

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

Form C-122
Revised 12-1-55

Pool Blanco		Formation Mesaverde		County San Juan	
Initial		Annual		Special XX	
Date of Test 9-27-67		Company PUBCO PETROLEUM CORP.		Lease Suter	
Well No. 3		Unit G		Sec. 14	
Twp. 32 North		Range 11 West		Purchaser El Paso Natural Gas Company	
Casing 4.5	Wt. 10.5	I.D. 4.052	Set at 5,697	Perf. 5,071	To 5,661
Tubing 2.375	Wt. 4.7	I.D. 1.995	Set at 5,595	Perf.	To
Gas Pay:	From 5,071	To 5,661	L	G	GL
Producing Through:		Casing	Tubing XX	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 9-15-67		Packer		Reservoir Temp.	

OBSERVED DATA

Tested Through:								Type of Taps Flange		
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.		.750				778		778		1
2.		.750				322	77	732		2
3.		.750				202	77	725		3
4.		.750				276	77	720		
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.	12.365		288	.9040	.9490	1.028	
2.							
3.							
4.			3561.12	3504.142	3329.234	3421.424	3,421
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 **790** P_c² **624,100**

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 P _w	$\frac{P_w}{P_c}$
1.						555,824	80,276		
2.									
3.									
4.									
5.									

ABOLUTE POTENTIAL: **14,832** MCFPD; n **.75**

IPANY **PUBCO PETROLEUM CORP.** WITNESSED **Bill Toler**

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

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

