

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 6-11-80			
Company El Paso Natural Gas Company				Connection			(OWWO)	
Pool So. Blanco				Formation Pictured Cliff			Unit San Juan	
Completion Date 5-22-80		Total Depth 5550		Plug Back TD 5520		Elevation 6412 G1		Farm or Lease Name S.J. 27-5 Unit (PM)
Csg. Size 7.000	Wt. 20	d 6.456	Set At 3275	Perforations: From 3106 To 3152			Well No. #67	
Tbg. Size 1.660	Wt. 2.4	d 1.380	Set At 3127	Perforations: From To			Unit Sec. Twp. Rye. B 31 27 5	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. Dual					Packer Set At 3160		County Rio Arriba	
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12		State New Mexico
L	H	Gg 0.670	% 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	
1.	2"	0.750	4			47	303		396		3 Hr.
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	12.365		16	1.0127	0.9463	1.005	191
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 _c 408	P _c ² 166464	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0350$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0296$
NO.	P _t ²	P _w	P _w ²
1	256	75	5625
2			
3			
4			
5			

Absolute Open Flow 197 Mcfd @ 15.025		Angle of Slope θ _____
Slope, n 0.85		
Remarks: _____		
Approved By Commission:	Conducted By: G. Archibeque	Calculated By: H. E. McAnally
Checked By:		

