

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 1-4-83				
Company Getty Oil Company				Connection Not Connected					
Pool Blanco				Formation Mesa Verde				Unit	
Completion Date 12-29-82		Total Depth 6025		Plug Back TD 5981		Elevation 7131GL		Farm or Lease Name C.W. Roberts	
Csq. Size 5.500	Wt. 15.50	d 4.950	Set At 6024	Perforations: From 5287 To 5950		Well No. 8			
Tbg. Size 2.375	Wt. 4.700	d 1.995	Set At 5626	Perforations: From Open To Ended		Unit Sec. Twp. Rge. 17 24 25N 3W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single Gas					Packer Set At --		County Rio Arriba		
Producing Thru Tubing		Reservoir Temp. °F #		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L 5626	H 5626	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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI	168 Hrs. SI						1172		1172		
1.	2.000X.750						205	60	810		1st Hr.
2.	2.000X.750						173	60	722		2nd Hr.
3.	2.000X.750						150	60	665		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		217	1.000	1.195	1.025	2924
2	11.000		185	1.000	1.195	1.021	2483
3	11.000		162	1.000	1.195	1.019	2170
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio XXX 5 bbl	XXXXX
1					A.P.I. Gravity of Liquid Hydrocarbons 43.6 @ 60	Deg.
2.					Specific Gravity Separator Gas	XXXXXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 1134	P _c 21401856	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.4858$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3457$
NO	P _t ²	P _w	P _w ²
1			
2			
3	26244	677	453329
4			
5			

Absolute Open Flow 2920		Mcid @ 15.025	Angle of Slope	Slope, n .75
Remarks:				

Approved By Division	Conducted By: Mark Kramer	Calculated By: Paul D. Berhost	Checked By:
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