

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

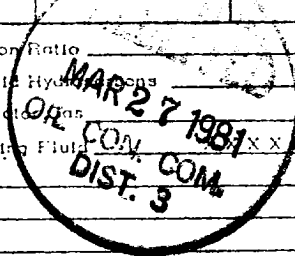
Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☒ Special						Test Date 3/12/81			
Company Amoco Production Company				Connection Not dedicated					
Pool Gonzales <i>Otero</i>				Formation Chacra				Unit	
Completion Date 2/20/81		Total Depth 5651		Plug Back TD 5135		Elevation 6918		Farm or Lease Name Jicarilla Contract 148	
Csg. Size 5.500	Wt. 17	d 4.892	Set At	Perforations: From 4055 To 4092		Well No. 22			
Trg. Size 2.375	Wt. 4.7	d 1.995	Set At 4090	Perforations: From open To ended		Unit M		Sec. 13	Twp. 25N
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single						Packer Set At		County Rio Arriba	
Producing Thru tubing		Reservoir Temp. *F A		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	7 days						846		846		
1.	2.375		.750				34		200.		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, Mcf/d
1	2.265		46	1.000	.9898	1.005	549
2.							
3.							
4.							
5.							

NO.	P _t	Temp. *R	T _r	Z	Gas Liquid Hydrocarbon Ratio A.P.I. Gravity of Liquid Hydrocarbon Specific Gravity Separated Gas Specific Gravity Flowing Fluid	Mcf/bbl. Deg. P.S.I.A. R
1.						XXXXXX
2.						
3.						
4.						
5.						



P _c 858	P _c ² 736164	
NO.	P _t	P _w
1		212
2		
3		
4		
5		

$$(1) \frac{P_c^2}{P_t^2 - P_w^2} = 1.0650$$

$$AOF = Q \left[\frac{P_c^2}{P_t^2 - P_w^2} \right]^n = 576$$

$$(2) \left[\frac{P_c^2}{P_t^2 - P_w^2} \right]^n = 1.0484$$

Absolute Open Flow	576	Mcf/d @ 15.025	Angle of Slope θ	Slope, n .75
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Remarks: X heavy H₂O

Approved By Commission:	Conducted By: JJB	Calculated By: J. J. BARNETT	Checked By:
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