

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

Form C-122  
Revised 12-1-55

Pool <b>Blanco</b>		Formation <b>Mesaverde</b>			County <b>San Juan</b>	
Initial		Annual		Special <b>XX</b>		Date of Test <b>8-21-67</b>
Company <b>PUBCO PETROLEUM CORP.</b>			Lease <b>Suter</b>			Well No. <b>4</b>
Unit <b>N</b>	Sec. <b>15</b>	Twp. <b>32 North</b>	Range <b>11 West</b>		Purchaser <b>El Paso Natural Gas Company</b>	
Casing <b>5.5</b>	Wt. <b>14.0</b>	I.D. <b>5.012</b>	Set at <b>5,622</b>	Perf. <b>5,008</b>	To <b>5,531</b>	
Tubing <b>2.375</b>	Wt. <b>4.7</b>	I.D. <b>1.995</b>	Set at <b>5,521</b>	Perf. <b>----</b>	To <b>----</b>	
Gas Pay:	From <b>5,008</b>	To <b>5,531</b>	L	G	GL	Bar. Press.
Producing Through:			Casing	Tubing <b>XX</b>	Type Well - Single - Braden head - G.G. or G.O. Dual <b>Single</b>	
Date of Completion <b>8-13-67</b>		Packer		Reservoir Temp.		

OBSERVED DATA

Tested Through:			Prover <input type="checkbox"/>	Choke <input checked="" type="checkbox"/>	Meter <input type="checkbox"/>	Type of Taps <b>Flange</b>				
FLOW DATA					TUBING DATA		CASING DATA		DURATION OF FLOW HR.	
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h <sub>w</sub>	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
1.		<b>.750</b>				<b>655</b>		<b>727</b>		
2.						<b>312</b>	<b>68</b>	<b>654</b>		<b>3</b>
3.										
4.										
5.										

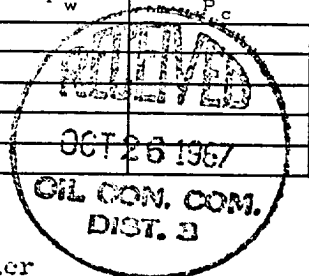
FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w P_t}$	Pressure psia	Flow Temp. Factor F <sub>t</sub>	Gravity Factor F <sub>g</sub>	Compress. Factor F <sub>pv</sub>	Rate of Flow Q-MCF PD @ 15.025 psia
1.	<b>12.365</b>		<b>324</b>	<b>.9924</b>	<b>1.00</b>	<b>1.024</b>	
2.							
3.			<b>4,006.26</b>	<b>3,975.81</b>	<b>3975.81</b>	<b>4.071</b>	<b>4,071</b>
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio \_\_\_\_\_ cf/bbl. Specific Gravity Separator Gas \_\_\_\_\_  
 Gravity of Liquid Hydrocarbons \_\_\_\_\_ deg. Specific Gravity Flowing Fluid \_\_\_\_\_  
 F<sub>c</sub> \_\_\_\_\_ (1-e<sup>-S</sup>) \_\_\_\_\_ P<sub>c</sub> **739** P<sub>c</sub><sup>2</sup> **546,121**

No.	P <sub>w</sub> psia	P <sub>t</sub> <sup>2</sup>	F <sub>c</sub> Q	(F <sub>c</sub> Q) <sup>2</sup>	(F <sub>c</sub> Q) <sup>2</sup> (1-e <sup>-S</sup> )	P <sub>w</sub> <sup>2</sup>	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Cal P <sub>w</sub>	P <sub>w</sub> /P <sub>c</sub>
1.						<b>443,556</b>	<b>102,565</b>		
2.									
3.									
4.									
5.									



ABSOLUTE POTENTIAL: **12,208** MCF/D; n **(11.3016)** <sup>75</sup> **2.9980**  
 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**