

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-18-65

Type Test ☒ Initial ☐ Annual ☐ Special Test Date 2-2-79					
Company AMOCO PRODUCTION COMPANY				Connection	
Pool BLANCO				Formation PICTURED CLIFF	
Completion Date 1/23/79		Total Depth 3100		Elevation 5785	
Csg. Size 4.50		Set At 3100		Perforations: From 2570 To 2648	
Tub. Size 2.375		Set At 2652		Perforations: From Open To Ended	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tubing		Reservoir Temp. °F 8		Baro. Press. - P _a New Mexico	
L		H		G _g .65	
				% 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.	
SI	8 Day						621		621	
1.	2.375		.750				232	60	395	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	12.365		244	1.000	0.9608	1.024	2968
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _c	P _w	P _w ²	P _c ² - P _w ²
1	633	407	165649	235040
2.				
3.				
4.				
5.				

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.7048$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4671$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.5737$$

Absolute Open Flow 4671	Mcf @ 15.025	Angle of Slope θ _____	Slope, n .85
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FEB 18 1979
 OIL CON. COM.
 DIST. 3
 R. A. Conner

Approved By Commission	Conducted By R. A. Conner	Calculated By R. A. Conner	Checked By J. L. Krupka
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