

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 5/4/81			
Company Amoco Production Company				Connection NWPL					
Pool Gonzales				Formation Mesaverde				Unit	
Completion Date 4-21-81		Total Depth 5390		Plug Back TD 5311		Elevation 6583		Farm or Lease Name Jicarilla Con. 155	
Csg. Size 5.500	Wt. 14	d 5.012	Set At 5390	Perforations: From 5060 To 5236			Well No. 29		
Tbg. Size 2.378	Wt. 4.7	d 1.995	Set At 5254	Perforations: From open To ended			Unit Sec. Twp. Rge. F 32 26N 5W		
Type Well - Single - Bradenhead - G.C. or G.C. Multiple Dual				Packer Set At 4050		County Rio Arriba			
Producing Thru tubing L		Reservoir Temp. °F θ		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	31 days						910		-		
1.	2.375		.750				177		-		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	12.375		189	1.000	.9608	1.020	2290
2.							
3.							
4.							
5.							

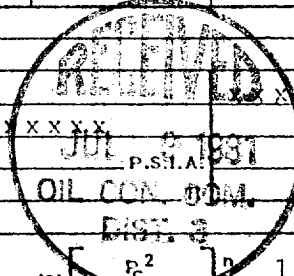
NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____
3.					Specific Gravity Flowing Fluid _____
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ R

P _c 910	P _c ² 828100			
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1		367	134689	693411
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1942$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1424$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2616$



Absolute Open Flow _____ 2616 _____ Mcfd @ 15.025	Angle of Slope θ _____	Slope, n _____ .75
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Remarks: Med. oil flow

Approved By Commission	Conducted By JJB	Calculated By J. J. Barnett	Checked By 
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