

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 2-5-81				
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company					
Pool Otero				Formation Chacra				Unit Rincon	
Completion Date 1-29-81		Total Depth 3901		Plug Back TD 3891		Elevation 6580 GR		Farm or Lease Name Rincon Unit	
Csq. Size 2.875	Wt. 6.4	d 2.441	Set At 3901	Perforations: From 3760 To 3852			Well No. #232		
Thq. Size NONE	Wt.	d	Set At	Perforations: From To			Unit Sec. Twp. Rge. G 12 26 7		
Type Well - Single - Brdenhead - G.G. or G.O. Multiple Single					Packer Set At		County Rio Arriba		
Producing Thru Csg.		Reservoir Temp. °F θ		Mean Annual Temp. °F		Baro. Press. - P _a 12		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									522		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	Mc'/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	_____ Deg.
2.					Specific Gravity Separator Gas	_____ X X 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 _i 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						

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

Approved by Division	Conducted By: Ernie Minert	Calculated By: H. E. McAnally	Checked By:
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