

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 2-4-81			
Company El Paso Natural Gas Company				Connection					
Pool Basin				Formation Dakota				Unit	
Completion Date 1-27-81		Total Depth 8042		Plug Back TD 8034		Elevation		Farm or Lease Name San Juan 28-6 Unit	
Csq. Size 4.500	Wt. 10.5	d	Set At 8042	Perforations: From 7838 To 8026		Well No. #123R			
Tbg. Size 1.500	Wt. 2.9	d	Set At 8002	Perforations: From To		Unit Sec. Twp. Rge. G 16 28 6			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County Rio Arriba	
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a		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							2120		2130		80 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	Factor, Fpv
1						
2						
3						
4						
5						

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

A.P.I. Gravity of Liquid Hydrocarbons				Deg.	
Specific Gravity Separator Gas				X X X X X X X X	
Specific Gravity Flowing Fluid				X X X X X	
Critical Pressure				P.S.I.A.	
Critical Temperature				R	

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

Absolute Open Flow		Mcf/d @ 15.025		Angle of Slope @		Slope, n	
Remarks:							

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