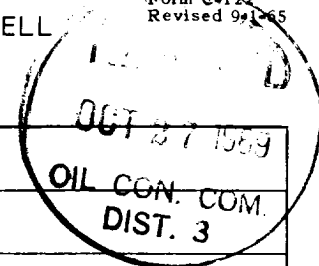


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 10-9-69	
Company PAN AMERICAN PETROLEUM CORP.				Connection None	
Pool Basin				Formation Dakota	
Completion Date 10-1-69		Total Depth 7219		Plug Back TD 7184	
				Elevation / RDB GL 6671/6606	
Farm or Lease Name Jicarilla Gas Com 35-C					
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 7219	Perforations: From 6986 To 7125	
Well No. 1					
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 7022	Perforations: From Open End To	
Unit M Sec. 2 Twp. 24 Rge. 5					
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	
County Rio Arriba					
Producing Thru Tubing		Reservoir Temp. °F 90° @ TD		Mean Annual Temp. °F Est. 60°	
				Baro. Press. - P _g 12 PSIA Est.	
State New Mexico					
L 7056	H 7056	Gg .700	% CO ₂	% N ₂	% H ₂ S
				Prover	
				Meter Run	
				Taps	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Line Size	X	Size Choke	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI	2-Inch						2117		2113	
1.	7 Days		.750	190			190	60° est.	667	
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		202	1.000	.9258	1.023	2366
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 2129	P _c ² 4,532,641	
NO.	P _t ²	P _w ²
1	679	461,041
2		
3		
4		
5		

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.1132$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0837$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2564$$

$$2564$$

Absolute Open Flow 2564 Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .75
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Remarks: _____

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