

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

Form C-122
 Revised 9-1-65

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

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 01-18-84	
Company El Paso Natural Gas Co			Connection El Paso Natural Gas Company		
Pool Otero			Formation Charca		Unit
Completion Date 01-11-84		Total Depth 4115	Plug Back TD 4104	Elevation 6607 GR	Farm or Lease Name S.J. 28-7 Unit
Csg. Size 2.875	Wt. 6.4	d 2.441	Set At 4114	Perforations: From 3813 To 4028	Well No. 268
Tbg. Size Tubingless Completion	Wt. 6.4	d 2.441	Set At 4114	Perforations: From To	Unit Sec. Twp. Rge. N 19 27 7
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	County Rio Arriba
Producing Thru CSG		Reservoir Temp. °F @	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									929		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. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _c	P _w	P _c ²	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: Glen Spencer	Calculated By: Ed Mabe	Checked By:
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