

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 06/18/79	
Company OCCIDENTAL PETROLEUM		Connection	
Pool BLANCO		Formation MESA VERDE	
Completion Date 06/01/79		Total Depth 5609	Plug Back TD 5563
Elevation 6513 GL		Farm or Lease Name JICARILLA WEST	
Csg. Size 4.5	Wt. 10.5	d 4.052	Set At 5604
Perforations: From 4859 To 5399		Well No. 9A	
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 5137
Perforations: From NONE To		Unit Sec. Twp. Rge. D 6 26N 5W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple		Packer Set At 4772	
Producing Thru TUBING		Reservoir Temp. °F 150	Mean Annual Temp. °F 5000
Baro. Press. - P _a 12.2		State NEW MEXICO	
L 5137	H 5137	Gg 0.65	% CO ₂ % N ₂ % H ₂ S Prover 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							810			
1.	2" x 6" x 3/4"						40	68		
2.										
3.										
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		52	.9924	1.24	1.007	709
2.							
3.							
4.							
5.							

NO.	R _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1.	.078	528	1.41	.986						
2.										
3.										
4.										
5.										

NO.	P _c	P _c ²	P _w	P _w ²	P _c ² - P _w ²
1	832	693			
1	2.7			13.264	679
2.					
3.					
4.					
5.					

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.019$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 719$

(2) $\frac{P_c^2 - P_w^2}{P_c^2} = 1.019$

Absolute Open Flow	719 MCFD	Mcf @ 15.025	Angle of Slope	Slope, n	0.75
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Remarks:

Approved By Commission:	Conducted By: ALEXANDER	Calculated By: ALEXANDER	Checked By:
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