

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

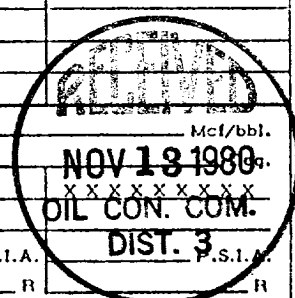
Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☒ Special						Test Date 10-23-80			
Company Amoco Production Company				Connection El Paso Natural Gas Company					
Pool Basin				Formation Dakota				Unit	
Completion Date 9-18-80		Total Depth 6224		Plug Back TD 6179		Elevation 5462		Farm or Lease Name Gallagos Canyon Unit "B"	
Csg. Size 4.500	Wt. 16.50	d 4.052	Set At 6224	Perforations: From 5946 To 6074		Well No. 143 E			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6074	Perforations: From open To ended		Unit Sec. Twp. Rge. M 25 29N 12W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County San Juan	
Producing Thru tubing		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.	
SI	29 days						943		944	
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 _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	
2.					Specific Gravity Separator Gas	
3.					Specific Gravity Flowing Fluid	XXXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R



NOV 18 1980
OIL CON. COM.
DIST. 3

NO.	P _c	P _c ²	P _w	P _w ²	P _c ² - P _w ²
1.					
2.					
3.					
4.					
5.					

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

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

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

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope θ _____	Slope, n _____
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Remarks: **Did not potential well because of housing in area.**

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