

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2088

Form C-122
Revised 10-1-78

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☐ Initial ☐ Annual ☐ Special				Test Date 8-13-85		RECEIVED SEP 08 1985	
Company Amoco Production Co.				Connection Northwest Pipeline Corp			
Well Basin				Formation Dakota		Unit	
Completion Date 3-5-85		Total Depth 7744		Plug Back TD 7502		Elevation 6853 GR	
Farm or Lease Name Jicarilla Contract 148							
Log. Size 1.500		Wt. 11.6		Set At 4.000		Well No. 18Y	
Log. Size 2.375		Wt. 4.7		Set At 1.995		Well No.	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple				Perforations: From 7290 To 7472		Unit Sec. Twp. Rge.	
Single				Perforations: From open To ended		E 23 25 5	
Packer Set At None				County Rio Arriba		State	
Producing Thru tubing				Baro. Press. - P _g		New Mexico	
L		H		Cg		Taps	
% CO ₂		% N ₂		% H ₂ S		Prover	
Meter Run		Taps					

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow
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.	
7 days						281		1442	
2.375	.750					158		506	3 hrs.

RATE OF FLOW CALCULATIONS						
Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
12.365		170	1.000	.9258	1.020	1985

R _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
				A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
				Specific Gravity Separator Gas _____ XXXXXXXXXX
				Specific Gravity Flowing Fluid _____ XXXXX
				Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
				Critical Temperature _____ R _____ R

1454	P _c ²	2114116		(1) $\frac{P_c^2}{P_e^2 - P_w^2} = 1.1454$	(2) $\left[\frac{P_c^2}{P_e^2 - P_w^2} \right]^n = 1.1072$
P _i ²	P _w	P _w ²	P _e ² - P _w ²		
	518	268324	1845792		

Absolute Open Flow 2198		Mcf @ 15.025		Angle of Slope θ _____		Slope, n .75	
Remarks: flared, lite H2O, lite condensate							
Approved By Division		Conducted By:		Calculated By:		Checked By:	