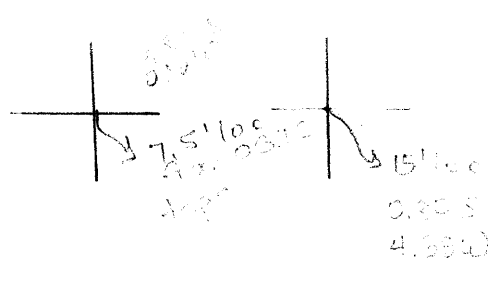


30' 24' 30"



100'

Centerpoint 7.5' quad  
 center of 10' quad WC  
 Ele. 921' ± (1000)

Tyler 497  
 095

# HOPE NATURAL GAS COMPANY

LOCATION FOR WELL No. 7238

Instructions N

OCCASION FOR WELL  
 No. 12864 Acres 100

No. 12864 Acres 100

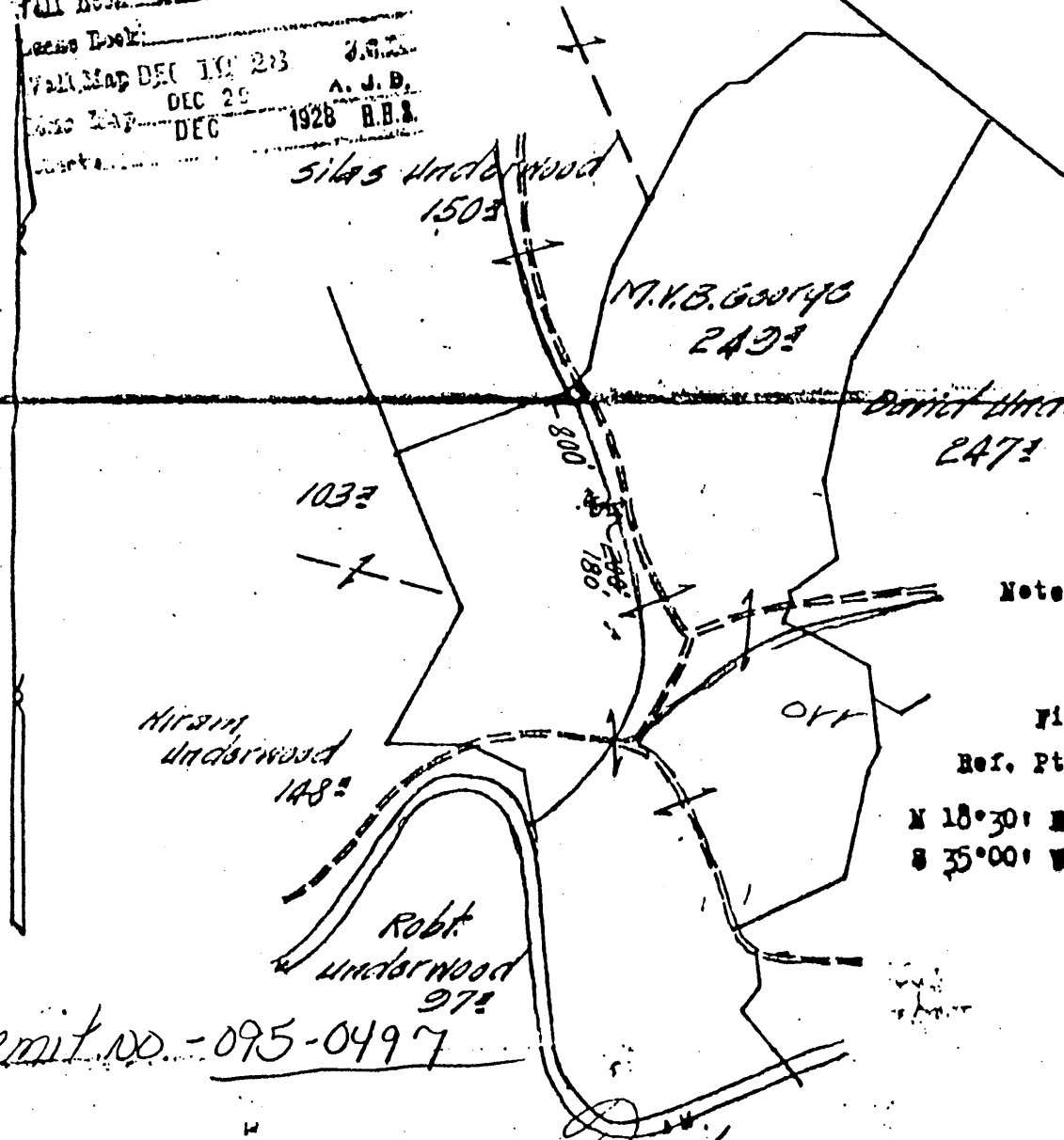
DISTRICT Shiloh  
 Farm on waters of George's Run  
 District Tyler County, West Virginia

Scale one inch equals 80 feet Location made in Pittsburgh Nov. 15-28 Sent to Clarksburg Nov. 15-28

Location to be 700 feet from George's Run and 800 feet from Silas Underwood farm, per plat.

COPY SENT TO PHILADELPHIA COMPANY

J.S.R.  
 Fall Book: DEC 29 1928  
 Lease Book:  
 Fall Map DEC 19 28 J.S.R.  
 Dec Map DEC 29 1928 A.J.B.  
 H.B.S.



Note: - USE # 1 STAKE

Field Book 42 Page 32

Ref. Pts:  
 N 18°30' E 85 ft to Tel pole  
 S 35°00' W 77 ft to Buckeye

Permit No. - 095-0497

Apr to be sent

TITLE RESERVE Twenty rods around the buildings

SPECIAL INSTRUCTIONS: COMPLETE WELL ON OR BEFORE  
 Same Lease on which are Located Wells No. 712864 & 3804

Location Made Nov. 30, 1928 by M. D. Linger As per plat, except as noted. On field map  
Dec. 3, 1928 Returned to Pittsburgh Dec. 3, 1928

Location changed on account of Original location came on edge of high bank  
 Authorized by J. B. Corrin Date Dec. 3, 1928 Signed S. H. Bradley  
W. Talley



# Birdwell

## Nuclear Log

Caliper ~ Temperature

7172 222  
 Check with  
 We do not  
 have a Plot  
 on this well

COMPANY Equitable Gas Company  
 WELL Hape Natural Gas Co's 7238  
 FIELD Big Moses  
 COUNTY Tyler 497 STATE W. Va.

LOCATION: <sup>v.B.</sup>  
M. George  
 ^

OTHER SERVICES

SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RGE. \_\_\_\_\_

ELEVATIONS:

PERMANENT DATUM C.L., ELEV. NA KB  
 LOG MEASURED FROM C.L. ft. above perm. datum DF  
 DRILLING MEASURED FROM NA GL. NA

DATE	<u>2 Nov. 66</u>	<u>2 Nov. 66</u>	<u>2 Nov 66</u>
RUN NO.	<u>one</u>	<u>one</u>	<u>003</u>
TYPE LOG	<u>Gamma</u>	<u>Neutron</u>	<u>Temp.</u>
DEPTH - DRILLER	<u>1945'</u>	<u>1945'</u>	<u>1945'</u>
DEPTH - LOGGER	<u>1937'</u>	<u>1937'</u>	<u>1937'</u>
BOTTOM LOGGED INTERVAL	<u>1938'</u>	<u>1936'</u>	<u>1937'</u>
TOP LOGGED INTERVAL	<u>0'</u>	<u>1450'</u>	<u>0'</u>
TYPE FLUID IN HOLE	<u>water</u>	<u>water</u>	<u>water</u>
SALINITY PPM CL.	<u>NA</u>	<u>NA</u>	<u>NA</u>
DENSITY LB./GAL.	<u>NA</u>	<u>NA</u>	<u>NA</u>
LEVEL	<u>1838'</u>	<u>1838'</u>	<u>1838'</u>
MAX. REC. TEMP. - DEG. F	<u>-</u>	<u>-</u>	<u>76</u>
OPERATING RIG TIME	<u>4 Hr's total!</u>		
RECORDED BY	<u>Gorman</u>		
WITNESSED BY	<u>Daugherty</u>		
LOCATION	<u>53 Clarksbury, W. Va.</u>		

RUN NO.	BORE HOLE RECORD			CASING RECORD			
	BIT	FROM	TO	SIZE	WGT.	FROM	TO
<u>1</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>5 1/2"</u>	<u>NA</u>	<u>surf.</u>	<u>1740'</u>

THIS HEADING AND LOG CONFORM TO API RP-11

Well No. 7228 Lease No. Name M. V. B. George District Shirley  
 District McAlroy County Tyler 497 State

Location Made 11-30-28 First Work Done  
 Rig Commenced Rig Completed  
 Drilling Commenced 1-15-29 Drilling Completed 2-6-29  
 Rig Contractor { Drilling Contractor } Broadwater & Wilson  
 Drillers E.C. Wilson & Ross Bunner Tool Dressers Waldsee Prunty & H.O. Wise

FORMATION	Open or Close Hard or Soft	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Native Coal		None			40			Hole full 1/2 B. per hour
Pittsburgh Coal		445	447		330			
Little Dunkard		775	840	899		885-889		
Big Dunkard		880	905					
Gas Sand		965	1025					
First Salt		1055	1110					
Second Salt		1280	1335					
Third Salt		1830	1835					
Maxon	Soft	1540	1560					
Red Rock		1585	1630					
Little Lime		1640	1657					
Pencil Cave		1675	1681					
Big Lime		1681	1756					
Keener						1830-1835		Soft
Big Injun		1756	1866 1/2	Still in sand				
Squaw								
Weir								
Berea								
Gantz								
Fifty Foot								
Thirty Foot								
Gordon Stray								
Gordon								
Fourth								
Fifth								
Total Depth				1866 1/2				

drilled on log 1945

SIZE	Charged to Well		Put in Well		Packed Out		Left in Well		Transferred Before Completing		Left at Well Not in Use		Shoe Line Measurement	If more than two strings of casing, give measure for casing also
	Foot	In.	Foot	In.	Foot	In.	Foot	In.	Foot	In.	Foot	In.		
13" Ceg.														
10" "	266	8	221		221						266	8		
8 1/2" "	1015	7	975	SL	975						1015	7		
6 3/4" "	1917	10	1706	SL			1706	SL			191	10		Screwage 10"
5 1/4" "														
Tbg														

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
6-5/8	Casg. Shoe		1706	

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

DATE	Quartz	Top of Shot	Bottom of Shot	Diameter	Sand	TEST BEFORE SHOT			TEST AFTER SHOT			Test Taken After Shot No. Shots	By Whom	
						Reading	Liquid	Spacing	Reading	Liquid	Spacing			
NOT SHOT														

CEMENTING RECORD

Date 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.....  
 Remarks..... Signature of person.....

Permit no. - 095-0497. Approved..... E. J. Drogan