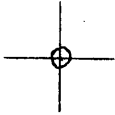


LATITUDE 39° 35' 00"

80° 37' 30"

LONGITUDE



7'5 OGIS topo location

7.5' loc 1.69S  
1.68W

15' loc \_\_\_\_\_  
(calc.) \_\_\_\_\_

Company \_\_\_\_\_

Farm \_\_\_\_\_

Quad PINE GROVE 7 1/2'

County WETZEL

District GRANT

WELL LOCATION MAP

File No. 103 - 0715

(041)

# HOPE NATURAL GAS COMPANY

LOCATION FOR WELL No. 5355

C. S. Hope  
Instructions N

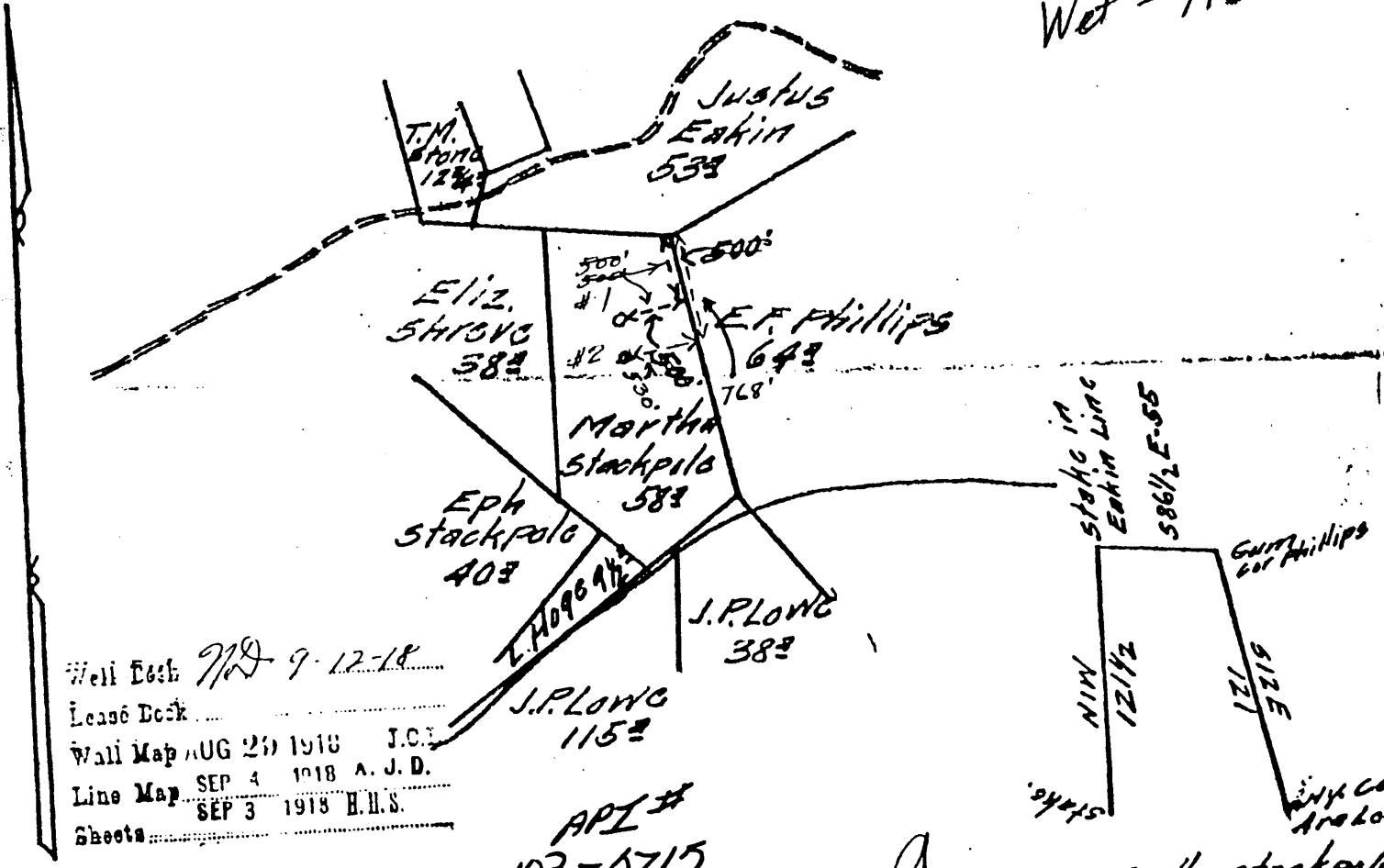
Pine Grove DISTRICT

Martha Stackpole Farm, on waters of Lower Run  
Grants District, Metz County, West Virginia.

