

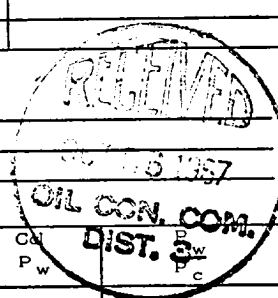
CORRECTED

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 8-21-67				
Company PUBCO PETROLEUM CORP.			Lease Suter			Well No. 2-X				
Unit K	Sec. 12	Twp. 32 North	Range 11 West		Purchaser El Paso Natural Gas Company					
Casing 5.5	Wt. 15.5	I.D. 4.95	Set at 5,732		Perf. 5,070	To 5,550				
Tubing 2.375	Wt. 4.7	I.D. 1.995	Set at 5,566		Perf. ----	To ----				
Gas Pay: From 5,070		To 5,550		L	G	GL	Bar. Press.			
Producing Through:		Casing	Tubing XX		Type Well - Single - Braden head - G.G. or G.O. Dual Single					
Date of Completion 8-11-67		Packer		Reservoir Temp.						
OBSERVED DATA										
Tested Through: Prover ☐ Choke ☒ Meter ☐						Type of Taps Flange				
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.		.75"				579		627		3
2.						222		525		
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.	12,365		234	.9952	1.00	1.013				
2.										
3.			2,893.41	2,879.52	2,879.52	2931	2,931			
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 639 P _c ² 408,321					
No.	P _w P _t psia	P _t ²	F _c Q	(F _c) ²	(F _c Q) ² (1-e ^{-S})	P _w ²	P _c ² - P _w ²	C _g P _w		
1.						291,600	116,721			
2.										
3.										
4.										
5.										



ABSOLUTE POTENTIAL **7,497** MCF/D @ **(3.4982)⁷⁵ 2.5578**
 COMPANY **PUBCO PETROLEUM CORP.** WITNESSED **Bill Toler**
 ADDRESS **P.O. Box P, Aztec, New Mexico** COMPANY **Pubco Petroleum Corp.**
 AGENT AND TITLE **Glen O. Rhodes, Field Foreman**