

✓ 2-OCC, Aztec N.M.

1-EPNG

1-B

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 12/8/76	
Company Bolin Oil Company					not connected						
Pool So. Blanco					Pictured Cliffs					Unit	
Completion Date 11/23/76			Total Depth 5175'		Perforations 3623'		Elevation 6489' GL		Farm or Lease Name Candado		
Csg. Size 5.500	Wt. 15.5	d 4.950	Set At 5175'	Perforations: From 2606' To 2628'				Well No. 16 A			
Tbg. Size 1"	Wt. 1.8	d 1.049	Set At 2617'	Perforations: From Open end To				Unit I	Sec. 25	Twp. 26N	Rge. 7W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. - Multiple							Packer Set At 2675'		County Rio Arriba		
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico			
L	H	G _g .650 est.	% CO ₂	% N ₂	% H ₂ S	Prover		Meter Run		Days	

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							790		792		7 day S.I.
1.	2"		3/4	24		41					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		36	1.0188	.9608	1.0000	436
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	

P _c 804	P _c ² 646416		
NO.	P _t ²	P _w	R _w ²
1	1296	239	57309
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.0973$$

$$\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 472$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0821$$

Absolute Open Flow	472	Mcf/d @ 15.025	Angle of Slope θ	Slope, n .85
Remarks:				
Approved By Commission:				
Conducted By:		Calculated By:		Checked By: