

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 10-2-85	
Company E1 Paso Natural Gas				Connection		
Basin				Formation Dakota		Unit
Completion Date 10-2-85		Total Depth 8075		Plug Back TD 8070		Elevation 6776
Form or Lease Name S.J. 28-5 Unit						Well No. #63E
Gas. Size 4.500	Wt. 4.7	d 1.995	Set At 8075	Perforations: From 7847 To 8040		
Req. Size 1.900	Wt. 2.9	d 1.610	Set At 8038	Perforations: From To		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County Rio Arriba
Producing Thru Tbg.		Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _a 12
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
51							1559		1559		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 F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcd
1							
2							
3							
4							
5							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2					Specific Gravity Separator Gas _____
3					Specific Gravity Flowing Fluid _____
4					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5					Critical Temperature _____ R _____ R

NO.	P _t	P _w	P _w	P _c - P _w	(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 _____ Mcd @ 15.025				Angle of Slope @ _____		Slope, n _____
Remarks: _____						
Approved by Commission: _____ Conducted By: _____ Calculated By: _____ Checked By: _____						
Easley Ed Mabe kld						