

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 12-15-76	
Company Marathon Oil Company		Connection	
Pool Fulcher Kutz		Location Pictured Cliffs	
Completion Date		Total Depth	Elevation 5615 KB
Casing Size 4.5		Set At 1700	Perforations: From 1548 To 64
Tubing Size 2.375		Set At 1530	Perforations: From To
Type Well - Single - Bradenhead - C.C. or G.O. Multiple		Packer Set At 1530	County San Juan
Producing Thru Tubing		Reservoir Temp. °F ρ	Mean Annual Temp. °F 12.0
L		H	Gg .650
		% CO ₂	% N ₂
		% H ₂ S	Prover 6" Nipple
		Meter Run	Taps
State New Mexico			
Well No. 4- 26			
Unit Soc. Twp. Rge. J 26 28 11			
Flow Data			
TUBING DATA			
CASING DATA			
NO.	Prover Line Size	X	Orifice Size
SI	7 days		
1.	2x 3/4		
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1	11.00		148
2.			
3			
4.			
5			
NO.	P _f	Temp. °R	T _f
1			
2.			
3.			
4.			
5.			
Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.			
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.			
Specific Gravity Separator Gas _____ X X X X X X X X			
Specific Gravity Flowing Fluid _____ X X X X X			
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.			
Critical Temperature _____ R _____ R			
P _c 340 P _c ² 115600			
NO.	P _f ²	P _w	P _w ²
1	21904	219	47805
2			
3			
4			
5			
(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.7051$			
(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.5735$			
AOF = $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3219$			
Absolute Open Flow 3219 Mcf @ 15.025 Angle of Slope θ 85			
Remarks:			
Approved By Commission:			
Conducted By: Tefteller, Inc.			
Calculated By: Neil Tefteller			
Checked By: C. C. Keith			

Marathon Oil Company



Company MARATHON OIL COMPANY Lease OHIO "C" GOVERNMENT Well No. 4-8
Field FULCHER KUTZ County SAN JUAN State N. MEX.
Formation PICTURED CLIFFS Test Date DECEMBER 15, 1976

PRESSURE POUNDS PER SQUARE INCH GAUGE

