

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 9-29-74			
Company Marathon Oil Company				Connection					
Pool				Formation Pictured Cliffs				Unit	
Completion Date		Total Depth		Plug Back TD		Elevation 5718 KB		Farm or Lease Name Ohio "B" Aztec	
Csg. Size 4 3/4	Wt. 16.0	d	Set At 1802	Perforations: From 1696 To 1726		Well No. 1			
Thg. Size 2 3/4	Wt. 4.7	d	Set At 1662	Perforations: From To		Unit 23		Sec. 28N	Twp. 11W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual gas						Packer Set At 1662		County San Juan	
Producing Thru Tubing		Reservoir Temp. *F @		Mean Annual Temp. *F		Baro. Press. - P _a 12.0		State New Mexico	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover X	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				235		Pkr		3 hrs.
2.							82	60	Pkr		
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.	12.365		94	1.000	.9608		1116
2.							
3.							
4.							
5.							

NO.	P _r	Temp. *R	T _r	Z	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

P _c 247	P _c ² 61009	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1736$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1457$
NO.	P _t ²	P _w	P _w ²
1.		95	9025
2.			
3.			
4.			
5.			

Absolute Open Flow 1279 Mcfd @ 15.025		Angle of Slope @ _____	Slope, n 85
Remarks: _____			

Approved By Commission:	Conducted By: Tefteller, Inc.	Calculated By: N. Tefteller	Checked By: P. J. Patterson MARATHON OIL Co.
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