

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

Form O-112
Revised 10-1-65

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 7-6-81	
Company Getty Oil Co.		Connection Not Connected	
Field Bloomfield		Formation Chacara	
Completion Date 6-29-81		Total Depth 3,175	
Flow Rate 4.500		Elevation 5837 G.L.	
Well No. 1		Farm or Lease Name Mexico Fed. "S"	
Perforations: From 2981 To 3090		Well No. 1	
Perforations: From Open To Ended		Unit 0	
Type Well - Single - Broadhead - G.G. or G.O. Multiple		County San Juan	
Producing Thru Tubing		State New Mexico	
Reservoir Temp. °F 6		Mean Annual Temp. °F 12.0	
Baro. Press. - P _g 3058		Prover 2.000	
H 3058		Meter Run 2.000	
G _g 660		% CO ₂	
% N ₂		% H ₂ S	
FLOW DATA		TUBING DATA	
CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size
SI	168 Hrc.		
1.	2.000 x .750		
2.	2.000 x .750		
3.	2.000 x .750		
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1	11.000		159
2	11.000		119
3	11.000		103
4			
5			
NO.	Flow Temp. °F	Gravity Factor F _g	Super Compress. Factor, F _{pv}
1	1.000	1.231	1.016
2	1.000	1.231	1.012
3	1.000	1.231	1.011
4			
5			
NO.	F _r	Temp. °R	T _r
1			
2			
3			
4			
5			
Gas-Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ P.S.I.A. Critical Temperature _____ R			
F _c 1020 P _c 10404.00 (1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0976$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0672$ AOF = C $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.505$			
NO.	F _r	P _w	P _w ²
1	10609	294	86436
2			
3			
4			
5			
Absolute Open Flow 1.505 Maf @ 15.025 Angle of Slope 0 Slope, n .75			
Remarks:			
Approved By Commission: _____ Conducted By: Mark Kramer Calculated By: Mark Kramer Checked By: Paul D. Berhosh			