

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 Bolin Oil Company				Connection not connected					
Pool Otero				Formation Chacra				Unit	
Completion Date 4/16/80		Total Depth 4688' KB		Plug Back TD 4630' KB		Elevation 6063' GL		Farm or Lease Name Candado	
Crg. Size 5.50"	Wt. 15.5#	d	Set At 4682'	Perforations: From 3060' To 3152'		Well No. 24-A (dual)			
Tbg. Size 1 1/4"	Wt. 2.4#	d	Set At 3146'	Perforations: From To		Unit Sec. Twp. Rge. E 9 26N 7W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G. G. Multiple						Packer Set At 3257'		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							1038#		1122#		SI 7 days
1.	2"	X	3/4"				46#	44	366#		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 _{pw}	Rate of Flow Q, Mhd
1	12.3650		58	1.0158	1.000	1.000	729
2.							
3.							
4.							
5.							

NO.	P _i	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcl/bbl.
1.					A.P.I. 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. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 1050 P _c ² 1,102,500				
NO.	P _i	P _w	P _w ²	P _i ² - P _w ²
1	3364	378	142,884	959,616
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_i^2 - P_w^2} = 1.1489$ (2) $\left[\frac{P_c^2}{P_i^2 - P_w^2} \right]^n = 1.1097$

AOIF = Q $\left[\frac{P_c^2}{P_i^2 - P_w^2} \right]^n = 809$

Absolute Open Flow _____ 809 _____ Mhd @ 15.025	Angle of Slope θ _____	Slope, n _____ .75
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Remarks: _____

Approved By Commission	Conducted By Crum	Calculated By Crum	Checked By
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