

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 7-16-82				
Company El Paso Natural Gas Company				Connection Northwest Pipeline Corp.			Unit (OWWO)		
Pool Tapacito (PC) Ext.				Formation Pictured Cliffs			Unit		
Completion Date 7-2-82		Total Depth 6410		Plug Back TD 6403		Elevation 7269		Farm or Lease Name San Juan 27-4 Unit	
Csg. Size 7.00	Wt. 20.0	d 6.456	Set At 4378	Perforations: From 4080 To 4138			Well No. #36		
Tbg. Size 1.660	Wt. 2.30	d 1.380	Set At	Perforations: From To			Unit Sec. Twp. Rye. K 36 27 4		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G. G. Dual				Packer Set At 4188			County Rio Arriba		
Producing Thru Csg.		Reservoir Temp. *F @		Mean Annual Temp. *F		Baro. Press. - P _a 12.0		State New Mexico	
L	H	Gg 0.65	% 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							4		0	80	14 Days
1.	3/4" Choke			0	0		0		0		7 Hours
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						0
2.							
3.							
4.							
5.							

NO.	P _t	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 _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _t ²	P _w ²	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						

Absolute Open Flow _____ Mcfd @ 15.025 Angle of Slope θ _____			
Remarks: No Flow Due to Formation Being Contaminated by Fluids From Casing Leak Casing Blew Dead in 2 Minutes.			
Approved By Commission:	Conducted By: J.S. Florez	Calculated By: Bill Clark	Checked By: