

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 8-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 2-19-67	
Company Marathon Oil Co.				Connection			
Pool Basin Dakota				Formation Dakota		Unit	
Completion Date 2/19/67		Total Depth 7270 KB		Plug Back TD 7249 KB		Elevation 6485 GR 6478 KB	
Farm or Lease Name Jicarilla Apache				Well No. 11			
Csq. Size 4.5	Wt. Liner	Perforations: From 6998 To 7226	Unit Sec. Twp. Rge. M 28 26 5				
Tbg. Size 2.375	Wt. 6970	County Rio Arriba					
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual Gas						State New Mexico	
Producing Thru Tbg		Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. - P _a 12.0		Meter Run Taps	
L	H	G _g	% CO ₂	% N ₂	% H ₂ S	Prover	

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							2462		Pkr.		
1.	2 x 3/4						177	60	Pkr.		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	12.3650		189	1.0000	.9608	1.019	2288
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °F	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

NO.	P _r	P _w	P _r 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		407	165649	5955027	165649	1.0278	1.0208
2							
3							
4							
5							

Absolute Open Flow 2336 Mcfd @ 15.025		Angle of Slope θ _____		Slope, n .75	
Remarks: _____					
Approved By Commission:		Conducted By:		Calculated By: Neil Tefteller	
				Checked By: B.E. YESTER	