

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

Form C-122
Revised 9-1-6

RECEIVED
JAN 02 1986
OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 12-30-85	
Company El Paso Natural Gas		Connection	
Pool Basin		Formation Dakota	
Completion Date 12/30/85		Total Depth 7866	Plug Back TD 7860
Csg. Size 4.500		wt. 10.5	Set At 4.052
Perforations: From 7619 To 7834		Elevation 6602 GR	
Perforations: From To		Farm or Lease Name S.J. 27-5 Unit	
Perforations: From To		Well No. #103E	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single		Packer Set At None	Unit Sec. Twp. Rge. P 14 27 05
Producing Thru Tbg.		Reservoir Temp. °F a	Mean Annual Temp. °F
Baro. Press. - P _a 12		County Rio Arriba	
L H Gg % CO ₂ % N ₂ % H ₂ S Prover		State New Mexico	
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	
1							1947		1953		7 Days
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							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1										
2										
3										
4										
5										

NO.	P _r	P _w	P _a	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		Mcfd @ 15.025		Angle of Slope @		Slope, n	
Remarks:							

Approved by Commission:	Conducted By: Barry Wieland	Calculated By: Scott Lindsay	Checked By: klid
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