

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test		☒ Initial		☐ Annual		☒ Special		Test Date		9-16-85					
Company				Amoco Production Co.				Connection				El Paso Natural Gas Co.			
Pool				Basin				Formation				Dakota			
Completion Date				Total Depth				Plug Back TD				Elevation			
				6114				6072				5480 GL			
Farm or Lease Name				Gallegos Canyon Unit											
Ceq. Size		Wt.		d		Set At		Perforations		Well No.					
7.000		23		6.366		6114		From 5856 To 5950		214 E					
Thq. Size		Wt.		d		Set At		Perforations		Unit Sec. Twp. Rge.					
2.375		4.7		1.995		5966		From open To ended		L 16 28 12					
Type Well - Single - Brdenhead - G.C. or G.O. Multiple								Packer Set At		County					
Dual								5708		San Juan					
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a		State		New Mexico					
Tubing															
L		H		G _g		% 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	16 days						630		X		
1.							175		X		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 Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		187	1.000	.9258	1.022	2188
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	XXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

NO.	P _c	P _w	P _r	P _c ² - P _w ²
1	642	382	412164	266240
2.				
3.				
4.				
5.				

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

NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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NO.	P _c ²	P _w ²	P _r ²	P _c ² - P _w ²
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