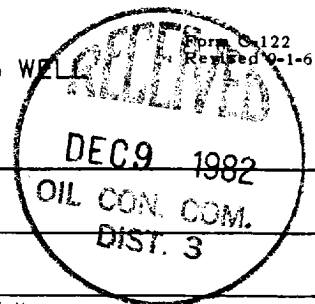


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS

Form O-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 12-8-82	
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company			
Pool Blanco				Formation Pictured Cliffs		Unit	
Completion Date 12-01-82		Total Depth 3045		Plug Back TD 3035		Elevation 6288 GR	
Farm or Lease Name San Juan 29-7 Unit							
Csg. Size 2.875	Wt. 6.4	d 2.441	Set At 3045	Perforations: From 2968 To 3004		Well No. #115	
Thg. Size No Tubing	Wt.	d	Set At	Perforations: From To		Unit D	Sec. Twp. Rge. 31 29 7
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At NONE		County Rio Arriba	
Producing Thru Csg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12	
State New Mexico							
L	H	G _g	% 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									1025		7 Days
1.											
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							
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
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

NO.	P _r ²	P _w	P _w ²	P _c ² - P _w ²	(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						

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____

$\frac{P_c^2}{P_c^2 - P_w^2} =$ _____

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope ϕ _____	Slope, n _____
Remarks: _____		

Approved By Commission:	Conducted By: Bill Norman	Calculated By: Ed Mabe	Checked By:
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