

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 9-12-85	
Company El Paso Natural Gas		Connection	
Pool Basin		Formation Dakota	
Completion Date 9-12-85	Total Depth 8119	Plug Back TD 8107	Elevation 6910 GR
Form or Lease Name S.J. 29-7 Unit		Well No. #126	
Csg. Size 4.500	wt. 10.5	Set At 11.6	Perforations: From 7891 To 8096
Tub. Size 1.900	wt. 2.9	Set At 1.610	Perforations: From To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple		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	C _g .700	% 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							2603		2619		7 Days
1.			.750	161		58	161		1153		3 Hrs.
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	12.365		173	1.0019	.9258	1.023	2030
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 Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X 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. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _r 2631	P _w 6922161	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{6922161}{5564936}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1778$
NO. 1	P _r 1165	P _w 1357225	P _r - P _w 5564936
2.			
3.			
4.			
5.			

Absolute Open Flow 2391 Mcfd @ 15.025		Angle of Slope _____
Remarks: Produced mist of water during test. Gas vented during test 361 MCF		
Approved by Commission:	Conducted By: William Paul	Calculated By: Cliff Brock
		Checked By: kld

RECEIVED
SEP 18 1985
OIL CON. DIV
DIST. DIV