

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special										Test Date 7-16-81	
Company El Paso Natural Gas Company					Connection						
Well Blanco					Formation PC					Unit	
Completion Date 7-9-81			Total Depth 3188		Plug Back TD 3173		Elevation 6227 GL		Farm or Lease Name S.J. 32-9 Unit		
Csg. Size 4.500		Wt. 10.5		Set At 4.052		3188		Perforations: From 3025 To 3153		Well No. #95-R	
Tub. Size 1.660		Wt. 2.4		Set At 1.380		3148		Perforations: From To		Unit Sec. Twp. Rge. M 11 31 10	
Type Well - Single - Broadhead - G.C. or G.O. Multiple single								Packer Set At		County San Juan	
Producing Thru			Reservoir Temp. °F 8		Mean Annual Temp. °F		Baro. Press. - P _a 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							130		431		7 days
1.											
2.											
3.											
4.											
5.											

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

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature	Mcf, bbl.	Deg.	P.S.I.A.	R
1														
2														
3														
4														
5														

NO.	P _t	P _w	P _w ²	P _c ² - P _w ²
1				
2				
3				
4				
5				

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \text{_____}$$

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

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

RECEIVED

JUL 24 1981

OIL CON. COM.

DIST. 3

Approved by Division	Conducted By Jim Thurston	Calculated By Ed Mabe	Checked By
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