

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 10-6-74	
Company Marathon Oil Company				Connection			
Pool				Formation Fruitland		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 1399 To 1496		Well No. 1	
Tbg. Size 2 3/8	Wt. 4.7	d	Set At 1662	Perforations: From To		Unit Sec. Twp. Rge. 23 28N. 11W.	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual gas				Packer Set At 1662		County San Juan	
Producing Thru casing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12	
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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI							Pkr		350	
1.	2	X	3/4				Pkr		240	60
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		252	1.000	.9608	1.026	3071
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 362	P _c ² 131044	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.9402$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.6439$
NO	P _t ²	P _w	P _w ²
1		252	63504
2			
3			
4			
5			

Absolute Open Flow 5048 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.
-------------------------	----------------------------------	--------------------------------	--