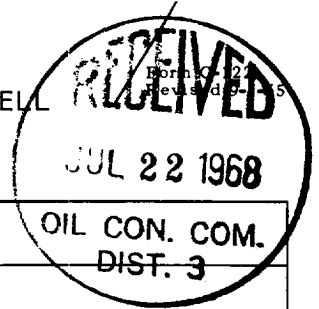


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 7-9-68	
Company PAN AMERICAN PETROLEUM CORP.				Connection None		
Pool Basin				Formation Dakota		Unit
Completion Date 7-2-68		Total Depth 5916		Plug Back TD 5880	Elevation RDB GL 5290/ 5304	Farm or Lease Name Gallegos Canyon Unit
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 5914	Perforations: From 5696 To 5810		Well No. 262
Tbg. Size 2-3/8	Wt. 4.7	d 1.995	Set At 5772	Perforations: From 5735 To 5741		Unit Sec. Twp. Rge. N 24 29 13
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County San Juan
Producing Thru Tubing		Reservoir Temp. °F 90° est. TD		Mean Annual Temp. °F Est. 60°		State New Mexico
L 5738	H 5738	Gg .700 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	Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	7 Days						1935		1930		
1.	2 Inch		.750	321			321	60° est.	728	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		333	1.000	.9258	1.040	3964
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	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 1935	P _c ² 3,744,225	
NO.	P _t ²	P _w ²
1	740	547,600
2		
3		
4		
5		

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \frac{3,744,225}{3,196,625}$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1258$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4463$$

Absolute Open Flow 4463 _____ Mcfd @ 15.025	Angle of Slope ϕ _____	Slope, n .75
Remarks: _____		
Approved By Commission:	Conducted By: B. D. Dukas	Checked By: R. S. Loden