

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 El Paso Natural Gas Company			
Pool Otero				Formation Chacra		Unit	
Completion Date 2/23/81		Total Depth 5355		Plug Back TD 5325		Elevation 6572	
Farm or Lease Name Jicarilla Contract]55							
Csg. Size 5.500	Wt. 15.5	d 4.950	Set At 5355	Perforations: From 3813 To 3888		Well No. 25	
Tbg. Size 1.660	Wt. 2.4	d 1.380	Set At 3890	Perforations: From open To ended		Unit Sec. Twp. Ryo. 0 30 26N 5W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple dual				Packer Set At 4100		County Rio Arriba	
Producing Thru tbg		Reservoir Temp. °F ρ		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	
SI	7 days						836		856		
1.	2.375		.750				48		346		3 hrs.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hours)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcf/d
1	12.365		60	1.000	.9608	1.005	716
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 _____ XXXXX XXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 868	P _c ² 753424	$\frac{P_c^2}{P_c^2 - P_w^2} = 1.2050$		$\left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n = 1.1501$	
NO.	P _r	P _w	P _w ²	P _c ² - P _w ²	
1		358	128164	625260	
2					
3					
4					
5					

Absolute Open Flow _____ 823		Angle of Slope θ _____		Slope, n .75	
Remarks: Med. spray H ₂ O					

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