- 2-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: [X] Initial [ ] Annual [ ] Special				Test Date: 3/22/80	
Company: Bolin Oil Company		Connection: not connected			
Pool: Blanco		Formation: Mesaverde		Unit	
Completion Date: 3/15/80	Total Depth: 4705' KB		Plug Back TD: 4655' KB	Elevation: 6060' GL	Farm or Lease Name: Candado
Csg. Size: 5 1/2" / Wt.: 15.5# / d: / Set At: 4703'	Perforations: From 4478' To 4553'				Well No.: 23 (dual)
Tbg. Size: 1 1/2" / Wt.: 2.9# / d: 1.900 / Set At: 4525'	Perforations: From To				Unit: B / Sec.: 9 / Twp.: 26N / Rge.: 7W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: G. G. Miltiple			Packer Set At: 3268'		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_2S	Prover	Meter Run	Taps
		.650						

	FLOW DATA				TUBING DATA		CASING DATA		
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	Duration of Flow
SI						1008#				7 days
1.	2"	X 3/4"				22#				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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		34	1.0108	1.000	1.000	425
2.							
3.							
4.							
5.							

NO.	P_r	Temp. °R	T_r	Z
1				
2.				
3.				
4.				
5				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 1020 P_c^2 1,040,400

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	1156	103	10,609	1029791
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0103$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0077$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 428$

Absolute Open Flow 428 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	F. P. Crum, Jr.	F. P. Crum, Jr.	