

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 May 1, 1980	
Company El Paso Natural Gas Co.				Connection			
Pool Blanco				Formation Mesa Verde		Unit San Juan	
Completion Date 4-11-80		Total Depth 6192		Plug Back TD 6176		Elevation	
Csg. Size 4.500		Wt. 10.5		d 4.052		Set At 6192	
Tbg. Size 2.375		Wt. 4.7		d 1.995		Set At 6073	
Perforations: From 5236 To 6093				Well No. 64A (PM)			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple GG (PM)				Packer Set At 3768		County Rio Arriba	
Producing Thru Tub		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a	
State New Mexico		L 3947		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
1.			.750		147	59 ⁰	597				7 Days 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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.	12.365		159	1.001	.9608	1.014	1917
2.							
3.							
4.							
5.							

NO.	P _t	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 .650	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 609	P _c ² 370881	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.4016$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2882$
NO. 1	P _t ² 25281	P _w 326	P _w ² 106276
2.			P _c ² - P _w ² 264605
3.			
4.			
5.			

Absolute Open Flow 2469		Mcf @ 15.025	Angle of Slope @
Remarks: Well Made A Light Fog of Water Throughout Test and Vented to The Atmosphere.			
Approved By Commission:	Conducted By: M.Wileman	Calculated By: C.R. Wagner	Checked By:

