

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

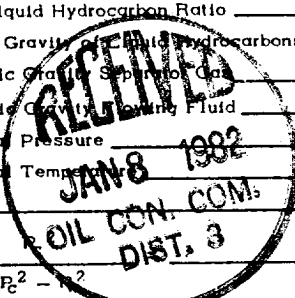
Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 12-30-81	
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company		
Pool Blanco				Formation Pictured Cliffs		Unit
Completion Date 12-22-81		Total Depth 3409		Plug Back TD 3393		Elevation 6473 GR
Farm or Lease Name Atlantic		Well No. #19				
Csq. Size 4.500	Wt. 10.5	d 4.052	Set At 3409	Perforations: From 3230 To 3354		Unit C
Thg. Size 1.900	Wt. 2.9	d 1.610	Set At 3320	Perforations: From To		Sec. 25
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		Twp. 31
Producing Thru Thg. L		Reservoir Temp. °F @		Mean Annual Temp. °F		Rge. 10
Baro. Press. - P _a 12		State New Mexico		County San Juan		
% 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							421		421		8 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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1							
2							
3							
4							
5							

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



NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2 - P_w^2}{P_c^2 - P_w^2}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1						
2						
3						
4						
5						

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

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .85
Remarks: _____		

Approved By Commission:	Conducted By: Jim Thurstonson	Calculated By: Ed Mabe	Checked By:
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