NEW MEXICO OIL CONSERVATION COMMISSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1965

Type Test: [X] Initial [ ] Annual [X] Special			Test Date: 4/29/81	
Company: Amoco Production Company		Connection: Northwest Pipeline Corp.		
Pool: B S Mesa		Formation: Gallup		Unit
Completion Date: 3/20/81	Total Depth: 8410	Plug Back TD: 8354	Elevation: 7196 GL	Farm or Lease Name: Jicarilla Apache 102
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.052 / Set At: 8410		Perforations: From 7308 To 7676		Well No.: 10E
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 8294		Perforations: From S Liding To sleeve		Unit: K / Sec.: 4 / Twp.: 26N / Rge.: 4W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Multiple (Commingled)		Packer Set At: 8011		County: Rio Arriba
Producing Thru: Tubing	Reservoir Temp. °F: θ	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	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI	12 days				612		700		
1.	2.375 .750				18		130		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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		.30	1.000	.9258	1.004	345
2.							
3.							
4.							
5.							

NO.	P_r	Temp. °R	T_r	Z
1.				
2.				
3.				
4.				
5.				

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

MAY 7 1981
OIL CON. COM.
DIST.

P_c 712 P_c^2 5069444

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1		142	20164	486780
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0414$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0309$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 356$

Absolute Open Flow 356 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: lite spray

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	JJB	J J BARNETT	