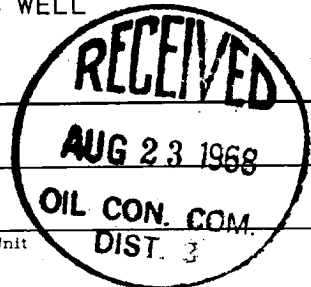NEW MEXICO OIL CONSERVATION COMMSSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test			Test Date
[X] Initial	[ ] Annual	[ ] Special	**8-8-68**

Company	Connection	
PAN AMERICAN PETROLEUM CORP.	**None**	

Pool	Formation	Unit
Blanco	**Pictured Cliffs**	

Completion Date	Total Depth	Plug Back TD	Elevation /KB	Farm or Lease Name
8-1-68	**2516**	**2452**	**GL 5706/5717**	**Lobato Gas Com "F"**

Csg. Size	Wt.	d	Set At	Perforations:			Well No.
4.5	**9.5**	**4.090**	**2516**	From **2403**	To **2418**		**1**

Thg. Size	Wt.	d	Set At	Perforations:			Unit	Sec.	Twp.	Rge.
1.5	**2.9**	**1.610**	**2392**	From **2392**	To **Open Ended**		**B**	**35**	**30**	**9**

Type Well — Single — Bradenhead — G.G. or G.O. Multiple	Packer Set At	County
Single	**None**	**San Juan**

Producing Thru	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. — P_a	State
Casing	**90° @ TD**	**Est. 60°**	**12 PSIA Est.**	**New Mexico**

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
2410	**2410**	**.650 est.**						

FLOW DATA / TUBING DATA / CASING DATA

NO.	Line Size X Choke	Press. p.s.i.g.	Diff. h_w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI	7 Days				576		577		
1.	2 Inch .750	181			201	60° est.	181	60° est.	3 Hrs.
2.									
3.									
4.									
5.									

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor F_t	Gravity Factor F_g	Super Compress. Factor, F_{pv}	Rate of Flow Q, Mcfd
1	12.3650		193	1.0000	0.9608	1.019	2336
2							
3							
4							
5							

NO.	P_r	Temp. °R	T_r	z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ X X X X X X X X X
Specific Gravity Flowing Fluid _____ X X X X X
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c **589** P_c^2 **346,921**

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		213	45,369	301,552
2				
3				
4				
5				

$$(1)\ \frac{P_c^2}{P_c^2 - P_w^2} = \frac{346,921}{301,552}$$

$$(2)\ \left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.1265$$

$$AOF = Q\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2632$$

Absolute Open Flow ___ **2631** ___ Mcfd @ 15.025   Angle of Slope Θ _____   Slope, n **.85**

Remarks: _____

Orginal Signed By
G. W. TATUI, JR

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	B. D. Dukes		