

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 10-1-79	
Company Caulkin Oil Company				Connection	
Pool Blanco--Mesa Verde				Formation Mesa Verde	
Completion Date 8-1-79		Total Depth 7500		Flow Back TD 7500	
Elevation 6663 Gr.		Farm or Lease Name Brecci			
Perf. Size 7"	Wt. 25# & 26#	d 6.366	Set At 7500	Perforations: From 5212 To 5364	
Perf. Size 1 1/4"	Wt. 2.4#	d 1.380	Set At 5301	Perforations: From 5301 To _____	
Type Well - Single - Brokenhead - G.G. or G.O. Multiple Gas - Commingle and Dakota				Facker Set At 5416	
Producing Thru 10-1-79		Reservoir Temp. °F 6		Mean Annual Temp. °F _____	
Baro. Press. - P _a _____		State New Mexico			
L	H	G _g	% CO ₂	% N ₂	% H ₂ S
Prover		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.		Temp. °F
1			3/4				1000		975		7 Days
2							104		655		3 hrs.
3											
4											
5											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _L	Gravity Factor F _g	Super Compress. Factor F _{pv}	Rate of Flow Q, Mcfd
1	11.1606		116	1.000	1.000	1.000	1642
2							
3							
4							
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/cbl.
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 ²	P _w ²	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		667	444,889	579,255	1.77	1.55
2						
3						
4						
5						

Absolute Open Flow **1208** Mcfd @ 15.025 Angle of Slope θ _____

Remarks: **As determined by individual tests 52% Chacra and 48 % Mesa Verde.**

Approved By Commission: _____ Conducted By: _____ Calculated By: _____ Checked By: _____

