

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			
Pool Basin		Formation Dakota	
Completion Date 9-12-85	Total Depth 7885	Plug Back TD 7873	Elevation 6672 GR
Form or Lease Name S.J. 29-7 Unit			
Csg. Size 4.500	Wt. 10.5 11.6	Set At 4.052 7877	Pertorations: From 7632 To 7852
Well No. #127			
Teg. Size 1.900	Wt. 2.9	Set At 1.610 7825	Pertorations: From To
Unit B		Sec. 19	Twp. 29
Range 07			
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 .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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI							2512		2512	
1.			.750	187		60	187		1232	
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, Mcfd
1	12.365		199	1.000	.9258	1.023	2330
2							
3							
4							
5							

NO.	P _t	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. _____ P.S.I.A.
5					Critical Temperature _____ R _____ R

P _t 2524	u ₂ ² 6370576	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{6370576}{4823040}$	(2) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2321$
NO. 1	P _t 1244	P _w 1547536	P _c ² - P _w ² 4823040
2			
3			
4			
5			

Absolute Open Flow 2871 Mcfd @ 15.025		Angle of Slope @ _____
Remarks: Produced light mist during test. Gas vented during test = 337 MCF.		
Approved by Commission:	Conducted By: John Easley	Calculated By: Cliff Brock
		Checked By: kld

RECEIVED
 SEP 18 1985
 OIL CON. DIV.
 DIST. 75