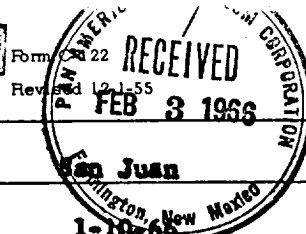


NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

UREN



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. 14.5, 7 & 17	I.D. 4.892-5.012	Set at 8389		Perf. 7604		To 8111	
Tubing 2-3/8"	Wt. 4.7	I.D. 1.995	Set at 8100		Perf. 8063		To 8069	
Gas Pay: From 7604		To 8111		L 8056		G Est. 780		GL 6284
						Bar. Press. 12		
Producing Through:		Casing		Tubing X		Type Well - Single - Braden head - G.G. or G.O. Dual Single		
Date of Completion 1-10-66		Packer 7350		Reservoir Temp. 172°F				

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.	2"	3/4"	550		Est. 60	2702	550	Est. 60	2639	750
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 PD @ 15.025 psia
1.			562	1.000			1.200
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_c^2 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. $\frac{P_w}{P_c}$
1.						580,644	6,785,152	
2.								
3.								
4.								
5.								

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

COMPANY **PAN AMERICAN PETROLEUM CORPORATION**

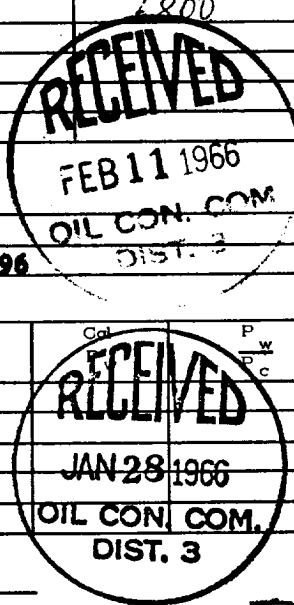
ADDRESS **Box 480, Farmington, New Mexico**

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

WITNESSED _____

COMPANY _____

ORIGINAL SIGNED BY **G. W. Eaton, Jr.**



Corrected Copy