

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 6-18-80	
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company	
Pool Ballard Pictured Cliffs				Formation Pictured Cliffs	
Completion Date 6-11-80		Total Depth 2528		Plug Back TD 2517	
Elevation 6761 G1		Unit Canyon Largo Unit			
Farm or Lease Name Canyon Largo Unit		Well No. 219			
Csg. Size 2 7/8	Wt. 6.4#	Set At 2528	Perforations: From 2462 To 2478		Unit Sec. Twp. Rge. 1 24 7
Tbg. Size ---	Wt. ---	Set At ---	Perforations: From To		County Rio Arriba
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At -----	
Producing Thru Csg.		Reservoir Temp. °F @		Baro. Press. - P _a New Mexico	
L	H	Gg .65	% 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									495		7 Days
1.	2	x	.750	2		62			2		3 Hours
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	-----	14.0	.9981	.9608	1.00	166
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
3.					Specific Gravity Flowing Fluid _____ X X X X
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ R

P _c 507	P _c ² 257049	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0011$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0019$
NO.	P _w	P _w ²	P _c ² - P _w ²
1	17	289	256760
2			
3			
4			
5			

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 166.$

Absolute Open Flow 166. Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .85
Remarks: _____		

Approved By Commission:	Conducted By: Cliff Brock	Calculated By: Rod Pinkett	Checked By: H.E. McAnally
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