

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 4- 3-31	
Company MPC			Connection EPNG		
Pool BLANCO-MV			Formation MESAVERDE		Unit I
Completion Date 3-16-81		Total Depth 3644.	Plug Back TD 6607.	Elevation 5750.	Farm or Lease Name STATE CO4 AF
Csq. Size 5.500	Wt. 15.5	d 4.950	Set At 6644.	Perforations: From 4100. To 4115.	
Thq. Size 1.000	Wt. 2.8	d 1.610	Set At 3215.	Perforations: From 4226. To 4230.	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple FLOWING				Packer Set At 6171.	County SAN JUAN
Producing Thru TUBING		Reservoir Temp. °F 127.0 4163.	Mean Annual Temp. °F 60.0	Baro. Press. - P _a 12.2	State NM
L 4163.	H 4163.	Gg 0.673	% CO ₂ 0.	% N ₂ 0.	% H ₂ S 0.
Prover 0.		Meter Run 0.	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.	Temp. °F	
SI							1130.	66.			163.0
1.	1.61 X 0.750			196.	0.	55.	196.	55.	0.	0.	3.0
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	Rate of Flow Q, Mcfd
1	11.22	0.	208.2	1.0043	1.2190	1.233
2.						
3.						
4.						
5.						

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1	0.31	515.	1.35	0.924	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____
3.					Specific Gravity Flowing Fluid _____
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ °R

P _c 1141.2	P _c ² 1302.	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.4210$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3126$
NO.	P _i ²	P _w	P _w ²
1	43.	623.	383.
2			
3			
4			
5			

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope _____	Slope, n _____
Remarks: _____			
Approved By Commission:	Conducted By: J. Archer	Calculated By: Garrett AOF Program	Checked By: