

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 9-24-82		(OWWO)	
Company El Paso Natural Gas Company			Connection Northwest Pipeline Co.		
Pool S. Blanco			Formation Pictured Cliffs		Unit
Completion Date 9-17-82		Total Depth 3500		Plug Back TD 3400	Elevation 6609
Farm or Lease Name San Juan 27-5 Unit		Well No. #174			
Csq. Size 2.875	Wt. 6.4	d 2.441	Set At 3500	Perforations: From 3404 To 3428	
Tbg. Size 1.600	Wt. 2.4	d 1.380	Set At 3410	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At 3410	
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F	
Baro. Press. - P _a 12		State New Mexico			
L	H	G _g	% 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							681				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 _f	Temp. °R	T _f	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 _i ²	P _w ²	P _r ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n$
1.					
2.					
3.					
4.					

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope _____	Slope, n _____
Remarks: _____			
Approved By Commission:	Conducted By: Mel Mileman	Calculated By: Ed Mabe	Checked By:

