

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 2/17/77			
Company Bolin Oil Company				Connection NC					
Pool Blanco				Formation Mesaverde				Unit	
Completion Date 2/10/77		Total Depth 5306' KB		Plug Back TD 5285' KB		Elevation 6624' GL		Farm or Lease Name Candado	
Csg. Size 5.5	Wt. 15.5	d	Set At 5305'	Perforations: From 5117' To 5178'		Well No. 17			
Tbg. Size 1 1/2"	Wt. 2.90	d	Set At 5147'	Perforations: From To		Unit Sec. Twp. Rge. A 10 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							1018				7 days
1.	2"		3/4"				117	51			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		129	1.0088	1.0000	1.0000	1609
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 1030	P _c ² 1060900					
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1314$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0970$
1	16641	351	123201	937699		
2						
3						
4						
5						

Absolute Open Flow 1765 Mcfd @ 15.025		Angle of Slope θ 1077	
Remarks:		Slope 0.75	

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