

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS

Form C-122
Revised 9-1-65

RECEIVED
JAN 26 1984
OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 01-23-84	
Company El Paso Natural Gas Co.			Connection El Paso Natural Gas Co.		
Pool S. Blanco Ext.			Formation Pictured Cliffs		Unit
Completion Date 01-16-84		Total Depth 3047	Plug Back TD 3035	Elevation 6182 GR	Farm or Lease Name S.J. 28-7 Unit
Csq. Size 2.875	Wt. 6.4	d 2.441	Set At 3045	Perforations: From 2906 To 2962	Well No. 267
Tbg. Size	Wt.	d	Set At	Perforations: From 2906 To 2962	Unit Sec. Twp. Rge. J 15 28 7
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	County Rio Arriba
Producing Thru CSG		Reservoir Temp. *F #	Mean Annual Temp. *F	Baro. Press. - P _a 12	State New Mexico
L	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	
SI									1092		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 F _t	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 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 _r ²	P _w ²	R _w ²	P _c ² - R _w ²	(1) $\frac{P_c^2}{P_c^2 - R_w^2} =$ _____	(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n =$ _____
1						
2						
3						
4						
5						

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

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