

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

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 6-12-69	
Company PAN AMERICAN PETROLEUM CORP.				Connection None		
Pool Ballard				Formation Pictured Cliffs		Unit
Completion Date 6-5-69		Total Depth 2850		Plug Back TD 2816		Elevation 7227
Farm or Lease Name Jicarilla Tribal 360						Well No. 1
Csg. Size 4-1/2"	Wt. 10.5	d 4.052	Set At 2835	Perforations: From 2695 To 2717		
Tbg. Size 1-1/2	Wt. 2.75	d 1.610	Set At 2689	Perforations: From 2689 To		Unit Sec. Twp. Rge. B 1 22 3
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County Sandoval
Producing Thru Tubing		Reservoir Temp. °F 90° @ TD		Mean Annual Temp. °F 60° est.		Baro. Press. - P _a 12 PSI est.
State New Mexico						
L	H	Gg .650 est.	% CO ₂	% N ₂	% H ₂ S	Prover
						Meter Run
						Taps

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow
NO.	Line Size 7 Days 2 Inch	X Choke 7 Days .750	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI	7 Days					625		625	
1.	2 Inch	.750	222			222	60° est.	591	
2.									
3.									
4.									
5.									

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor Fpv	Rate of Flow Q, Mcfd
1	12.3650		234	1.000	.9608	1.023	2844
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio	Mcfd/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	Deq.
2.					Specific Gravity Separator Gas	XXXXXX
3.					Specific Gravity Flowing Fluid	XXXXX OIL CON. COM.
4.					Critical Pressure	P.S. DIST. 3 P.S.I.A.
5.					Critical Temperature	R R

P _c 637	P _c ² 405,769	
NO.	P _t ²	P _w
1	603	863,609
2		
3		
4		
5		

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 9.6245$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 6.8526$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 19489$$

Absolute Open Flow 19,489	Mcfd @ 15.025	Angle of Slope ϕ	Slope, n .85
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Remarks:			
Original Signed By:			
IR.			
Approved By Commission:	Conducted By: B. D. Dukes	Calculated By:	Checked By: E. R. Hirst