

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

Form C-123
 Revised 9-1-55

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 11-14-85	
Company El Paso Natural Gas		Connection	
Pool Basin		Formation Dakota	
Completion Date 11-14-85	Total Depth 8072	Plug Back TD 8064	Elevation 6670 GR
Farm or Lease Name S.J. 28-5 unit		Well No. #79E	
Csg. Size 4.500	Int. 11.6	Set At 4.000	8072
Perforations: From 7931	To 8032		
Tub. Size 1.900	Int. 2.9	Set At 1.610	8015
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
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
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	cl Flow
51							1800		2000		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.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbon _____ 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 _r	P _w	P _a	P _r - P _w	(1) $\frac{P_r^2}{P_r^2 - P_w^2} =$ _____ (2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$ _____ AOP = Q $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$ _____
1					
2					
3					
4					

Absolute Open Flow _____ Mcfd @ 15.025		Anale of Slope @ _____	Slope, n _____
Remarks: _____			

Approved by Commission:	Conducted By: John Easley	Calculated By: Ed Mabe	Checked by: kld
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