

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 3-24-90				
Company Curtis J. Little Oil & Gas				Connection El Paso Natural Gas Company					
Pool Basin Fruitland				Formation Coal				Unit	
Completion Date 3-23-90		Total Depth 2490'		Plug Back TD 2350'		Elevation 6644' GL		Farm or Lease Name Wiedemer	
Csg. Size 2 7/8"	Wt. 4.7	d 2.441	Set At 2490'	Perforations: From 2188' To 2307'			Well No. 3		
Thk. Size	Wt. None	d	Set At	Perforations: From To			Unit I	Sec. Twp. Rge. 34 27 10	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County San Juan			
Producing Thru Casing		Reservoir Temp. °F #		Mean Annual Temp. °F		Baro. Press. - P _a 12 psia		State New Mexico	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Provat	Meter Run	Taps	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Provat 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	24 hours								160		
1.	No flow										
2.											
3.											
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 _{sc}	Rate of Flow Q, scf/d
1							
2							
3							
4							
5							

NO.	P _r	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.
5					Critical Temperature	R

NO.	P _i ²	P _w ²	P _c 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						
2						
3						
4						
5						

Absolute Open Flow _____ Mcf/d @ 15.025				Angle of Slope @ _____		Slope, n _____	
Remarks: _____							

Approved By Division	Conducted By: Joe Elledge	Calculated By: Joe Elledge	Checked By: Sylvia F. Little
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10 100 10

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