

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 2-9-82	
Company Paso Natural Gas Company				Connection El Paso Natural Gas Company			
Pool Blanco				Formation Pictured Cliffs		Unit (OWWO)	
Completion Date 1-22-82		Total Depth 4960		Plug Back TD 4913		Elevation Turner	
Csg. Size 5.500	Wt. 15.5	d 4.950	Set At 4945	Perforations: From 2580 To 2610		Well No. #1	
Thq. Size 1.610	Wt. 2.3	d 1.380	Set At 2580	Perforations: From To		Unit A	Sec. Twp. Rge. 28 30 9
Type Well - Single - Brdenhead - G.G. or G.O. Multiple G. G. Dual				Packer Set At 3009		County San Juan	
Producing Thru Csg.		Reservoir Temp. °F @		Mean Annual Temp. °F 12		State New Mexico	
L	H	Gg .680	% 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							243		243		18 Days
1.			.750	30		56	32		30		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 Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		42	1.0039	.9393	1.004	492
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 _____ 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

P _c 255	P _c ² 65025	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{65025}{63089}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0260$
NO.	P _t ²	P _w	P _w ²
1		44	1936
2			
3			
4			
5			

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 505$

$\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 505$

Absolute Open Flow	505	Mcf @ 15.025	Angle of Slope @	Slope, n .85
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Remarks: Gas Vented During Test - 67 MCF

Approved By Commission:	Conducted By: Bob Easterling	Calculated By: Ed Mabe	Checked By:
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