

2-OCC; Aztec, N.M.
 1-B
 1-NCRA
 1-D
 1-H
 1-F

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 4/30/80			
Company Bolin Oil Company				Connection not connected			
Pool Blanco				Formation Mesaverde		Unit	
Completion Date 4/16/80		Total Depth 4688' KB		Plug Back TD 4630' KB		Elevation 6063' GL	
Farm or Lease Name Candado		Well No. 24-A (dual)					
Csg. Size 5 1/2"	Wt. 15.5#	d	Set At 4682'	Perforations: From 4230' To 4534'			
Tbg. Size 1 1/2"	Wt. 2.9#	d	Set At 4458'	Perforations: From To		Unit E	Sec. 9
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 p		Mean Annual Temp. *F		State New Mexico	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run
FLOW DATA				TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. *F	Duration of Flow
SI							SI 7 days
1.	2"	X	3/4"				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		55	1.0137	1.000	1.000	689
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 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		
$P_c = 1135$ $P_c^2 = 1,288,225$ $NO. \quad P_r \quad P_w \quad P_r^2 \quad P_r^2 - P_w^2$ 1 3025 167 27,889 1,260,336 2 3 4 5							
$(1) \frac{P_c^2}{P_r^2 - P_w^2} = 1.0221$ $(2) \left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^n = 1.0166$ $AOI^* = Q \left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^n = 700$							
Absolute Open Flow 700 Mcfd @ 15.025				Angle of Slope 75		Slope 75	
Remarks:							
Approved By Commission		Conducted By		Calculated By		Checked By	
		Crum		Crum			