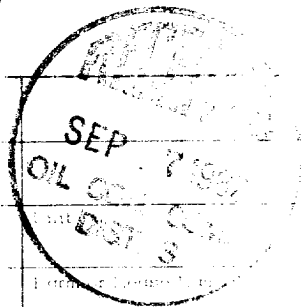


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



☒ Initial ☐ Amended ☐ Special				Test Date: 8-24-82	
Company: Getty Oil Company				Connection: Not Connected	
Basin:				Formation: Dakota	
Test Date: 8-11-82		Test Depth: 7260		Elevation: 7218	
Fluid Type: 1.500		WT: 10.5 lb		6676 GL	
Perforations: 4.052		Set At: 7260		Jicarilla "A"	
Perforations: 2.375		Set At: 7091		Well No. #6E	
From open		To ended		Unit: M 27 25N 5W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple				County: Rio Arriba	
Single		Baro. Press. - P _a : 12.0		State: New Mexico	
Tubing: 7091		H: 7091		Prover: 2.000	
Gg: .700		% CO ₂ :		% N ₂ :	
% H ₂ S:		Prover: 2.000		Meter Run:	

FLOW DATA						TUBING DATA		CASING DATA		Time	
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
1	192 Hrs.						2378		2378		
2	2.000 X .750						139	60	563		1st Hr.
3	2.000 X .750						85	60	443		2nd Hr.
4	2.000 X .750						74	60	399		3rd Hr.
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 (BBL/D)
1	11.000		151	1.000	1.195	1.017	2019
2	11.000		97	1.000	1.195	1.012	1290
3	11.000		86	1.000	1.195	1.006	1137
4							
5							

NO.	P _c	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio: 1,000,000 to 1
1					A.P.G. Gravity of Liquid Hydrocarbons: 1BBL 42@60
2					Specific Gravity Separator Gas: X X X X
3					Specific Gravity Flowing Fluid: X X X X X
4					Critical Pressure: P.S.I.A.
5					Critical Temperature: °F

NO.	P _c	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0305$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0228$
1						
2						
3	2396	411	168921	5543179	$\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1163$	
4						
5						

NO.	P _c	P _w	P _w ²	P _c ² - P _w ²	1,163	Mold @ 15.085	Angle of Slope: .75
1							
2							
3							
4							
5							

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