

**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		Date of Test 3-23-67	
Company PUBCO PETROLEUM CORP.		Lease State Com. XX AJ		Well No. 34	
Unit D	Sec. 36	Twp. 32 North	Range 12 West	Purchaser El Paso Natural Gas Company	
Casing 4 1/2"	Wt. 10.5	I.D. 4.052"	Set at 7673 KB	Perf. 7420	To 7658
Tubing 2 3/8"	Wt. 4.7	I.D. 1.995	Set at 7656 KB	Perf.	To
Flowing:	From 7420	To 7658	L 7658	G .650	GL .304
Producing Through:		Casing	Tubing	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 3-4-67		Packer		Reservoir Temp.	

OBSERVED DATA

Flowing Through: Prover ☐ Choke ☒ Meter ☐								Type of Taps Flange		
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.
Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.		
					1985		1960			
	.750	554			554	34°	1455		1 hour	
	.750	488			488	89°	1292		2 hours	
	.750	450			450	91°	1201		3 hours	

FLOW CALCULATIONS

Co-efficient (1/4 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
12.365		462	.9715	.9608	1.039	
		5712.630	5549.820	5332.267	5540.225	5,540

PRESSURE CALCULATIONS

Gr. Liquid Hydrocarbon _____ cf/bbl.
 Gravity of Liquid Hydrocarbon _____ deg.
 Specific Gravity Separator Gas _____
 Specific Gravity Flowing Fluid _____
 P_c **1985 + 12** P_c **3,988,009**

No.	$\frac{P_w}{P_t}$ psia	$(F_c Q)^2$	$(F_c Q)^2 (1-e^{-s})$	P_w^2	$P_c^2 - P_w^2$	Cal P _w	$\frac{P_w}{P_c}$
1.				1,471,369	2,516,640		
2.							
3.							
4.							
5.							

ABSOLUTE POTENTIAL: **7,824** MCFPD: **n 75**

COMPANY **PUBCO PETROLEUM CORP.** WITNESSED **Don C. Walker**

ADDRESS **B.X P, Aztec, New Mexico** COMPANY **Pubco Petroleum Corp.**

AGENT AND TITLE **Glen O. Rhodes, Field Foreman**