

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-122
Revised 10-1-79

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 3-9-32	
Company Getty Oil Company		Connection Not Connected	
Pool Basin		Formation Dakota	
Completion Date 7-23-32		Total Depth 7289	Plug back TD 7240
Elevation 6763GL		Farm or Lease Name Jicarilla "C"	
Csa. Size 5.500	Wt. 15.5	d 4.950	Set At 7234
Perforations: From 7121 To 7190		Well No. #27E	
Trq. Size 2.0625	Wt. 3.25	d 1.751	Set At 7152
Perforations: From open To ended		Unit B	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Gas-Oil multiple		Packer Set At 6500	County Rio Arriba
Producing Thru Tubing	Reservoir Temp. °F 8	Mean Annual Temp. °F	Baro. Press. - P _a 120
State New Mexico			
L 7152	H 7152	G _g 0.700	% CO ₂
% N ₂		% H ₂ S	Prover 2.00
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.	
SI	336hrs.						2225		--	
1.	2.000X.750						321	60	--	1st hr.
2.	2.000X.750						226	60	--	2nd hr.
3.	2.000X.750						135	60	--	3rd hr.
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mc/d
1	11.000		333	1.000	1.1950	1.040	4,552
2	11.000		233	1.000	1.1950	1.027	3,213
3	11.000		197	1.000	1.1950	1.022	2,624
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1					Sec to 1	
2.					A.P.I. Gravity of Liquid Hydrocarbons 58.1 @ 60°	Deg.
3.					Specific Gravity Separator Gas	X X X X X X X X
4.					Specific Gravity Flowing Fluid	X X X X X
5.					Critical Pressure	P.S.I.A.
					Critical Temperature	R

NO.	P _t	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1					1.0371	1.0277
2						
3	33809	423	179032	4325087	2.697	
4						
5						

Absolute Open Flow		2,697	Mcf/d @ 15.025	Angle of Slope θ	Slope, n	.75
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Remarks:			
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Approved By Division	Conducted By: Paul Berhost	Calculated By: Paul Berhost	Checked By:
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