

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS

RECEIVED
FEB 14 1985
OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 2/5/85	
Company Amoco Production Company				Connection El Paso Natural Gas Company	
Pool Basin				Formation Dakota	
Completion Date 1/22/85		Total Depth 6110		Plug Back TD 6064	
				Elevation 5739 GR	
Farm or Lease Name Gallegos Canyon Unit					
Csq. Size 7.000	Wt. 23	d 6.366	Set At 6110	Perforations: From 5900 To 5998	
Trq. Size 2.375	Wt. 47	d 1.995	Set At 6013	Perforations: From open To ended	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single				Packer Set At None	
Producing Thru tubing		Reservoir Temp. °F 0		Baro. Press. - P _a	
L		H		State New Mexico	
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	11 days						1570		1740	
1.	2.375	.750					170		978	
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	12.365		182	1.000	.9258	1.021	2127
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 _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 1752	P _c ² 3069504	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.4691$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3344$
NO.	P _t ²	P _w	P _w ²
1		990	980100
2			
3			
4			
5			

Absolute Open Flow 2834		Mcf/d @ 15.025		Angle of Slope θ _____		Slope, n .75	
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Remarks: flared, x heavy H₂O, lite oil

Approved By Division	Conducted By: J.J. Barnett	Calculated By: J.J. Barnett	Checked By: [Signature]
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