

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form G-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☒ Special						Test Date 3/9/81			
Company Amoco Production Co.				Connection Northwest Pipeline Corp.					
Pool Basin				Formation Dakota				Unit	
Completion Date 12/19/80		Total Depth 7561		Plug Back TD 7475		Elevation 6681		Farm or Lease Name Jicarilla Contract 155	
Csg. Size 7.000	Wt. 23	d 6.366	Set At 7561	Perforations: From 7238 To 7435		Well No. 16E			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 7383	Perforations: From open To ended		Unit G	Sec. 30	Twp. 26N	Hq. 5W
Type Well - Single - Brodenhead - G.G. or G.O. Multiple Dual						Packer Set At 7205		County Rio Arriba	
Producing Thru tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	G _g .700	% 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	14 days						1299				
1.	2.375		.750				95	60°	231		3 hrs
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		107	1.000	.9258	1.012	1240
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	XXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 1311 P _c ² 1718721					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0320$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0239$
NO.	P _r	P _w	P _w ²	P _c ² - P _w ²		
1		231	53361	1665360		
2						
3						
4						
5						

Absolute Open Flow 1270			Mcf @ 15.025	Angle of Slope θ	Slope, n .75
Remarks:					

Approved by Commission	Conducted by R. A. CONNER	Calculated by R. A. CONNER	Checked by
------------------------	------------------------------	-------------------------------	------------