

NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122

Revised 12-1-55

Pool Basin			Formation Dakota			County San Juan		
Initial XX		Annual		Special		Date of Test 1/12/67		
Company XX			Lease			Well No. 9		
Unit Southern Union Production Company			Range Hodges			Purchaser El Paso Natural Gas Company		
Casing	Wt.	I.D.	Set at	Perf.	To			
0	28	26 North	8 West	6708	6925			
Tubing	Wt.	I.D.	Set at	Perf.	To			
4.500	10.50	4.052	6975	6779	6706			
1.900	2.90	1.610	6792					
Gas Pay:	From	To	L	G	GL	Bar. Press.		
	6708	6925	6769	.700	4750	12		
Producing Through:			Casing	Tubing	Type Well - Single - Braden head - G.G. or G.O. Dual			
				XX	Single - Gas			
Date of Completion			Packer		Reservoir Temp.			
12/28/66								

OBSERVED DATA

Tested Through:								Type of Taps		
Prover ☐ Choke ☒ Meter ☐										
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
1.	1"	3/4"				2106	63°	2121		12 days
2.						412		1482		3 hours
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w p_f}$	Pressure psia	Flow Temp. Factor F_t	Gravity Factor F_g	Compress. Factor F_{pv}	Rate of Flow Q-MCF PD @ 15.025 psia
1.	12.3650		424	.9971	.9258	1.052	5.071
2.							
3.							
4.							
5.							

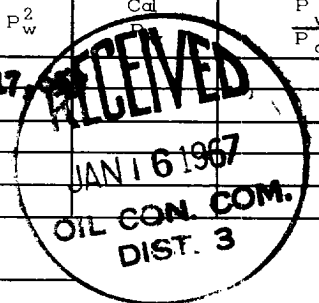
PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl. Specific Gravity Separator Gas _____

Gravity of Liquid Hydrocarbons _____ deg. Specific Gravity Flowing Fluid _____

F_c _____ (1-e^{-S}) _____ P_c **2,133** P_c^2 **4,549,689**

No.	$\frac{P_w}{P_t}$ psia	P_t^2	$F_c Q$	$(F_c Q)^2$	$(F_c Q)^2 (1-e^{-S})$	P_w^2	$P_c^2 - P_w^2$	Cal	$\frac{P_w}{P_c}$
1.	1,494					2,232,036	2,317,452		
2.									
3.									
4.									
5.									



ABSOLUTE POTENTIAL: **8,443** MCFPD; n **.75**

COMPANY **Southern Union Production Company** WITNESSED **Al Lelait**

ADDRESS **P.O. Box 888 - Farmington, N.M.** COMPANY **El Paso Natural Gas Company**

AGENT AND TITLE **Kenneth E. Roddy** Original signed by
Production Technician Kenneth E. Roddy