

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

Form C-172
 Revised 9-1965

Type Test ☒ Initial ☐ Annual ☒ Special						Test Date 11-18-80	
Company Amoco Production Company				Connection El Paso Natural Gas Company			
Pool Basin				Formation Dakota		Unit	
Completion Date 11-5-80		Total Depth 6002		Plug Back TD 5968		Elevation 5303	
Csg. Size 4.500		Wt. 10.5		d 4.052		Set At 6000	
Perforations: From 5760		To 5858		Well No. 173E			
Trq. Size 2.375		Wt. 4.7		d 1.995		Set At 5863	
Perforations: From Open		To End		Unit E		Sec. Twp. Hgt. 29 29N 12W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None	
Producing Thru Tubing		Reservoir Temp. °F P		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.	
SI	13 days		none				1180		1244	
1.										
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.							
2.							
3.							
4.							
5.							

NO.	P _f	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 _____ XXXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _f	P _w	P _c ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1.						
2.						
3.						
4.						
5.						

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

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OIL CON. COM.

DIST. 3

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope θ _____	Slope m _____ .75
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Remarks: First delivery down line, no calculation of potential

Approved by Commission:	Conducted By: J. J. Barnett	Calculated By: J. J. Barnett	Checked By: W. L. Peterson
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