

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 2-13-86	
Company El Paso Natural Gas				Connection	
Pool Blanco				Formation Mesa Verde	
Completion Date 2-13-86		Total Depth 7990		Plug Back TD 7982	
Elevation 6715		Farm or Lease Name San Juan 29-7 Unit			
Csg. Size 9.625	Wt. 40.0	d 8.835	Set At 3874	Perforations: From 5186 To 6035	
Tbg. Size 1.995	Wt. 2.75	d 1.610	Set At 6039	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. Dual				Packer Set At 6150	
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F 12	
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. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI							625		630		7 Days
1.			.750	136		54	136		580		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		148	1.0058	.9258	1.018	1735
2.							
3.							
4.							
5.							

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

P _c 642	P _c ² 412164	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{412164}{61700}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4.1552$
NO	P _t ²	P _w	P _w ²
1		592	350464
2			
3			
4			
5			

Absolute Open Flow 7209 Mcfd @ 15.025		Angle of Slope θ	Slope, n
Remarks: 7" Liner Set 3719' - 6330'. 4½" Liner Set 6209' - 7990'. Gas Vented during test 216 MCF.			
Approved By Commission:	Conducted By: John Easley	Calculated By: Scott H. Lindsay	Checked By: KLD