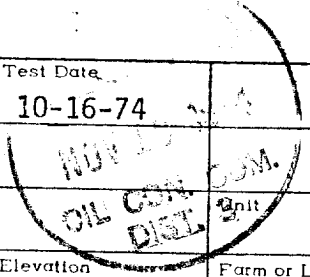


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special		Test Date 10-16-74	
Company Marathon Oil Company		Connection	
Pool		Formation Pictured Cliffs	
Completion Date		Total Depth	Plug Back TD 3118
Csg. Size 4 3/4		Wt. 16.0	Set At 3172
Thg. Size 2 3/8		Wt.	Set At 2980
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single gas		Packer Set At 2980	Farm or Lease Name Jicarilla
Producing Thru Tubing		Reservoir Temp. °F @	Mean Annual Temp. °F
Baro. Press. - P _a 12.0		County Rio Arriba	
State New Mexico		Unit Soc. Twp. Rge. H 34 26N 5W	
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.	
1.	Shut in						981		Pkr	
2.	2	X	3/4"				75	60	"	
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		87	1.000	.9608		1039
2.							
3.							
4.							
5.							

NO.	P _t	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 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 993	P _c ² 986049
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NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0090$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0076$
1.		94	8836	977213		
2.						
3.						
4.						
5.						

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1047$

Absolute Open Flow	1047	Mcf/d @ 15.025	Angle of Slope	Slope, n .85
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Remarks:

Approved By Commission:	Conducted By: Teffeller, Inc.	Calculated By: N. Teffeller	Checked By: P. J. Patterson
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