

✓-OCC, 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 4/4/79	
Company Bolin Oil Company						Location NC					
Pool Otero						Chacra					
Completion Date 3/28/79				Total Depth 5325' KB		Perforations 5270' KB		Elevation 6651' GL		Farm or Lease Name Candado	
Csg. Size 5 1/2"		Wt. 15.50#		Set At 5317' KB		Perforations From 3744' To 3832'		Well No. 22-A			
Tbg. Size 1 1/4"		Wt. 2.30#		Set At 3795' KB		Perforations From To		Unit D 4 26N 7W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. - multiple								Packer Set At 3845' KB		County Rio Arriba	
Producing Thru Tbg.		Reservoir Temp. °F @		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							1001#		1001#		SI 7 days
1.	2"	X	3/4"				103#	49	608#		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 _{sp}	°Rate of Flow Q, Mcfd
1	12.3650		115	1.0108	1.000	1.000	1.437
2.							
3.							
4.							
5.							

NO.	P _t	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

NO.	P _c	P _w	P _c ²	P _w ²	P _c ² - P _w ²
1	13225	710	504100	522069	
2.					
3.					
4.					
5.					

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.9656$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.6600$

Adjusted $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2,385$

RECEIVED

APR 17 1979

CON. COM.

SLIP 35

Absolute Open Flow	2,385	Mcf/d @ 15.025	Angle of Slope @	Slope
Remarks:				

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