

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLForm C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 4/21/80				
Company Bolin Oil Company				Connection not connected					
Pool Otero				Formation Chacra				Unit	
Completion Date 4/14/80		Total Depth 4700' KB		Plug Back TD 4634' KB		Elevation 6094' GL		Farm or Lease Name Candado	
Chg. Size 5 1/2"	Wt. 15.5#	d	Set At 4693' KB	Perforations: From 3084' To 3180'			Well No. 23-A (dual)		
Tbg. Size 1 1/4	Wt. 2.4#	d	Set At 3156' KB	Perforations: From To			Unit P	Sec. 9	Twp. 26N
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G. G. Multiple				Packer Set At 3264'		County Rio Arriba			
Producing Thru Tbg.		Reservoir Temp. °F θ		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	Gg	% CO ₂	% H 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							1008#		1009#		7 days
1.	2"	X	3/4"				58#	47	401#		3 hrs.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		70	1.0127	1.0000	1.0000	877
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mc/bbl.
1.					A.P.L. 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.
5.					Critical Temperature	R

NO.	P _r	P _w	P _w ²	P _r ² - P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2} =$	(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$
1	4900	413	170,569	869,831	1.1961	1.1437
2						
3						
4						
5						

NO.	P _r	P _w	P _w ²	P _r ² - P _w ²	AOF = Q $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$
1	4900	413	170,569	869,831	1,003
2					
3					
4					
5					

Absolute Open Flow	1,003	Mcfd @ 15.025	Angle of Slope θ	Slope, n .75
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Remarks:			
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Approved by Commission	Conducted By: Crum	Calculated By: Crum	Checked By:
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