

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

Form C-122
Revised 9-1-65

RECEIVED

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 8-10-81		AUG 25 1981	
Company Getty Oil Company				Connection Not Connected		CASPER AREA E & P DEPARTMENT	
Pool Basin				Formation Dakota		Unit L	
Completion Date 7-30-81		Total Depth 7435		Plug Back TD 7390		Elevation 6877 G.L.	
Farm or Lease Name Jicarilla "C"		Well No. 28					
Csg. Size 5.500	Wt. 15.5	d 4.950	Set At 7433	Perforations: From 7165 To 7344			
Trg. Size 2.0625	Wt. 3.25	d 1.751	Set At 7250	Perforations: From OPEN To ENDED		Unit Sec. Twp. Rge. B - 24 - 25 - 5	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas Oil Multiple				Packer Set At 6675		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a	
State New Mexico							
L 72.0	H 7250	G _g .690	% 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 hours SI						2082		-		
1.	2.000	X	.750				160	60			1st hr
2.	2.000	X	.750				141	60			2nd hr
3.	2.000	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 Fg	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	11.00		172	1.000	1.204	1.019	2321
2	11.00		153	1.000	1.204	1.017	2061
3	11.00		143	1.000	1.204	1.016	1924
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio 500 to 1	Mcft/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons	Deq.
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.
5.					Critical Temperature	°R

P _c 2094	P _c ² 4384836	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0524$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0391$
NO. 1	P _w	P _w ²	P _c ² - P _w ²
1			
2			
3	20449	467	218337
4			
5			

Absolute Open Flow 1,999 Mcfd @ 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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SEP 8 - 1981
OIL CON. COM.
DIST. 3