

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 11-9-81	
Company Getty Oil Co.				Connection Not Connected		
Pool Blanco				Formation Mesa Verde		Unit
Completion Date 10-30-81		Total Depth 8150		Plug Back TD 8106		Elevation 7112 G.L.
Farm or Lease Name C. W. Roberts						Well No. 6
Csg. Size 7.00	Wt. 23.0	d 6.366	Set At 6176	Perforations: From 5308 To 5889		Unit Sec. Twp. Rge. G 18 25N 3W
Tbg. Size 2.35	Wt. 4.70	d 1.995	Set At 5765	Perforations: From 5760 To 5765		County Rio Arriba
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas Oil Multiple				Packer Set At 5975		State New Mexico
Producing Thru Tubing		Reservoir Temp. *F a		Mean Annual Temp. *F		Baro. Press. - P _a 12.0
L 5760	H 5760	Gg 0.690	% CO ₂	% N ₂	% H ₂ S	Prover 2.00
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	240 Hr. SI						1050		1058		
1.	2.000 x .750						295	60	671		1st Hr.
2.	2.000 x .750						241	60	649		2nd Hr.
3.	2.000 x .750						194	60	610		3rd Hr.
4.											
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		307	1.000	1.204	1.035	4203
2	11.000		253	1.000	1.204	1.030	3451
3	11.000		206	1.000	1.204	1.023	2791
4.							
5.							

NO.	P _r	Temp. *R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1					1000 to 2	
2					A.P.I. Gravity of Liquid Hydrocarbons	55 @ 60 Deg.
3					Specific Gravity Separator Gas	XXXXXX
4					Specific Gravity Flowing Fluid	XXXXX
5					Critical Pressure	P.S.I.A.
					Critical Temperature	R

P _c 1070	P _c ² 1144900			
NO.	P _r ²	P _w	P _w ²	P _c ² - P _w ²
1				
2				
3	42436	612	374544	770356
4				
5				

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.4862$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3460$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3723$$

$$AOF = Q$$

Absolute Open Flow	3723	Mcf/d @ 15.025	Angle of Slope	75
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Remarks:

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