

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 8-7-78	
Company Getty Oil Company				Connection Not Connected		
Pool Bloomfield Ch. 1				Formation Ch. 1		Unit
Completion Date 7-29-78		Total Depth 3030'		Plug Back TD 2990'		Elevation 5579'
Farm or Lease Name Ward "A"						Well No. 1
Csg. Size 4.500	Wt. 9.5	d 4.090	Set At 3027'	Perforations: From 2944' To 2954'		Unit L
Tbg. Size 1.900	Wt. 2.90	d 1.610	Set At 2931'	Perforations: From open To ended		Sec. 13
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At -		Twp. 29N
Producing Thru Tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F 12		Rge. 11W
Baro. Press. - P _a 12		State New Mexico				
L 2931	H	Gg .660	% 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.	
SI							1065		1065	
1.	2.000	x	.750				30		469	
2.	2.000	x	.750				64		386	
3.	2.000	x	.750				53		331	
4.										
5.										

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	11.00		92	1.000	1.231	1.004	1251
2	11.00		76	1.000	1.231	1.004	1033
3	11.00		65	1.000	1.231	1.004	884
4							
5							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____
3.					Specific Gravity Flowing Fluid _____
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ R

NO.	P _t ²	P _w ²	P _w ²	P _c ² - P _w ²
1	4225	331	109561	1050368
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.1043}$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{952}$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.0772}$

Absolute Open Flow 952	Mcf/d @ 15.025	Angle of Slope θ	Slope, n .75
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Remarks:			
Approved By Commission:	Conducted By: Dave Bouvier	Calculated By: H. P. Hargreaves	Checked By: H. P. Hargreaves