

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 9-3-82	
Company Getty Oil Company				Connection Not Connected		
Pool Ballard				Formation Pictured Cliff		Unit
Completion Date 9-1-82		Total Depth 2516		Plug Back TD 2468		Elevation 6553 GL
Farm or Lease Name Jicarilla "B"						Well No. #27
Csg. Size 4.500	Wt. 9.500	d 4.090	Set At 2516	Perforations: From 2360 To 2426		
Tbg. Size 1.900	Wt. 2.900	d 1.610	Set At 2413	Perforations: From open To ended		Unit Sec. Twp. Rge. 0 6 24N 5W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At ---		County Rio Arriba
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12.0
State New Mexico						
L 2413	H 2413	G _g .690	% 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	168 hrs.						584		585		
1.	2.000	X	.750				94	60	332		1st.hr.
2.	2.000	X	.750				76	60	237		2nd.hr.
3.	2.000	X	.750				67	60	232		3rd.hr.
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	11.000		106	1.000	1.204	1.012	1421
2	11.000		88	1.000	1.204	1.000	1165
3	11.000		79	1.000	1.204	1.000	1046
4.							
5.							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	none	Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons		Deg.
2.					Specific Gravity Separator Gas	XXXXXX	
3.					Specific Gravity Flowing Fluid	XXXXX	
4.					Critical Pressure	P.S.I.A.	P.S.I.A.
5.					Critical Temperature	R	R

P _c 597	P _c ² 356409					
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2005$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1676$
1						
2						
3	79	244	59536	296873	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.221$	
4						
5						

Absolute Open Flow	1.221	Mcf/d @ 15.025	Angle of Slope	0	Slope, n	.85
Remarks:						

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