

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

Form C-122
Revised 9-1-65

CORRECTED COPY

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 5-1-80			
Company El Paso Natural Gas Co.						Connection			
Pool Blanco Ext.						Formation Pictured Cliff		Unit	
Completion Date 4-12-80		Total Depth 5631		Plug Back TD 5614		Elevation		Farm or Lease Name Jones A (PM)	
Csg. Size 7"	Wt. 20	d 6.456	Set At 3299	Perforations: From 2970 To 3084		Well No. 5A			
Tbg. Size 1 1/4	Wt. 2.4	d 1.660	Set At 3064	Perforations: From To		Unit C	Sec. 13	Twp. 28	Rge. 8
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G.						Packer Set At 3192		County San Juan	
Producing Thru Csg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	Gg	% 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							604		604		19 Days
1.	.750			49		60 ⁰					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 F _g	Super Compress. Factor F _{pv}	Rate of Flow Q, Mcfd
1	12.365		61	1.000	.9463	1.004	717
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 .670 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 376	P _c ² 141376	
NO.	P _t ²	P _w
1		61
2.		
3.		
4.		
5.		

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0270$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 733$

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

Absolute Open Flow	733	Mcfd @ 15.025	Angle of Slope @	Slope, n = .85
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Remarks: 4.500 Liner Set @ 3172' to 5631' Well Made Dry Gas Throughout Test and vented 74 MCF/D To The Atmosphere

Approved By Commission:	Conducted By: J. Easley	Calculated By: C. R. WAGNER	Checked By:
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