

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

Form C-122
Revised 9-1-85

CORRECTED COPY

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 10-23-85	
Company El Paso Natural Gas		Connection Mesa Verde	
Pool Blanco		Formation	
Completion Date 10-23-85	Total Depth 6350	Plug Back TD 6335	Elevation 6725 GR
Casing Size 7.000 20 6.456 3999			Perforations: From *5863 To 6244
Tubing Size 2.575 4.7 1.995 6238			Perforations: From To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At None	County Rio Arriba
Producing thru Tbg.	Reservoir Temp. *F a	Mean Annual Temp. *F	Baro. Press. - P _a 32
L	H	G _g	% 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							1005		910		17 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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mscf/d
1							
2							
3							
4							
5							

NO.	P _i	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 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 _i	P _w	P _w	P _i - P _w	(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						

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

$(1) \frac{P_c^2}{P_c^2 - P_w^2} =$

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

Absolute Open Flow _____ Mcf @ 15.025	Angle of Slope θ _____	Slope, n _____
Remarks: *4.500" Liner 3856' - 6347'.		

Approved by Commission:	Conducted By: John Easley	Calculated By: Ed Mabe	Checked by: kld
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