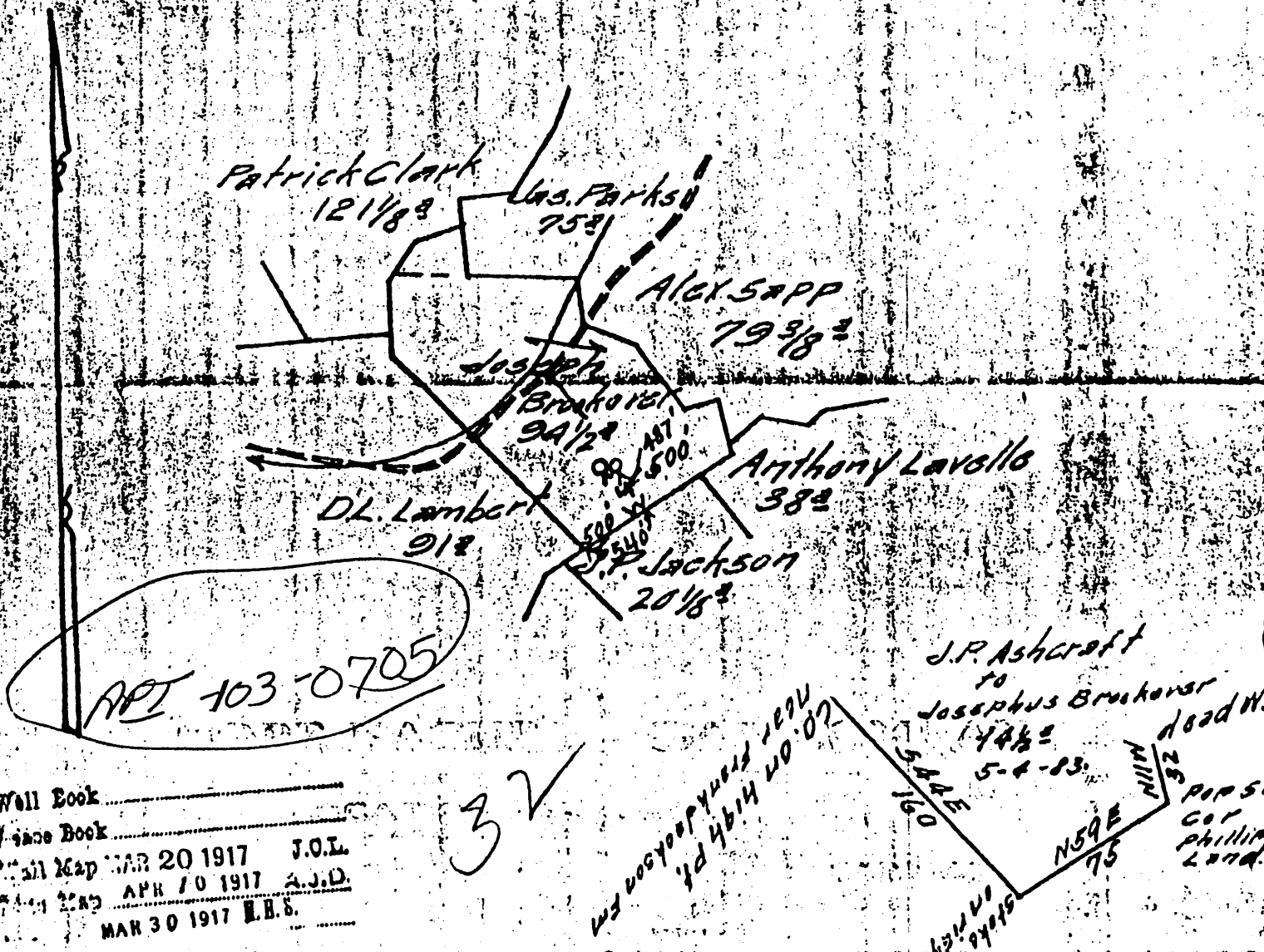
District, *Knob Fork*

County, West Virginia.

Lease No. *16* Acres *100* N. *13* S. *3* E. *3* W.

