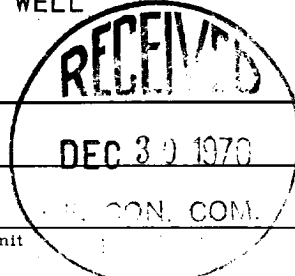


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 12-21-70		RECEIVED DEC 30 1970 OIL CON. COM.	
Company PAN AMERICAN PETROLEUM CORP.				Connection None				
Pool Blanco				Formation Pictured Cliffs			Unit	
Completion Date 12-14-70		Total Depth 2950		Plug Back TD 2916		Elevation / RDB SL 6036/6048		Farm or Lease Name Shaw Gas Com "B"
Csg. Size 2.875	Wt. 6.4	d 2.441	Set At 2949	Perforations: From 2832 To 2857		Well No. 1		
Tbg. Size	Wt.	d	Set At	Perforations: From To		Unit Sec. Twp. Rge. D 14 30 9		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None		County San Juan	
Producing Thru Csg.		Reservoir Temp. °F 90° @ TD		Mean Annual Temp. °F 60° Est.		Baro. Press. - P _a 12 PSIA		State New Mexico
L 2845	H 2845	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 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						740		
1.	2 Inch .750	74					74	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 Ft	Gravity Factor Fg	Super Compress. Factor Fpv	Rate of Flow Q, Mcfd
1	12.3650		86	1.000	.9608	1.000	1021
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 **752** P_c² **565,504**

NO.	P _t ²	P _w	P _w ² *	P _c ² - P _w ²
1		105*	11,072	554,432
2				
3	*Calculated per G-122A			
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1.0200}{1.0169}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.0169}{1.0169}$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1038}{1.0169}$

Absolute Open Flow 1038 Mcfd @ 15.025	Angle of Slope ϕ _____	Slope, n .85
Remarks: _____		

Approved By _____ DEC 30 1970	Conducted By: B. D. Dukes	Calculated By: E. R. Hirst	Checked By: D. A. Wayhan
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