

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 3-11-67	
Company Marathon Oil Company				Connection	
Pool Basin Dakota				Formation Dakota	
Completion Date		Total Depth 7355		Plug Back TD 7338	
		Elevation 6554 KB		Form or Lease Name Jicarilla Apache	
Csq. Size 1.5	Wt. 11.60	d 	Set At 7353	Perforations: From 7077 To 7303	
Tbg. Size 2.375	Wt. 4.70	d 	Set At 7057	Perforations: From 7051 To 7057	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At NONE	
Producing Thru Thg		Reservoir Temp. °F 178 @ 7000'		Baro. Press. - P _a 12.0	
H 		G _g .650		Prover 	
L 		% CO ₂		% H ₂ S	
County Rio Arriba		State New Mexico		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.	2 x 3/4						2491		2475		3 hrs
2.							330	60	736		
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.	12.3650		342	1.000	.9608	1.035	4204
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Hydrocarbon Ratio	Mcf/bbl.
1.				A.P.I. Gravity of Liquid Hydrocarbons	Deg.
2.				Specific Gravity Separator Gas	XXXXXXX
3.				Specific Gravity Flowing Fluid	XXXXX
4.				Critical Pressure	P.S.I.A.
5.				Critical Temperature	R

NO.	P _c	P _c ²	P _w	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.	21.87	478.45	7.48	55.95	422.50	1.0995	1.0736
2.							
3.							
4.							
5.							

Absolute Open Flow 4513 Mcfd @ 15.025 Angle of Slope 75 Slope, n 75

Remarks: WELL WAS SHUT IN AFTER THIS TEST WAS COMPLETED & WILL REMAIN SHUT IN UNTIL P.P.E. LINE CONNECTION IS MADE.

Approved By Commission:	Conducted By: TEFTELLER, INC.	Calculated By: Noel Tefteller	Checked By: P. J. Patterson
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