2-OCC, Aztec, N.M.
1-B
1-F
1-EPNG

NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: XX Initial ☐ Annual ☐ Special				Test Date: 10/27/76	
Company: Bolin Oil Company		Connection: none			
Pool: Otera Chacra		Formation: Chacra		Unit	
Completion Date: 10/27/76	Total Depth: 5150'		Plug Back TD: 5087'	Elevation: 6457' GL	Farm or Lease Name: Candado
Csg. Size: 5½" / Wt.: 15.5 / d: 4.950 / Set At: 5142'			Perforations: From 3480' To 3588'		Well No.: 16
Tbg. Size: 1¼" / Wt.: 2.40 / d: / Set At: 3582'			Perforations: From 3576' To 3480'		Unit: A / Sec.: 25 / Twp.: 26N / Rge.: 7W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: G.G. - Multiple			Packer Set At: 3630' 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_2S	Prover	Meter Run	Taps

FLOW DATA / TUBING DATA / CASING DATA

NO.	Prover Line Size	X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Tubing Press. p.s.i.g.	Tubing Temp. °F	Casing Press. p.s.i.g.	Casing Temp. °F	Duration of Flow
SI						948#	65	951#		SI 7 days
1.	2"	3/4"				24#	43	270		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		36				445
2.							
3.							
4.							
5.							

RECEIVED NOV 12 1976 OIL CON. COM. DIST. 3

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 _____ P_c^2 _____

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1			(36)2	
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} \frac{960}{-1296} = \frac{921.600}{}$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.00105$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 445$

Absolute Open Flow 445 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By: