

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

Form C-122
Revised 9-1-65

CORRECTED COPY

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 9-25-80	
Company El Paso Natural Gas Company			Connection El Paso Natural Gas company		
Pool Basin			Formation Dakota		Unit
Completion Date 9-17-80		Total Depth 7119	Plug Back TD 7102	Elevation 6262 GR	Farm or Lease Name Lackey B
Csq. Size 4.500	Wt. 11.6	d 4.000	Set At 7119	Perforations: From 6866 To 7050	Well No. #12R
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 7035	Perforations: From To	Unit Sec. Twp. Rge. L 21 28 9
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At	County San Juan
Producing Thru Tbg. L		Reservoir Temp. °F @	Mean Annual Temp. °F	Baro. Press. - P _g 12	State New Mexico
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							1140		1640		8 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 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	Req.
2					Specific Gravity Separator Gas	XXXXXXX
3					Specific Gravity Flowing Fluid	XXXXX
4					Critical Pressure	P.S.I.A. R
5					Critical Temperature	P.S.I.A. R

NO.	P _r 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 $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.

A.P.I. Gravity of Liquid Hydrocarbons _____

Specific Gravity Separator Gas _____

Specific Gravity Flowing Fluid _____

Critical Pressure _____ P.S.I.A. _____ P.S.I.A. _____

Critical Temperature _____ R _____ R _____

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope θ _____	Slope, n _____
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Remarks: _____

Approved By Commission:	Conducted By: Tom McAndrews	Calculated By: H.E. McAnally	Checked By:
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