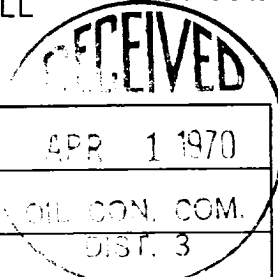


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 3-25-70		APR 1 1970	
Company PAN AMERICAN PETROLEUM CORP.				Connection None				OIL CON. COM.
Pool B. S. Mesa				Formation Gallup				Unit DIST. 3
Completion Date 3-18-70		Total Depth 8037		Plug Back TD 7860		Elevation / RDB GL 6874/6884		Farm or Lease Name Jicarilla Apache 102
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 8037	Perforations: From 7291 To 7301		Well No. 11		
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 7759	Perforations: From 7291 To 7301		Unit C	Sec. 10	Twp. 26
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G. G.				Packer Set At 7759		County Rio Arriba		
Producing Thru Casing		Reservoir Temp. °F 90 @ T.D.		Mean Annual Temp. °F 60° Est.		Baro. Press. - P _a 12 PSIA Est.		State New Mexico
L 7296	H 7296	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	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							1230		
1.	2 Inch	.750	40					40		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		52	1.000	.9258	1.000	595
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
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

F _c 1242 P _c ² 1,542,564				
NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²
1		114	12,996	1,529,568
2.				
3.				
4.				
5.				

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.0085$$

$$ACF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 599$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0063$$

Absolute Open Flow 599 Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .75
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Remarks: **Packer in hole, Pw calculated similar to Form C-122-A.**

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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