NEW MEXICO OIL CONSERVATION COMMISSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [x] Initial [ ] Annual [x] Special				Test Date: 9-3-81	
Company: Amoco Production Company			Connection: Northwest Pipeline Gas Company		
Pool: South Blanco			Formation: Pictured Cliffs		Unit
Completion Date: 8-18-81	Total Depth: 4274		Plug Back TD: 4228	Elevation: 7002 GL	Farm or Lease Name: Jicarilla Contract 148
Csg. Size: 5.500 / Wt.: 14 / d: 5.012 / Set At: 4274			Perforations: From 3234 To 3302		Well No.: 25
Tbg. Size: 1-1/4 / Wt.: 2.3 / d: 1.380 / Set At: 3304			Perforations: From open To ended		Unit: H / Sec.: 15 / Twp.: 25N / Rge.: 5W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Dual			Packer Set At: 3347		County: Rio Arriba
Producing Thru: Tubing	Reservoir Temp. °F	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	7 Days					442		442		
1.						76		367		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		88	1.000	.9608	1.008	1054
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 _____ XXXXXXXXX
Specific Gravity Flowing Fluid _____ XXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

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P_c 454 P_c^2 206116

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1		379	143641	62475
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.2992$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2.7583$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2907$

Absolute Open Flow 2907 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .85

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	J. J. Barnett	J. J. Barnett	