

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 4-23-80			
Company El Paso Natural Gas Co.				Connection					
Pool Blanco				Formation Mesa Verde				Unit	
Completion Date 4-12-80		Total Depth 5631		Plug Back TD 5614		Elevation		Farm or Lease Name Jones A (PM)	
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 5631	Perforations: From 4494 To 5617		Well No. 5A			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 5563	Perforations: From To		Unit Sec. Twp. Rge. C 13 28 8			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G.				Packer Set At 3192		County San Juan			
Producing Thru Tub. L 3616		Reservoir Temp. °F H		Mean Annual Temp. °F Gg		Baro. Press. - P _a % CO ₂ % N ₂ % H ₂ S		State New Mexico	
						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							680				11 Days 3 Hrs.
1.		.750		190		650					
2.											
3.											
4.											

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		202	.9952	.9608	1.019	2434
2.							
3.							
4.							
5.							

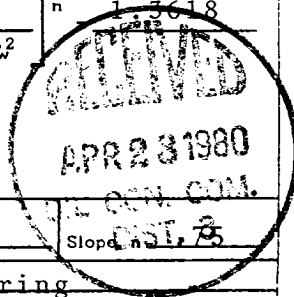
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.	
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.	
2.					Specific Gravity Separator Gas .650	XXXXXXXXXX
3.					Specific Gravity Flowing Fluid XXXXX	
4.					Critical Pressure _____ P.S.I.A.	P.S.I.A.
5.					Critical Temperature _____ R	R

P _c 692	P _c ² 478864		
NO.	P _t ²	P _w	P _w ²
1		402	161604
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.5094$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3315$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3618$$



Absolute Open Flow 3315 Mcfd @ 15.025	Angle of Slope θ _____
Remarks: Well Blew A Light Fog of Water To The Atmosphere During Test and Vented 239 MCF.	
Approved By Commission:	Conducted By: J. Easley
Calculated By: C.R. Wagner	Checked By: