

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 4-2-79	
Company Getty Oil Company			Connection Not Connected		
Pool Ballard			Formation Pictured Cliffs		Unit
Completion Date 3-23-79		Total Depth 6316	Plug Back TD 2770	Elevation 6690 GL	Farm or Lease Name Jicarilla "B"
Csg. Size 5.500	Wt. 15.5	d 4.950	Set At 6314	Perforations: From 2655 To 2665	Well No. 5
Thg. Size 2.375	Wt. 4.70	d 1.995	Set At 2638	Perforations: From Open To ended	Unit Sec. Twp. Rge. L 32 25N 5W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At -	County Rio Arriba
Producing Thru Tubing		Reservoir Temp. °F 8	Mean Annual Temp. °F	Baro. Press. - P _a 12.0	State New Mexico
L 2638	H 2638	Gg 700	% 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							757		783		216 Hr SI
1.	2.000	X .750					130	60	297		1st Hr
2.	2.000	X .750					113	60	248		2nd Hr
3.	2.000	X .750					102	60	231		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	11.00		142	1.000	1.195	1.017	1898
2	11.00		125	1.000	1.195	1.015	1668
3	11.00		114	1.000	1.195	1.012	1517
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 _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 795	P _c ² 632025	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1031$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0870$
NO	P _t ²	P _w	P _w ²
1			
2			
3	12996	243	59049
4			
5			

Absolute Open Flow 1,649 Mcfd @ 15.025		Angle of Slope 85
Remarks:		

Approved By Commission:	Conducted By: Paul D. Berhost	Calculated By: Paul D. Berhost	Checked By: R.P. Hergenreter
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