Lease No. 26916 Acres 60 N. 7 8 S. E W. 2  
Scale one inch equals 80 poles Location made in Pittsburgh Aug 17-18 Sent to Clarksburg Aug 17-18

Location to be 500 feet from E. F. Phillips farm at a point 500 feet from Justus Eakin's corner as per plat.

Well - 715



TITLE RESERVE 300 feet around the well in reserve

SPECIAL INSTRUCTIONS: COMPLETE WELL ON OR BEFORE  
Same Lease on which Located Well No. \_\_\_\_\_

Location Made 8-23 18 by R.L. Reynolds As per plat, except as noted. On field map  
8-28 18 Returned to Pittsburgh 5-28 18  
Location changed on account of Slide  
Authorized by J.B. Carrin Date 8-27 18 Signed A.H. Pradd  
Talley

Record of HOPE NATURAL GAS Company  
 Well No. 5355 Pine Grove District  
 Located on Martha Stackpole Farm  
 District Grant County Wetzel State West Va.

Location Made 8-23-18 First Work Done 8-23-18  
 Rig Commenced 11-29-18 Rig Completed 12-6-18  
 Drilling Commenced 1-16-19 Drilling Completed 3-21-19  
 Rig Contractor H. D. D. { Drilling Contractor } H. D. D. - #13.  
 Drillers Carl Bailey and R. W. Finch { If H. M. Co. Tools, Bring No. }  
 Tool Dressers Jas. Willis and ?

FORMATION	Open or Close Hard or Soft	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Native Coal		350	357					
Pittsburgh Coal	Solid	832	837	S. L.				
Little Dunkard		1205	1230					
Big Dunkard								
Gas Sand		1415	1448					
First Salt		1480	1540					
Second Salt		1715	1745		1720			Salt water-10 barrels per hour.
Maxon		Shell						
Little Lime		1988	1995					
Pencil Cave		1995	2012					
Big Lime		2012	2060	S. L.				
Big Injun		2060	2332	" "				
Squaw								
Berea								
Gantz	Hard lime	2455	2535					
Fifty Feet		2682	2702					
Thirty Feet								
Gordon Stray		2874	2893					2874 30/10 W. thru 1" O.
Gordon		2899	2926					2905 30/10 W. thru 1" O.
Fourth								2925 40/10 W. thru 2" O.
Fifth								
Bayard								Hole reduced to 5 1/2" - 2879 feet.
Total Depth			2936					

*WET-715*

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" "	532		494	6	494	6	None				532	2	
8 1/2" "	1886	3	1447				1460		318		108	3	
6 5/8" "	2177	5	2045	6			2050				127	5	
6 3/8-10" "	3256	6									3256	6	
2" Tbg.	3316	6	2945				2945				371	6	

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
10"	Shoe		494' 6"	Pulled actual S. L. Meas. of shoulder
8 1/2"	"		1447'	" " "
6 5/8"	"		2045' 6"	" " "
6 3/8" x 2"	Anchor	247	2689'	

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
						Reading	Liquid	Opening	Reading	Liquid	Opening		
					NOT SHOT								

CEMENTING RECORD

Date Cemented NOT CEMENTED. Size Hole Cemented \_\_\_\_\_ Size Casing Cemented \_\_\_\_\_  
 Top Pittsburgh Coal \_\_\_\_\_ Top Cementing \_\_\_\_\_ Amount Cement Used \_\_\_\_\_  
 Bottom Pittsburgh Coal \_\_\_\_\_ Bottom Cementing \_\_\_\_\_ Amount Sand Used \_\_\_\_\_  
 Mr. \_\_\_\_\_ of \_\_\_\_\_ Coal Company on ground when coal was cemented  
 Remarks: \_\_\_\_\_ Signature of persons who cemented well

*Wet-715*

Approved by (Signed) W. J. Burkner.  
 P.O.E. Foreman