

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 7-22-81		(OWWO)	
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company			(Commingled)	
Pool Blanco - Basin				Formation MV - DK Commingled			Unit	
Completion Date 7-15-81		Total Depth 6811		Plug Back TD 6780		Elevation		Farm or Lease Name Turner Hughes
Csg. Size 7-5.500	Wt. d	Set At 6811	Perforations: From 4441 To 6734		Well No. #17			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6716	Perforations: From To		Unit H	Sec. 10	Twp. 27
Type Well - Single - Bradenhead - G.G. or G.O. Multiple					Packer Set At		County San Juan	
Producing Thru Tbg.		Reservoir Temp. °F a		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
SI							445		436		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, Fpv	Rate of Flow Q, Mcfd
1.							
2.							
3.							
4.							
5.							

  

NO.	P <sub>t</sub>	Temp. °R	T <sub>t</sub>	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.										
2.										
3.										
4.										
5.										

  

NO.	P <sub>t</sub> <sup>2</sup>	P <sub>w</sub>	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 $\theta$ _____		Slope, n _____	
Remarks: _____							
Approved By Commission:		Conducted By: Bill Huntington		Calculated By: Ed Mabe		Checked By:	