

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

Form C-122  
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special					Test Date 1-31-86						
Company El Paso Natural Gas Co.				Connection							
Pool Aztec				Formation Pictured Cliffs				Unit			
Completion Date 1-31-86		Total Depth 2490		Plug Back TD 2477		Elevation 5946 GR		Farm or Lease Name Hartman			
Csg. Size 2.875	Wt. 6.5	d 2.441	Set At 2489	Perforations: From 2357      To 2444			Well No. #3R				
Tbg. Size Tubingless Completion	Wt.	d	Set At	Perforations: From      To			Unit K	Sec. 23	Twp. 30	Rge. 11	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None			County San Juan			
Producing Thru Csg.		Reservoir Temp. °F #		Mean Annual Temp. °F		Baro. Press. - P <sub>a</sub> 12		State New Mexico			
L	H	Gg	% CO <sub>2</sub>	% N <sub>2</sub>	% H <sub>2</sub> 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 <sub>w</sub>	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI									234		7 Days
1.											
2.											
3.											
4.											
5.											
RATE OF FLOW CALCULATIONS											
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P <sub>m</sub>	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, F <sub>pv</sub>	Rate of Flow Q, Mcfd				
1.							<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>RECEIVED</b>  <b>FEB 05 1986</b>  <b>OIL CON. DIV.</b>  <b>DIST. 3</b> </div>				
2.											
3.											
4.											
5.											
NO.	P <sub>t</sub>	Temp. °R	T <sub>t</sub>	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. _____ P.S.I.A.						
5.					Critical Temperature _____ R _____ R						
NO.	P <sub>t</sub> <sup>2</sup>	P <sub>w</sub> <sup>2</sup>	P <sub>w</sub> <sup>2</sup>	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \text{_____}$ $(2) \left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \text{_____}$ $AOF = Q \left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \text{_____}$						
1.											
2.											
3.											
4.											
5.											
Absolute Open Flow _____ Mcfd @ 15.025					Angle of Slope @ _____			Slope, n _____			
Remarks: _____											
Approved By Commission:			Conducted By: C. Rhames			Calculated By: Scott H. Lindsay			Checked By: kld		