

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 3-30-81					
Company El Paso Natural Gas Company						Connection El Paso Natural Gas Company					
Pool Basin						Formation Dakota					
Completion Date 3-21-81				Total Depth 7414		Plug back TD 7404		Elevation 6228 GR		Unit San Juan 28-7	
Csg. Size 4.500		Wt. 11.6		d 4.000		Set At 7414		Perforations: From 7184 To 7384		Well No. #231E	
Tub. Size 1.900		Wt. 2.9		d 1.610		Set At 7362		Perforations: From To		Unit Sec. Twp. Rye. K 16 28 7	
Type Well - Single - Blindhead - G.C. or G.O. Multiple Single								Packer Set At		County Rio Arriba	
Producing Thru Tbg.		Reservoir Temp. °F p		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							750		2600		9 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	Date of Flow
1						
2						
3						
4						
5						

NO.	P ₁	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	XXXXXX
3					Specific Gravity Flowing Fluid	XXXXXX
4					Critical Pressure	P.S.I.A.
5					Critical Temperature	°R

NO.	P ₁ ²	P ₂ ²	P ₃ ²	P ₄ ² - P ₃ ²	(1) $\frac{P_c^2}{P_2^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_2^2 - P_w^2} \right]^n =$
1						
2						
3						
4						
5						

Absolute Open Flow _____ Mcf @ 15.025
 Remarks: _____

Angle of Slope _____ Slope, n _____

Approved By Division	Conducted By John Easley	Calculated By H. E. McAnally	Checked By
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