

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 3-26-79		NM-020498	
Company MARMON OIL CO.				Connection			
Pool KUTZ CANYON				Formation FICTURED CHIFFES		Unit P	
Completion Date		Total Depth 1700		Plug Back TD 1659		Elevation 5529 KB	
Cug. Size 4.5		Wt. 10.5		Set At 1700		Perforations: From 1522'-1533, 1542'-1548'	
Tub. Size 2.375		Wt. 4.7		Set At 1456		Well No. 3	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE OIL				Packer Set At		Form or Lease Name OHIO SOOT	
Producing Thru TRI		Reservoir Temp. °F 8		Mean Annual Temp. °F		Baro. Press. - P _a 12.0	
L1		H		Gg		Prover	
				% CO ₂		% N ₂	
				% H ₂ S		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	Duration of Flow
1.	7 DAYS						186		186		3 HRS.
2.	22 R 3/4						57	60	160		
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.	9.453		1.9	1.000	1.200		809
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	XXXXXXX
3.					Specific Gravity Flowing Fluid	
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

NO.	P _r ²	P _w	P _w ²	P _r ² - P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2} =$	(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$
1.	172	2951	9675		4.074	3.3022
2.						
3.						
4.						
5.						

Absolute Oper. Flow <u>2.672</u> Mcfd @ 15.025 Angle of Slope θ <u>85</u> Slope, n <u>85</u>			
Remarks:			
Approved By Commission: _____ Conducted By: <u>ALBERT J. JONES</u> Calculated By: <u>ALBERT J. JONES</u> Checked By: <u>G.E. K. ALBERT</u>			