

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 4-5-67	
Company Marathon Oil Co.				Connection		
Pool South Blanco Pictured Cliffs				Formation Pictured Cliffs		Unit
Completion Date 3/21/67		Total Depth 7395		Plug Back TD 7348		Elevation 6611 KB
Farm or Lease Name Jicarilla Apache						Well No.
Csg. Size 5.5	Wt. 15.5	d	Set At 7384	Perforations: From 2907 To 2954		Unit Sec. Twp. Rge. 13
Tbg. Size 1.660" OD	Wt. 2.40	d	Set At 2848	Perforations: From 2843 To 2848		M 33 26 5
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual Gas				Packer Set At 7050		County Rio Arriba
Producing Thru Tbg		Reservoir Temp. °F @		Baro. Press. - P _g 12.0		State New Mexico
L	H	Gg	% 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							619		619		
1.	2X3/4						152	60	551		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 Fg	Super Compress. Factor Fpv	Rate of Flow Q, Mcfd
1	12.3630		164	1.000	.9608	1.015	1978
2.							
3.							
4.							
5.							

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

P _c 031	P _c ² 298161	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{\underline{4.9039}}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{\underline{3.8632}}$
NO.	P _t ²	P _w	P _w ²
1		563	316969
2			
3			
4			
5			

Absolute Open Flow 7641 Mcfd @ 15.025		Angle of Slope θ	Slope, n .85
Remarks:			
Approved By Commission:	Conducted By:	Calculated By: Neil Tefteller	Checked By: P. J. Patterson

MARATHON OIL CO.