

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-177
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 3-4-80			
Company El Paso Natural Gas Company				Connection			
Pool Blanco				Formation Mesa Verde		Unit	
Completion Date 2-25-80		Total Depth 4882		Plug Back TD 4866		Elevation	
Firm or Lease Name Sharp							
Coq. Size 4.500	Wt. 10.5	d 4.052	Set At 4882	Perforations: From 4135 To 4852		Well No. 1A	
Trq. Size 2.375	Wt. 4.7	d 1.995	Set At 4810	Perforations: From To		Unit K	Sec. Twp. Rge. 18 28 8
Type Well - Single - Broadhead - G.G. or G.O. Multiple Single				Packer Set At		County San Juan	
Producing Thru		Reservoir Temp. °F p		Mean Annual Temp. °F		Baro. Press. - P _a	
						State New Mexico	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run Taps
FLOW DATA				TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hv	Temp. °F	Press. p.s.i.g.
1							580
2							875
3							
4							
5							
RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_{in}}$	Pressure P _m	Flow Temp. Factor Ft	Gravity Factor Fg	Super. Comple. Factor, Fpv	Rate of Flow O, Mcfd
1							
2							
3							
4							
5							
NO.	R ₁	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf, Jbl.		
1					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.		
2					Specific Gravity Separator Gas _____		XXXXXX
3					Specific Gravity Flowing Fluid _____		XXXXXX
4					Critical Pressure _____ P.S.I.A.		P.S.I.A.
5					Critical Temperature _____ R		R
NO.	P ₁	P _w	P _c	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____		
1					(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____		
2							
3					AOI = 0 $\left[\frac{R^2}{P_c^2 - R^2} \right]^n =$ _____		
4							
5							
Absolute _____				Remarks:			
Approved by Division		Conducted by: T. McAndrews		Calculated by: C.R. Wagner		Checked by:	

