

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 3-12-86				
Company El Paso Natural Gas					Connection				
Pool Basin					Formation Dakota				
Completion Date 3-12-86		Total Depth 6968		Plug Back TD 6936		Elevation 6697		Farm or Lease Name Huerfano Unit	
Csq. Size 4.500	Wt. 10.5	d 4.052	Set At 6966	Perforations: From To				Well No. #201E	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6886	Perforations: From To				Unit Sec. Twp. Rge. A 09 26 10	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None		County San Juan		
Producing Thru Tbg.		Reservoir Temp. °F #		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							606		1865		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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1							
2							
3							
4							
5							

NO.	R _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1						
2						
3						
4						
5						

A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ P.S.I.A. _____ P.S.I.A. Critical Temperature _____ R _____ R				
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$(1) \frac{P_c^2}{P_c^2 - R_w^2} = \text{_____}$ $(2) \left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = \text{_____}$ $AOF = Q \left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = \text{_____}$
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Absolute Open Flow _____ Mcfd @ 15.025 Angle of Slope θ _____ Slope, n _____ Remarks: _____

Approved By Division	Conducted By: J. Huntington	Calculated By: Scott A. Lindsay	Checked By:
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