

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

Form C-122
Revised 12-1-55

Pool Ute Dome-Paradox			Formation Paradox			County San Juan		
Initial X		Annual		Special		Date of Test 1-10-66		
Company PAN AMERICAN PETROLEUM CORPORATION				Lease Ute Mountain Tribal "H"			Well No. 1	
Unit K	Sec. 1	Twp. 31	Range 14		Purchaser El Paso Natural Gas Company			
Casing 5-1/2"	Wt.	I.D.	Set at		Perf. 7604		To 8111	
Tubing 2-3/8"	Wt. 4.7	I.D.	Set at 8100		Perf. 8063		To 8069	
Gas Pay:		From	To	L 8056	G	GL	Bar. Press. 12	
Producing Through:		Casing	Tubing X			Type Well - Single - Braden head - G.G. or G.O. Dual Single		
Date of Completion		Packer 7550			Reservoir Temp.			

OBSERVED DATA

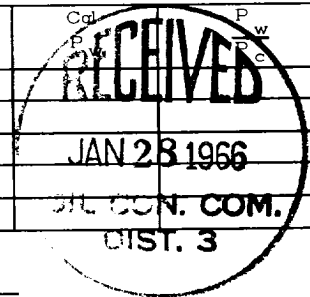
Tested Through:						Type of Taps Flange				
Prover ☐ Choke ☐ Meter ☒										
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
1.	2"	3/4"	550		Est. 60	2702 350	Est. 60	2639 750		SI 28 days 3 Hr.
2.										
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 P D @ 15,025 psia
1.			562	1.000			
2.							
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 **2714** P_c² **7,365,796**

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 P _c	P _w P _c
1.						580,644	6,785,152		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **7382** MCFPD; n **1.0**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

ADDRESS **Box 480, Farmington, New Mexico** COMPANY _____

AGENT AND TITLE **G. W. Eaton, Jr., Area Engineer** **G. W. Eaton, Jr.**