

2-000, Aztec, N.M.

1-B

1-NCRA

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 4/9/79	
Company Bolin Oil Company		Connection NC	
Pool Blanco		Formation Mesaverde	
Completion Date 3/23/79	Total Depth 5350' KB	Plug Back TD 5289' KB	Elevation 6643' GL
Farm or Lease Name Candado		Well No. 21	
Crg. Size 5 1/2"	Wt. 15.50#	Set At 5330'	Perforations: From 5058' To 5244'
Tbg. Size 1 1/2"	Wt. 2.75	Set At 5215'	Perforations: From To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. - multiple		Packer Set At 4034'	County Rio Arriba
Producing Thru Tbg.	Reservoir Temp. °F 6	Mean Annual Temp. °F	Baro. Press. - P _a
State New Mexico			
G.L. 5.50	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							1040#				SI 7 days
1.	2"	X	3/4"				65#	52			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		77	1.0078	1.000	1.000	960
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 1052 P _c ² 1106704	(1) $\frac{P_c^2}{P_r^2 - P_w^2} = 1.0579$	(2) $\left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^n = 1.0431$
NO. P _r ² P _w P _w ² P _r ² - P _w ²		
1 5929 246 60611 1046093		
2		
3		
4		
5		

Absolute Open Flow _____ 1,001 _____ Mcfd @ 15.025		Angle of Slope @ _____ Slope, n .75	
Remarks: _____			

Approved by Commission:	Conducted by: Crum	Calculated by: Crum	Checked by:
-------------------------	-----------------------	------------------------	-------------