

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 10-9-81	
Company Curtis J. Little				Connection El Paso			
Pool Ballard				Formation Pictured Cliff		Unit	
Completion Date 9-28-81		Total Depth 2346		Plug Back TD 2325		Elevation 6413 GL	
Form or Lease Name Warren		Well No. 2					
Crg. Size 2.875	VL 6.5	d 2.441	Set At 2347	Perforations: From 2210 To 2288		Unit Sec. Twp. Rge. P 5 25N 7W	
Tbg. Size Slim	Wt. Hole	d Hole	Set At	Perforations: From To			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County Rio Arriba	
Producing Thru Casing		Reservoir Temp. °F 6		Mean Annual Temp. °F		Baro. Press. - P _a 12 est	
State N.M.							
L	H	Gg .650	% 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.		Temp. °F
SI	7 days								376		
1.	2 inch	.750	98						98	60°	3 hours
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		110	1.0000	.9608	1.010	1320
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcfd/bbl.
1.					A.P.L. Gravity of Liquid Hydrocarbons	Deq.
2.					Specific Gravity Separator Gas	XXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	°R

P _c 388	P _c ² 150544	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0940$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.07935$
NO.	P _r ²	P _w	P _w ²
1		114	12935
2			
3			
4			
5			

Absolute Open Flow 1424		Mcfd @ 15.025	Angle of Slope θ	Slope, n = 85
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Remarks: Dry gas throughout test

Approved By Commission	Conducted By Joe Elledge	Calculated By Joe Elledge	Checked By Curtis J. Little
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