

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 1-13-79	
Company D. J. Simmons				Connection	
Pool Blanco Mesaverde				Formation Mesaverde	
Completion Date 12-31-78		Total Depth 5086		Plug Back TD 5029	
Csg. Size 7" Wt. 20#		Set At 2829'		Elevation 5999 KB	
4 1/2" liner		Set At 5080'		Perforations: From To	
Tbg. Size 2 3/8"		Set At 4977'		Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At	
Producing Thru Tubing				Baro. Press. - P _a	
Reservoir Temp. °F @		Mean Annual Temp. °F		State New Mexico	
L	H	G _g 0.650	% CO ₂	% N ₂	% H ₂ S
			Prover X	Meter Run	Taps

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.	
SI	7 days						560		713	
1.	2" x 3/4"						220	60	562	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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	9.453		232	1.000	1.240	1.023	2.782
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 725	P _c ² 525625	(1) $\frac{P_c^2}{P_c^2 - R_w^2} = \underline{2,680}$	(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = \underline{2.0946}$
NO.	P _t ²	P _w	R _w ²
1		574	329476
2			
3			
4			
5			

Absolute Open Flow 5,827 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
Remarks: _____			
Approved By Commission:	Conducted By: Odeco, Inc.	Calculated By:	Checked By: <i>A.B. Geren, Jr.</i> A.B. Geren, Jr.