

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-122  
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special					Test Date 1-13-81						
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company							
Pool Fulcher Kutz			Formation Pictured Cliff			Unit					
Completion Date 1-6-81		Total Depth 2358		Plug Back TD 2348		Elevation 6258 GR		Farm or Lease Name Hargrave			
Csq. Size 2.875	Wt. 6.4	d 2.441	Set At 2358	Perforations: From 2147 To 2174		Well No. #2R					
Thq. Size None	Wt.	d	Set At	Perforations: From To		Unit I	Sec. 9	Twp. 27	Rge. 10		
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single					Packer Set At		County San Juan				
Producing Thru Csg.		Reservoir Temp. °F θ	Mean Annual Temp. °F	Baro. Press. - P <sub>a</sub> 12		State New Mexico					
L	H	G <sub>g</sub>	% 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	
SI									256		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 F <sub>t</sub>	Gravity Factor F <sub>g</sub>	Super Compress. Factor, F <sub>pc</sub>	Rate of Flow Q, Mcfd				
1											
2											
3											
4											
5											
NO.	R <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 _____		XXXXXXXXXX				
3					Specific Gravity Flowing Fluid _____		XXXXXXXXXX				
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) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____		(2) $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____				
1											
2											
3											
4											
5											
Absolute Open Flow _____ Mcfd @ 15.025					Angle of Slope θ _____			Slope, n _____			
Remarks: _____											
Approved By Division			Conducted By: Tom McAndrews			Calculated By: H. E. McAnally			Checked By:		