

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

Form C-122
Revised 9-1-65

OCT 21 1985

OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 10-16-85	
Company El Paso Natural Gas		Connection	
Pool Basin		Formation Dakota	
Completion Date 10-16-85		Total Depth 7150	Plug Back TD 7137
Elevation 6175 GR		Farm or Lease Name San Juan	
Csq. Size 4.500	wt. 10.5	Set At 4.052	7148
Perforations: From 6889 To 7070		Well No. #24	
Tqg. Size 1.900	wt. 2.9	Set At 1.610	7057
Perforations: From To		Unit Sec. Twp. Rge. L 33 29 09	
Type Well - Single - Bradenhead - G.G. or C.O. Multiple Single		Packer Set At None	
Producing Thru Tbg.		Reservoir Temp. °F a	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.	Temp. °F	
SI							1818			1843	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 _r	Temp. °R	T _r	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.
5					Critical Temperature	R

NO.	P _r	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 θ _____ Slope, n _____

Remarks: _____

Approved by Commission: _____ Conducted By: N.L. Waggoner Calculated By: Ed Mabe Checked by: kld