

2-CCC, Aztec, N.M.

1-B

1-NCRA

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

1-F

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 4/9/79	
Company Bolin Oil Company				Connection NC			
Pool Blanco				Formation Mesaverde			
Completion Date 3/26/79		Total Depth 5280' KB		Plug Back TD 5180' KB		Elevation 6566' GL	
Crg. Size 5 1/2"		WI. 15.50#		Set At 5232'		Perforations: From To	
Tbg. Size 1 1/2"		WI. 2.75#		Set At 5085'		Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. - multiple						Packer Set At 3835' KB	
Producing Thru Tbg.		Reservoir Temp. °F 		Mean Annual Temp. °F 		Baro. Press. - P _a	
G.L. 		H 		Gg 		% CO ₂ % N ₂ % H ₂ S Prover	
Meter Run 		Taps 		County Rio Arriba			
State New Mexico				Well No. 21-A			
Unit P				Sec. 4			
Twp. 26N				Rge. 7W			

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.	
SI							1023#			
1.	2"	X	3/4"				60#	53		
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	12.3650		72	1.0068	1.000	1.000	896
2.							
3.							
4.							
5.							

NO.	P _i	Temp. °R	T _f	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	

NO.	P _i	P _w	I _w ²	P _e ² - P _w ²	(1) $\frac{P_e^2}{P_e^2 - I_w^2} = 1.0508$	(2) $\left[\frac{P_e^2}{P_e^2 - I_w^2} \right]^n = 1.0379$
1	5184	227	51731	1019494		
2						
3						
4						
5						

Absolute Open Flow _____ 930 _____ Mcfd @ 15.025		Angle of Slope _____	
Remarks: _____			

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