

**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 12-8-81	
Company GETTY OIL COMPANY				Connection NOT CONNECTED		
Pool OTERO				Formation CHACRA		Unit
Completion Date 11-24-81		Total Depth 3790		Plug Back TD 3741		Elevation 6686 g.l.
Farm or Lease Name JICARILLA "C"						
Csg. Size 5.500	Wt. 14.0	d 5.012	Set At 3784	Perforations: From 3654 To 3673		Well No. 29
Thq. Size 2.0625	Wt. 3.25	d 1.751	Set At 3667	Perforations: From OPEN To ENDED		Unit Sec. Twp. Rge. Z 21-25N-SW
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE GAS					Packer Set At -----	
Producing Thru TUBING		Reservoir Temp. *F @		Mean Annual Temp. *F		Baro. Press. - P _a 12.0
State NEW MEXICO						
L 3667	H 3667	Gg .700	% CO ₂	% N ₂	% H ₂ S	Prover 2.000
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		
SI	SHUT IN 168hrs											
1.	2.000	x	.750				420		420			1st hr.
2.	2.000	x	.750				37	60	258			2nd hr.
3.	2.000	x	.750				28	60	232			3rd hr.
4.							20	60	224			
5.												

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	11.000		49	1.000	1.195	1.000	644
2	11.000		40	1.000	1.195	1.000	526
3	11.000		32	1.000	1.195	1.000	421
4.							
5.							

NO.	P _t	Temp. *R	T _t	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

P _c 432	P _c ² 1886624	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.4254$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3045$	
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1				
2				
3	1024	236	55696	130928
4				
5				

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 549$

Absolute Open Flow 549	Mcf/d @ 15.025	Angle of Slope θ _____	Slope, n .85
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Remarks: _____

Approved By Commission:	Conducted By: Paul D. Berhost	Calculated By: Paul D. Berhost	Checked By:
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