

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 4-3-80	
Company El Paso Natural Gas Co.				Connection	
Pool Blanco				Formation Pictured Cliffs	
Completion Date 3-19-80		Total Depth 5.747		Plug Back TD 5729	
Elevation		Farm or Lease Name Atlantic			
Csg. Size 7"	Wt. 20.0	d 6.456	Set At 3427	Perforations: From 3052 To 3131	
Tbg. Size 1 1/4"	Wt. 2.33	d 1.380	Set At 3118	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple GG				Packer Set At 3306	
Producing Thru CSG		Reservoir Temp. °F @		Baro. Press. - P _a 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							466		466		7 Days
1.			.750	26		56°					3 Hrs.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		38	1.004	.9463	1.004	448
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 _____ .670 XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. P.S.I.A.
5.					Critical Temperature _____ R R

P _c 478	P _c ² 228484	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0071$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0060$
NO	P _t ²	P _w	P _w ²
1		40	1600
2			
3			
4			
5			

Absolute Open Flow 451 Mcfd @ 15.025		Angle of Slope @ 385	
Remarks: Well blew dry gas to the atmosphere during the test and vented 48 MCF.			
Approved By Commission:	Conducted By: J. Thurstonson	Calculated By: C. R. Wagner	Checked By: