

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 6/4/81	
Company Amoco Production Company				Connection NWPL		
Pool Gonzales				Formation Mesaverde		Unit
Completion Date 5/4/81		Total Depth 5395		Plug Back TD 5359		Elevation 6594
Farm or Lease Name Jicarilla Contract 155						
Csg. Size 5.500	Wt. 14	d 5.012	Set At 5395	Perforations: From 5100 To 5248		Well No. 28
Tbg. Size 2.063	Wt. 3.25	d 1.751	Set At 5249	Perforations: From open To ended		Unit Sec. Twp. Rge. D 31 26N 5W
Type Well - Single - Broadhead - G.G. or G.O. Multiple Dual				Packer Set At 4052		County Rio Arriba
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		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
1.	31 days						972		-		3 hrs.
1.	2.375		.750				71		-		
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	12.365		83	1.000	.9608	1.007	993
2.							
3.							
4.							
5.							

NO.	P _r	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 _____
3.					Specific Gravity Flowing Fluid _____
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ R

P _c 984	P _c ² 968256	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0472$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0352$
NO.	P _w	P _w ²	P _c ² - P _w ²
1	209	43681	924575
2			
3			
4			
5			

Absolute Open Flow 1028 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
Remarks: Heavy oil flow			
Approved by Commission	Conducted By: JJB	Calculated By: J. J. Barnett	Checked By: