

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 5-18-1978	
Company Palmer Oil & Gas Company				Connection El Paso		
Pool Blanco				Formation Mesaverde		
Completion Date 5-10-1978		Total Depth 4758-K.B.		Elevation 5759 G.L.		
Flow. Size 2.375		Set At 4510		Perforations: From 4422 To 4681		
Well No. 1-A		Unit K		Sec. Twp. Rge. 1 31N 13W		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		
Producing Thru Tubing		Reservoir Temp. °F @		Baro. Press. - P _a 12 psia (est.)		
L		H		Prover		
Gg		% CO ₂		% H ₂ S		
.650(est.)						

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. in	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI	8 days						1039		1039	
1.	2 inch	.750	351				351	60°	300	60°
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, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		363	1.000	.9608	1.037	4472
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

NO.	P _r	P _w	P _w ²	P _r ² - P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2} =$	(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$
1	1051	812	659,344	445,257	2.4308	1.9767
2.						
3.						
4.						
5.						

Absolute Open Flow <u>8840</u>		Mcf @ 15,025		Angle of Slope θ _____		Slope, n <u>.75</u>	
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Remarks: Liner set from 3751 to 4758'

Dry gas throughout test-show of oil

Approved By Commission:	Conducted By: Joe F. Blledge	Calculated By: Joe F. Blledge	Checked By: Don Roberts
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