

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

NMOC

RECEIVED
JAN 23 1984
OIL CON. DIV.
DIST. 3

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 01-17-84	
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company	
Pool Basin				Formation Dakota	
Completion Date 01-10-84		Total Depth 7685		Plug Back TD 7677	
Elevation 6560 GR		Farm or Lease Name S.J. 28-7 Unit			
Csg. Size 4.500	Wt. 11.6	d 4.000	Set At 7685	Perforations: From 7472 To 7674	
Tqg. Size 1.900	Wt. 2.9	d 1.610	Set At 7632	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru TBG		Reservoir Temp. °F @		Baro. Press. - P _g	
L		H		G _g	
% CO ₂		% N ₂		% H ₂ S	
Prover		Meter Run		Taps	
County Rio Arriba		State New Mexico			

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	
1.							1718		1869		7 days
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 _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 _t ²	P _w ²	P _w ²	P _c ² - P _w ²
1.				
2.				
3.				
4.				
5.				

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

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

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope θ _____	Slope, n _____
Remarks: _____			
Approved By Commission:		Conducted By: Ernie Minert	Calculated By: Ed Mabe
		Checked By:	