

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

Form C-122
Revised 9-1-65

RECEIVED
APR 21 1970
OIL CON. COM.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 4-14-70			
Company PAN AMERICAN PETROLEUM CORP.				Connection None					
Pool B.S. Mesa				Formation Gallup				Unit	
Completion Date 4-7-70		Total Depth 8192		Plug Back TD 8150		Elevation /RDB GL 6999/7010		Farm or Lease Name Jicarilla Apache 102	
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 8192	Perforations: From 7486 To 7492		Well No. 7			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 7877	Perforations: From To		Unit Sec. Twp. Rge. G 3 26 4			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G.						Packer Set At 7877		County Rio Arriba	
Producing Thru Casing		Reservoir Temp. °F 90° @ TD		Mean Annual Temp. °F Est. 60°		Baro. Press. - P _a 12 PSIA		State New Mexico	
L 7489	H 7489	Gg Est. .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 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
SI	7 Days							1356		
1.	2 Inch	.750	4					4	60° Est.	3 Hr.
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		16	1.000	.9258	1.000	183
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	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 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 1368	P _c ² 1,871,424	
NO.	P _t ²	P _w
1	256	17
2		
3		
4		
5		

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.0001}$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{183}$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.0001}$

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

Original signed By **G. W. EATON, JR.**

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