

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 06 23 80			
Company AMOCO PRODUCTION CO.				Connection EL PASO NATURAL GAS CO.					
Pool BASIN				Formation DAKOTA				Unit	
Completion Date 05 20 80		Total Depth 6471		Plug Back TD 6402		Elevation 5851GL		Farm or Lease Name GALLEGOS CANYON UNIT	
Csg. Size 4.500	Wt. 11.6	d 4.000	Set At 6471	Perforations: From 6298 To 6334		Well No. 242E			
Thg. Size 2.375	Wt. 4.7	d 1.995	Set At 6345	Perforations: From open To ended		Unit Sec. Twp. Rge. K 24 28N 12W			
Type Well - Single - Brdenhead - G.G. or G.O. Multiple SINGLE						Packer Set At NONE		County SAN JUAN	
Producing Thru TUBING		Reservoir Temp. °F 9		Mean Annual Temp. °F		Baro. Press. - P _a		State NEW M EXICO	
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.	Temp. °F	
SI	11Days						370		625		3 hrs
1.	2.375		.750				22		350		
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		34	1.000	.9258	1.004	391
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 _____
3.					Specific Gravity Flowing Fluid _____
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ R

P _c 637	P _c ² 405769	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.4770}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.3398}$
NO	P _t ²	P _w	P _w ²
1		362	131044
2			274725
3			
4			
5			

Absolute Open Flow 524 _____ Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75 _____
Remarks: _____			
Approved By Commission:	Conducted By: JJB	Calculated By: J J BARNETT	Checked By: R A DOWNEY