

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL 4-27-85

Type Test ☒ Initial ☐ Annual ☒ Special						Test Date 5-7-85			
Company Amoco Production Co.				Connection El Paso Natural Gas Co.					
Pool Basin				Formation Dakota				Unit	
Completion Date 4-26-85		Total Depth 5912		Plug Back TD 5867		Elevation 5296GL		Farm or Lease Name Gallegos Canyon Unit	
Csq. Size 4.500	Wt. 11.6	d 4.000	Set At 5912	Perforations: From 5690 To 5808		Well No. 262E			
Thg. Size 2375	Wt. 4.7	d 1.995	Set At 5803	Perforations: From Open To Ended		Unit Sec. Twp. Rye. P 24 29 13			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	G _q	% 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	10 days						1010		1165	
1.	2.375		.750				125		421	3hrs
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		137	1.000	.9258	1.016	1593
2.							
3.							
4.							
5.							

RECEIVED

NO.	R _t	Temp. MAY 20 1985	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.	
1.		OIL CON. DIV. DIST. 3		A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.	
2.				Specific Gravity Separator Gas _____ XXXXXXXXXX	
3.				Specific Gravity Flowing Fluid _____ XXXXX	
4.				Critical Pressure _____ P.S.I.A. _____ P.S.I.A.	
5.				Critical Temperature _____ R _____ R	

NO.	P _i ²	P _w ²	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1565$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1152$
1		433	187489	1197840		
2						
3						
4						
5						

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1777$

Absolute Open Flow 1777 Mcfd @ 15.025

Angle of Slope @ _____ Slope, n 75

Remarks: Flared, lite condensate, lite H₂O

Approved By Division	Conducted By: Joe Elledge	Calculated By: J. J. Barnett	Checked By:
----------------------	------------------------------	---------------------------------	-------------