

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form O-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 8-24-82	
Company Getty Oil Company			Connection Not Connected		
Basin Basin			Dakota Dakota		
Completion Date 7-26-82		Total Depth 7305		Casing Depth 7256	
Elevation 6688 GL		Jicarilla 'C'			
Well Size 4.500	Wt. 10.5#	d 4.052	Set At 7305	Perforations: From 7026 To 7220	Well No. #1E
Thd. Size 2.375	Wt. 4.70	d 1.995	Set At 7133	Perforations: From open To ended	Unit Sec. Twp. K 22 25N 5W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F 12.0		State New Mexico	
L 7133	H 7133	Gg .690	% CO ₂	% N ₂	Prover 2.000

FLOW DATA							TUBING DATA		CASING DATA	
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	27 Days						320		320	
1	2.000	X	.750				5	60	154	
2	2.000	X	.750				3	60	151	
3	2.000	X	.750				2	60	149	
4										
5										

1st Hr.
 2nd Hr.
 3rd Hr.

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w F_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, F _{sc}	Q
1	11.000		17	1.000	1.204	1.000	225
2	11.000		15	1.000	1.204	1.000	199
3	11.000		14	1.000	1.204	1.000	185
4							
5							

NO	F _g	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	0
					A.P.G. Gravity of Liquid Hydrocarbons	0
1					Specific Gravity Separator Gas	
2					Specific Gravity Flowing Fluid	Y X X X X
3					Critical Pressure	P.S.I.A.
4					Critical Temperature	°F
5						

332 P_c 110224					$\frac{P_c^2}{P_g^2 - P_w^2} = 1.3075$		$\left[\frac{P_c^2}{P_g^2 - P_w^2} \right]^n = 1.2227$	
NO	P _g	P _w	P _w ²	P _c ² - P _w ²				
1								
2								
3	196	161	25921	84303	$\left[\frac{P_c^2}{P_g^2 - P_w^2} \right]^n = 226$			
4								
5								

Flow Rate (gpm) 226		Mold @ 15.025		Angle of Slope →		.75
Remarks:						
Approved By Commission:		Conducted By: Paul D. Bernhost		Calculated By: Paul D. Bernhost		Checked By: