

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Revised 9-1-85

RECEIVED

JUN 28 1984

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 6-20-84	
Company Getty Oil Company		Connection Not Connected	
Pool Basin		Formation Dakota	
Completion Date 6-11-84		Total Depth 7170'	Plug Back TD 7130'
		Elevation 6619 G.L.	Form or Lease Name Jicarilla "C"
Grp. Size 5.500	Wt. 17.00	d 4.892	Set At 7170'
		Perforations: From 7028' To 7090'	
Tbg. Size 2 3/8	Wt. 4.70	d 1.995	Set At 7058'
		Perforations: From Open To Ended	
Type Well - Single - Blindhead - G.G. or G.O. Multiple Single Gas		Packer Set At None	County Rio Arriba
Producing Zone Tubing		Reservoir Temp. °F 12.0	State New Mexico
L 7058'	H 7058	Gg .690	% CO ₂
		% N ₂	% H ₂ S
		Prover 2000	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. Pw	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	100 HRS.					2170	2170	
1.	200 X	.750				241	60	1st HR.
2.	200 X	.750				159	60	2nd HR.
3.	200 X	.750				131	60	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 Pg	Super. Compres. Factor, Fpv	Rate of Flow Q, Mcfd
1.	11.00		253	1.000	1.204	1.029	3448
2.	11.00		171	1.000	1.204	1.019	2308
3.	11.00		143	1.000	1.204	1.016	1924
4.							
5.							

NO.	R	Temp. °R	η	Z	Gas Liquid Hydrocarbon Ratio 16.673 to 1 Mol/Lbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons 461 @ 60° Deg.
2.					Specific Gravity Separator Gas .690 EST. XXXXXXXXXX
3.					Specific Gravity Flowing Fluid XXXXX
4.					Critical Pressure P.S.I.A. P.S.I.A.
5.					Critical Temperature R R

P. 2182	P _c ² 4761124	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0538$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0401$
NO.	P _c ²	P _w	P _c ² - P _w ²
1			
2			
3	20449	493	243049
4			
5			

5.07 = 0 $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2001$

Absolute Open Flow 2001	Mold @ 15.025	Angle of Slope @	Slope, n .75
Remarks:			

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