

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

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 8-11-80	
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company		
Pool Aztec <i>Blanco</i>				Formation Pictured Cliff		Unit
Completion Date 8-4-80		Total Depth 3185		Plug Back TD 3168		Elevation 6286 GL
Farm or Lease Name Atlantic B						
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 3185	Perforations: From 2965 To 3002		Well No. #16
Tbg. Size 1.660	Wt. 2.4	d 1.380	Set At 2972	Perforations: From To		Unit Sec. Twp. Rge. B 4 30 10
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At		County San Juan
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12
State New Mexico						
L	H	Gg	% CO ₂	% N ₂	% H ₂ 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 _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							908		908		7 Days
1.											
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
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 _____
3					Specific Gravity Flowing Fluid _____
4					Critical Pressure _____ P.S.I.A.
5					Critical Temperature _____ R

NO.	P _t	P _w	P _w 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						

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____			
Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope θ _____	
Slope, n _____			
Remarks: _____			
Approved By Commission: _____		Conducted By: <u>Jim Thurstonson</u>	
Calculated By: <u>H. E. McAnally</u>		Checked By: _____	