

**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 8-12-81	
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company	
Pool Basin				Formation Dakota	
Completion Date 8-5-81		Total Depth 6756		Plug Back TD 6713	
Elevation 5912 GL		Farm or Lease Name Lackey B			
Csq. Size 4.500	Wt. 10.5	d 4.052	Set At 6758	Perforations: From 6553 To 6673	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6647	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At	
Producing Thru Tbg.				State New Mexico	
Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _a 12	
L	H	G _g	% CO ₂	% N ₂	% H ₂ S
Prover		Meter Run		Taps	

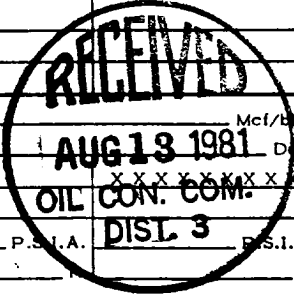
FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI							542		542	
1.										
2.										
3.										
4.										
5.										

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 _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/tbl.
1					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2					Specific Gravity Separator Gas _____
3					Specific Gravity Flowing Fluid _____
4					Critical Pressure _____ P.S.I.A.
5					Critical Temperature _____ °R

NO.	P _t ²	P _w ²	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						

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



Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope @ _____	Slope, n _____
Remarks: NO After Frac Gauge		

Approved By Commission:	Conducted By: Harrison Harvey	Calculated By: H. E. McAnally	Checked By:
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