

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 8/16/80			
Company Bolin Oil Company				Connection NC			
Pool Blanco				Formation Mesaverde		Unit	
Completion Date 8/2/80		Total Depth 4700' KB		Plug Back TD 4638' KB		Elevation 6120' GL	
Farm or Lease Name Candado				Well No. 24			
Cwg. Size 5 1/2"	Wt. 15.5#	d	Set At 4695' KB	Perforations: From 4126' To 4550'		Unit Sec. Twp. Rge. M 9 26N 7W	
Tbg. Size 1 1/2"	Wt. 2.9#	d	Set At 4508' KB	Perforations: From To			
Type Well - Single - Brdhead - G.G. or G.O. Multiple G. G. - multiple				Packer Set At 3240' KB		County Rio Arriba	
Producing Thru Tbg.		Reservoir Temp. °F 8		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							1098#				SI 7 days
1.	2"	X	3/4"				16#	62			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 Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		28	.9981	1.0000	1.0000	346
2.							
3.							
4.							
5.							

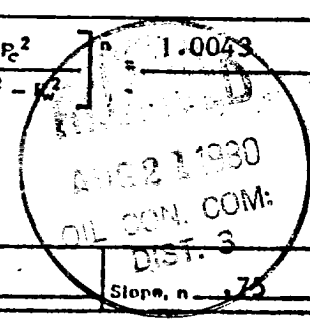
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio Mcf/bbl.	A.P.I. Gravity of Liquid Hydrocarbons Deg.	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure P.S.I.A.	Critical Temperature °R
1.										
2.										
3.										
4.										
5.										

P _r 1110 P _c ² 1232100			
NO.	P _r ²	P _w	P _w ²
1	784	84	7056
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_r^2 - P_w^2} = 1.0057$$

$$AOI = Q \left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 347$$

$$(2) \left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 1.0043$$



Absolute Open Flow	347	Mcf/d @ 15.025	Angle of Slope	Slope, n
Remarks:				

Approved By Commission:	Conducted By: Crum	Calculated By: Crum	Checked By:
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