

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

Form C-122
Revised 9-1-65

JAN 18 1984
OIL CON. DIV.
DIST. 3

Type Test ☐ Initial ☐ Annual ☐ Special		Test Date 1-4-84	
Company El Paso Natural Gas Co.		Connection Northwest Pipeline	
Pool Blanco		Formation Mesaverde	
Completion Date 12-23-83		Total Depth 6325	Plug Back TD 6309
		Elevation 6829 GR.	Farm or Lease Name San Juan 27-4 Unit
Csg. Size 7.000	Wt. 20	d 6.456	Set At 4117
Perforations: From *5498 To 6163		Well No. 152	
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 6148
Perforations: From To		Unit Sec. Twp. Rge. N 3 27 4	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At None	County Rio Arriba
Producing Thru TBG	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 Tcps

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							817		1186		12 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 _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 _____ 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 _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____
1						
2						
3						
4						
5						

$ACF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____			
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Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope θ _____	Slope, n _____
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Remarks: *4.500" liner 3948'-6324'

Approved By Commission:	Conducted By: Gary Osborne	Calculated By: Ed Mabe	Checked By:
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