Scale one inch equals *800 feet* Location made in Pittsburgh *Jul 2, 1917* Sent to Clarksburg *Jul 5, 1917*

Location to be *500 feet from G. P. Jackson farm at a point 500 feet from Lambert-Jackson corner.*



Well Book \_\_\_\_\_  
 Lease Book \_\_\_\_\_  
 Oil Map MAR 20 1917 J.O.L.  
 Oil Map APR 10 1917 A.J.D.  
 Oil Map MAR 30 1917 E.H.S.

TITLE RESERVE *Five hundred feet around*

SPECIAL INSTRUCTIONS: COMPLETE WELL ON OR BEFORE \_\_\_\_\_

Same Lease on which Located Well No. *128*

Location made *3-2-17* by *G.M. Cunningham* As per plat, except as noted. On field map.

*3-6-17* Returned to Pittsburgh *3-6-17*

Location changed on account of *land slide*

Authorized by *J. Blouin* Date *3-5-17* Signed *G.M. Bradley*

Well No. 4744

Littleton

District

Located on I. T. Brookover

Farm

District Center

County Metz

State W. Va.

Location Made 3-2-17

First Work Done

Rig Commenced 6-28-17

Rig Completed 7-7-17

Drilling Commenced 8-27-17

Drilling Completed 2-15-18

Rig Contractor Hope Nat Gas Co.

Drilling Contractor Hope Drlg. Dept. Strg #34

Drillers J. O. Howard-F. F. Pyles

M. H. G. Co. Tools. String No.

Tool Dressers Thos. Lemley-Patriok Lavelle

FORMATION	TOP	BOTTOM	Steel Line Measurements	Water Faced Depth	Oil Faced Depth	Gas Faced Depth	REMARKS
Native Coal	415	418					Bluff sand 668 to 693
Pittsburg Coal	1030	1040	S.L.				Gas 673. Test 6/10 W 1" Opg.
Little Dunkard	1435	1477	"				
Big Dunkard	1498	1535	"		S.L.		
Gas Sand	1657	1710	"		1680		Tested 5 hrs. made tea cup
First Salt	1779	1807	"	1790			of oil.
Second Salt	1890	1967	"	1900			
Mazon	2150	2185	"	to 1928			
Blue Sand	2310	2319	"				
Red Sand	2219	2224	"				
Red Sand	2224	2283	"				
Big Injun	2283	2490	"			2362	Test 20/10 W 1" Opg.
Green	2624	2653	"				
Blue	2660	2719	"				
Fifty Foot	2832	2898	"				
Thirty Foot	Shells					S.L.	
Gordon Stray	3060	3100	"			3080	Test 10/10 W 3" Opg.
Gordon	3103	3115	"			3088	Test 20/10 W 3" Opg.
Houff	3148	3153	"			3104	Test 33.10 W 3" Opg.
Shell						3110	Test 10/10 M 2" Opg.
Shale							Gas from Injun sand and
Shale							Gordon Stray coming up in
Total Depth			3158-8/13 Steel line.				5 1/2" casing.

SIZE	Charged to Well		Put in Well		Packed 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.	
10"	431	3	348	4	None		348	4	63	-	20	10	Run shoes on all casing
8 1/2"	2006	10	1512		192	7	1319	5	488	2	26	8	
6 1/2"	2341	-	2020	6	None		2020	6	275	7	44	11	
5 1/2"	2643	3	2307	4	None		2307	4	None		335	10	

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
				No packers run,

SHOOTING RECORD (If shot before or upon completion of well)

DATE	Gauge	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		
Well Head			Not shot.										

CEMENTING RECORD

Date Cemented	Top of Shell	Bottom of Shell	Top Cementing	Bottom Cementing	Amount Cement Used	Amount Sand Used
APR 23 1918						
MAY 17 1918						
APR 25 1918						

Remarks: Steel lines of where casing actually sets. Signature of persons who cemented well

5" 6" 8" 10"

2224 Ft. 2016 Ft. 1500-10/12 Ft. 345 Ft.

Approved by: [Signature] Foreman

APR 10 1918