

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

Form C-122
Revised 9-1-65

RECEIVED
JAN 30 1984
OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 01-25-84	
Company El Paso Natural Gas			Connection El Paso Natural Gas		
Pool Basin			Formation Dakota		Unit San Juan 28-7 Unit
Completion Date 01-18-84		Total Depth 7250	Plug Back TD 7239	Elevation 6119 GR	Farm or Lease Name San Juan 28-7 Unit
Csq. Size 4.500	Wt. 11.6	d 4.000	Set At 7250	Perforations: From 7021 To 7223	Well No. 189 E
Tqg. Size 1.900	Wt. 2.9	d 1.610	Set At 7206	Perforations: From To	Unit Sec. Twp. Rge. F 35 28 07
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	Gq	% 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										
1.							2002		1985	
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 _t	Temp. °R	T _t	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 _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						

Absolute Open Flow _____ Mcfd @ 15.025				Angle of Slope θ _____	Slope, n _____
Remarks: _____					
Approved By Commission:		Conducted By: N.L. Waggoner		Calculated By: Ed Mabe	
				Checked By:	