

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 7-19-79	
Company Occidental Petroleum				Connection		
Pool Blanco				Formation Mesa Verde		Unit
Completion Date 6-5-79		Total Depth 5945		Plug Back TD 5909		Elevation 6948 G.L.
Csg. Size 4 1/2		Wt. 10.5		Set At 5940		Perforations: From 5220 To 5865
Tbg. Size 2.375		Wt. 4.7		Set At 5563		Perforations: From None To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At N/A	
Producing Thru Tubing		Reservoir Temp. °F 6		Mean Annual Temp. °F		Baro. Press. - P _a 12.2
L		H		Gg		% CO ₂
						% N ₂
						% H ₂ S
						Prover
						Meter Run
						Taps
						County Rio Arriba
						State New Mexico

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
1.	2	X	6	X.75			104	65	389		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 F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.	11		116	.9952	1.240	1.012	1594
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.	.173	525	1.4	.976	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 _c	P _c ²	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1.	892	796	401	635	1.254	1.185
2.						
3.						
4.						
5.						

Absolute Open Flow _____ 1888 _____ Mcfd @ 15.025		Angle of Slope _____	
Remarks: _____			

Approved By Commission:	Conducted By: Alexander	Calculated By: Alexander	Checked By:
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