

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 10-23-74			
Company Marathon Oil Company				Connection					
Pool				Formation Pictured Cliffs				Unit	
Completion Date		Total Depth		Plug Back TD 1754		Elevation		Farm or Lease Name Ohio "B" McCord	
Csg. Size 4 3/4	Wt. 16.0	d	Set At 1798	Perforations: From 1672 To 1689		Well No. 1			
Tbg. Size 2 3/8	Wt.	d	Set At 1630	Perforations: From To		Unit 0 23 28 N 11 W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual gas						Packer Set At 1630		County San Juan	
Producing Thru Tubing		Reservoir Temp. *F @		Mean Annual Temp. *F		Baro. Press. - P _a 12.0		State New Mexico	
L	H	G _g	% 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	Shut in						268		Pkr		
2	2 x 3/4						80	60	Pkr		3 hrs.
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		92	1.0000	.9608		1088
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

NO.	P _c	P _c ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1	280	78400	92	8464	69936	1.1210	1206
2							
3							
4							
5							

Absolute Open Flow _____ 1206 _____ Mcfd @ 15.025		Angle of Slope θ _____ Slope, n = .85	
Remarks: _____			

Approved By Commission:	Conducted By: Tefteller, Inc.	Calculated By: N. Tefteller	Checked By: P. J. Patterson 11/25/74 MARATHON OIL CO.
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