

**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 7-14-82			
Company El Paso Natural Gas Company				Connection Northwest Pipeline					
Pool Basin				Formation DK				Unit	
Completion Date 7-7-82		Total Depth 8511		Plug Back TD 8503		Elevation 7251 GR		Farm or Lease Name San Juan 27-4 Unit	
Csq. Size 4.50	Wt. 10.5	d 4.052	Set At 8511	Perforations: From 8250 To 8435		Well No. #150			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 8408	Perforations: From To		Unit L	Sec. 36	Twp. 27	Rge. 4
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At		County Rio Arriba	
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12.0		State New Mexico	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps	

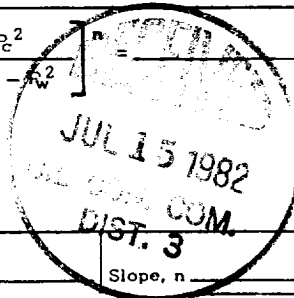
FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							2407		2427		7 Days
1.											
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1							
2							
3							
4							
5							

NO.	P _f	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 _c	P _c 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							

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



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

Approved By Commission:	Conducted By: J. S. Florez	Calculated By: Bill Clark	Checked By:
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