

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 11-14-85	
Company Meridian Oil Prd. Inc.		Connection	
Pool Blanco		Formation Mesa Verde	
Completion Date 11-14-85		Total Depth 6023	Plug Back TD 6011
Casing Size 4.500		wt. 10.5	Set At 4.052
Perforations: From 5398 To 5996		Well No. #1A	
Perforations: From To		Unit G	Sec. 21
Twp. 32		Rge. 06	
Type Well - Single - Broadhead - G.C. or G.O. Multiple Single		Packer Set At None	
Producing Thru Tbg.		County San Juan	
Reservoir Temp. °F a		State New Mexico	
Mean Annual Temp. °F		Baro. Press. - P _a 12	
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
SI							1101		1133		7 Days
1.											
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							
2							
3							
4							
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcft/bbl.
1						
2						
3						
4						
5						

NO.	P _r	P _w	P _w *	P _c - P _w *	(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						
2						
3						
4						
5						

NO.	P _r	P _w	P _w *	P _c - P _w *	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n$
1					
2					
3					
4					
5					

Absolute Open Flow	Mcfd @ 15.025	Angle of Slope →	Slope, n
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Remarks:			
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Approved by Commission:	Conducted By: Ralph Galloway	Calculated By: Ed Mabe	Checked By: kld
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