

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

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 1-30-86	
Company El Paso Natural Gas				Connection			
Pool Basin				Formation Dakota		Unit	
Completion Date 1-30-86		Total Depth 8140		Plug Back TD 8131		Elevation 6839 GR	
Farm or Lease Name S.J. 29-7 U.							
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 8140	Perforations: From 7864 To 8074		Well No. #40E	
Tbg. Size 1.990	Wt. 2.9	d 1.610	Set At 8051	Perforations: From To		Unit A	Sec. 28
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 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							1150		1480		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							

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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.
5					Critical Temperature	R

OIL CON. DIV.
 DIST. 3

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

AOF = Q $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n =$

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope @ _____	Slope, n _____
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Remarks:			
Approved By Commission:			
Conducted By: John Easley		Calculated By: Scott H. Lindsay	
		Checked By: kld	