

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 9-20-82			
Company Getty Oil Company				Connection Not Connected					
Pool Basin				Formation Dakota				Unit	
Completion Date 9-9-82		Total Depth 7104		Plug Back TD 7062		Elevation 6708 GL		Farm or Lease Name Jicarilla "B"	
Csg. Size 5.500	Wt. 15.50	d 4.950	Set At 7104	Perforations: From 6924 To 6996		Well No. #23E			
Thq. Size 2.375	Wt. 4.700	d 1.995	Set At 6951	Perforations: From open To ended		Unit 4 1/2	Sec. 5	Twp. 24N	Rge. 5W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At ---		County Rio Arriba			
Producing Thru Tubing		Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _a 12.0		State New Mexico	
L 6951	H 6951	Gg .680	% 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.		Temp. °F
SI	192 hrs.						1741		2003		
1.	2.000	X	.750				320	60°	912		1st hr.
2.	2.000	X	.750				179	60°	711		2nd hr.
3.	2.000	X	.750				139	60°	621		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		332	1.000	1.213	1.037	4594
2	11.000		191	1.000	1.213	1.021	2602
3	11.000		151	1.000	1.213	1.016	2047
4.							
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
					500,000 to 1	
					A.P.I. Gravity of Liquid Hydrocarbons	61 @ 60°
1					Specific Gravity Separator Gas	XXXXXXX
2.					Specific Gravity Flowing Fluid	XXXXX
3.					Critical Pressure	P.S.I.A.
4.					Critical Temperature	R
5.						

P _c 2015	P _c ² 4060225	
NO.	P _r	P _w
1		
2		
3	22801	633
4		
5		

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.1095$$

$$ACF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2,213$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.081$$

Absolute Open Flow	2,213	Mcf/d @ 15.025	Angle of Slope	Slope, n	.75
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Remarks:			
Approved By Commission:	Conducted By: Paul D. Berhost	Calculated By: Paul D. Berhost	Checked By: