OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test: [XX] Initial [ ] Annual [ ] Special			Test Date: 03 17 80	
Company: AMOCO PRODUCTION COMPANY		Connection: NORTHWESTP PIPELINE CORP.		
Pool: BASIN		Formation: DAKOTA		Unit
Completion Date: 02 19 80	Total Depth: 7438	Plug Back TD: 7394	Elevation: 6603 GL	Farm or Lease Name: Jicarilla Contract 146
Csg. Size: 4.500 / Wt.: 11.6 / d: 4.000 / Set At: 7438		Perforations: From 7078 To 7267		Well No.: 19E
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 7276		Perforations: From open To ended		Unit: G / Sec.: 4 / Twp.: 25 / Rge.: 5
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: SINGLE		Packer Set At: NONE		County: Rio Arriba
Producing Thru: TUBING	Reservoir Temp. °F: e	Mean Annual Temp. °F	Baro. Press. – P_a	State: New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps

FLOW DATA / TUBING DATA / CASING DATA

NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Tubing Press. p.s.i.g.	Tubing Temp. °F	Casing Press. p.s.i.g.	Casing Temp. °F	Duration of Flow
SI	11 days						1425		1615		3 hrs
1.	2.375		.750				66		490		
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		78	1.000	.9258	1.009	901
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_f	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 1627 P_c^2 2647129

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		502	252004	2395125
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1052$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0779$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ _____

RECEIVED
APR 1 1980
OIL CON. COM.
DIST. 3

Absolute Open Flow 971 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

Approved By Division	Conducted By	Calculated By	Checked By
	JJB	J J BARNETT	B E FACKRELL