

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 5-29-81	
Company Amoco Production Company				Connection Northwest Pipeline Corporation			
Pool Otero				Formation Chacra		Unit	
Completion Date 3-22-81		Total Depth 5300		Plug Back TD 5253		Elevation 6513	
Farm or Lease Name Jicarilla Contract 155		Well No. 27		Unit J 32 26N 5W		Sec. Twp. Rge.	
Csg. Size 5.500		Wt. 14		Set At 5300		Perforations: From 3675 To 3791	
Tbg. Size 1-1/4		Wt. 2.33		Set At 3807		Perforations: From open To ended	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Dual						Packer Set At 3880	
Producing Thru Tubing		Reservoir Temp. °F θ		Mean Annual Temp. °F		Baro. Press. - P _a 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	62 Days						878		878	
1.	2.375		.750				72		772	
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		84	1.000	.9608	1.007	1005
2.							
3.							
4.							
5.							

NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbon	Deq.
2.					Specific Gravity Separation	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

RECEIVED
SEP 18 1981
OIL CON. COM.
DIST. 3

P_c 890 P_c² 792100

NO.	P _f ²	P _w	P _w ²	P _c ² - P _w ²
1		784	614656	177444
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 4639$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3.0711$
 AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3086$

Absolute Open Flow 3086 Mcfd @ 15.025		Angle of Slope θ Slope, n 75	
Remarks:			
Approved By Commission	Conducted By: JJB	Calculated By: JJ Barnet	Checked By: