

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 07 16 80	
Company Amoco Production Co.				Connection El Paso Natural Gas		
Pool Basin				Formation Dakota		Unit
Completion Date 06 27 80		Total Depth 6247		Plug Back TD 6219		Elevation 5678 GL
Farm or Lease Name GALLEGOS CANYON UNIT						
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6247	Perforations: From 6012 To 6130		Well No. 196E
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6142	Perforations: From open To ended		Unit Sec. Twp. Rge. D 19 28N 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 8		Mean Annual Temp. °F		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	13 days						925		925	
1.	2.375	.750					27		270	
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		39	1.000	.9258	1.006	449
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 _____
2.					Specific Gravity Separator Gas _____
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ R

P _c 937	P _c ² 877969	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.0996}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.0738}$
NO.	P _w	P _w ²	P _c ² - P _w ²
1	282	79524	798445
2			
3			
4			
5			

Absolute Open Flow 482 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
-------------------------	-----------------------------	--------------------------------------	------------------------------------