

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 1-26-82							
Company El Paso Exploration Co.			Connection El Paso Natural Gas Company								
Pool Basin			Formation Dakota		Unit (OWWO)						
Completion Date 1-16-82		Total Depth 6549		Elevation 5877 GR							
Csg. Size 4.500		Set At 6549		Perforations: From 6308 To 6494							
Tbg. Size 2.375		Set At 6356		Perforations: From To							
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single			Packer Set At 4009		Well No. #2						
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F 12							
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. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI							1277		0		10 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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd				
1.											
2.											
3.											
4.											
5.											
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratios _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ X X X X X X X X Specific Gravity Flowing Fluid _____ X X X X X Critical Pressure _____ P.S.I.A. _____ P.S.I.A. Critical Temperature _____ R _____ R						
NO.	P _r 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) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____						
1.											
2.											
3.											
4.											
5.											
Absolute Open Flow _____ Mcfd @ 15.025				Angle of Slope θ _____				Slope, n _____			
Remarks: _____											
Approved By Commission:			Conducted By: Bob Haire			Calculated By: Ed Mabe			Checked By:		