

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

Form C-122
Revised 12-1-55

Pool		Formation		County	
Initial Basin		Annual		Special Dakota	
Company X		Lease		Date of Test 5-26-65	
U PAN AMERICAN PETROLEUM CORP.		Range E. E. Elliott "B"		Well No. 8	
Casing K	Wt. 27	I.D. 30 1/2	Set at 94	Perf. 6846-70	To 6936-70
Tubing 4-1/2	Wt. 10.5	I.D. 4.052	Set at 7100	Perf. 6820	To 6926
2-3/8 From	4.7	To 1.993	L 6838	G 6820	Bar. Press. 12
Gas Pay:	6846	6970	6908	.700	4836
Producing Through:			Type Well - Single - Braden head - G.G. or G.O. Dual		
Date of Completion 5-18-65			Reservoir Temp.		

OBSERVED DATA

Tested Through:					Type of Taps				
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.	
1.	8 Days					1930		1920	
2.	2 inch	.730	177			177	60° est.	100	60° est.
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.							
2.	12.9630		189	1.0000	.9238	1.022	2212
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 **1942** P_c^2 **3,771,264**

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.						262,144	3,309,220		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **2335** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

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

AGENT AND TITLE **F. L. Mahors, District Engineer** By _____



ORIGINAL SIGNED BY
F. W. Foell