

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 23 80				
Company AMOCO PRODUCTION COMPANY				Connection EL PASO NATURAL GAS CO.					
Pool BASIN				Formation DAKOTA				Unit	
Completion Date 07 07 80		Total Depth 6351		Plug Back TD 6310		Elevation 5661 GL		Farm or Lease Name GALLEGOS CANYON UNIT	
Csg. Size 4.500	Wt. 10.50	d 4.052	Set At 6351	Perforations: From 6078 To 6198		Well No. 221E			
Thq. Size 4.500	Wt. 4.7	d 1.995	Set At 6199	Perforations: From open To ended		Unit Sec. Twp. Rge. P 31 29N 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		Baro. Press. - P _a		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.	Temp. °F	
SI	11 days						1484		1470		3 hrs
1.	2.375 .750						111		604		
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		123	1.000	.9258	1.014	1428
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 X X X
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ R

P _c 1496	P _c ² 2238016	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.2042}$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.1495}$	
NO.	P _w	P _w ²	P _c ² - P _w ²		
1	616	379456	1858560		
2					
3					
4					
5					

Absolute Open Flow 1642 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	