

**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 X		Annual		Special	
Company PUBCO PETROLEUM CORP.		Lease State Com. AM		Date of Test 10-3-68	
Unit E		Sec. 2		Twp. 30 North	
Range 3 West		Purchaser El Paso Natural Gas Co.			
Casing 5.00		Wt. 15.7/ft.		I.D. 4.408	
Set at 7,840 KB		Perf. 7624		To 7672	
Tubing 2.375		Wt. 4.7/ft.		I.D. 1.995	
Set at 7,774 KB		Perf. 7712		To 7815	
From 7624		To 7815		GL L	
Bar. Press.		Type Well — Single — Braden head — G.G. or G.O. Dual Single			
Producing Through:		Packer		Reservoir Temp.	
Date of Completion 9-11-68					

OBSERVED DATA

Producing Through: Prover ☐ Choke ☒ Meter ☐						Type of Taps				
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	(Prover) (Orifice) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
1.						2,256		2,256		
2.		.750				432	87	1,335		1
3.						340	73	1,133		2
4.						307	76	1,020		3
5.										

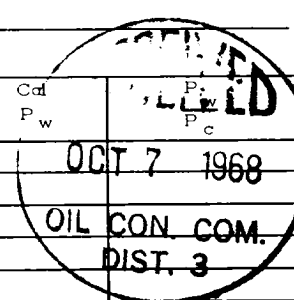
FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{\frac{n}{w} p_f}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCF P.D. @ 15,025 psia
1.	12,365		319	.9350	.9800	1.124	
2.			3910.435	.935.2634	3732.9650	.827.5569	3,823
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 2268 P_c² 5,143.824

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	Cd P _w	$\frac{P_c}{P_c}$
1.						1,065,024	4,078,800		
2.									
3.									
4.									
5.									



ABSOLUTE POTENTIAL: 4,511 MCFPD; n(4,511) 1.1800

COMPANY PUBCO PETROLEUM CORP. WITNESSED Bill Teller

ADDRESS P.O. Box P, Aztec, New Mexico COMPANY Pubco Petroleum Corp.

AGENT AND TITLE Field Foreman