Submit in duplicate to appropriate district office.
See Rule 401 & Rule 1122

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

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Form C-122
Revised October, 1999

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator: LATIGO		Lease or Unit Name: BERETTA 14 ST	
Type Test: ☑ Initial ☐ Annual ☐ Special		Test Date: 12/14/2004	Well No.: 1
Completion Date: 10/28/2004	Total Depth: 12100	Plug Back TD: 11630	Elevation:	Unit Ltr - Sec - TWP - Rge: 14 23S 26E
Csg. Size: 5 1/2 / Wt.: 17 / d: 4.892 / Set At: 12100	Perforations: From: 11574 To: 11590	County: EDDY
Tbg. Size: 2 3/8 / Wt.: 4.7 / d: 1.995 / Set At: 11502	Perforations: From: To:	Pool:
Type Well-Single-Bradenhead-G.G. or G.O. Multiple: SINGLE	Packer Set At: 11502	Formation: MORROW
Producing Thru: TUBING	Reservoir Temp.: 181	Mean Annual Temp.: 60	Baro. Press.-P_a: 13.2	Connection: SALES

L	H	Gg	%CO_2	%N_2	%H_2S	Prover	Meter Run	Taps
11502	11502	0.7	9.838	6.931	N/A	N/A	4.026	FLG

	FLOW DATA				TUBING DATA		CASING DATA		
No.	Prover Line Size x Orifice Size	Press p.s.i.g.	Diff. h_w	Temp.	Press p.s.i.g.	Temp.	Press p.s.i.g.	Temp.	Duration of Flow
SI					3733		PKR		24 HRS
1	4.026 X 1.000	308.7	5.8	75	308.7		"		24 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							301
2							
3	TOTAL	FLOW	METER				
4							
5							

No.	P_r	Temp. R	T_r	Z
1				
2	TOTAL	FLOW	METER	
3				
4				
5				

Gas Liquid Hydrocarbon Ratio	DRY GAS	Mcf bbl.
A.P. I. Gravity of Liquid Hydrocarbons	DRY	Deg.
Specific Gravity Separator Gas	0.7	XXXXXXX
Specific Gravity Flowing Fluid	XXXXX	N/A
Critical Pressure	696 P.S.I.A.	N/A P.S.I.A.
Critical Temperature	359 R.	N/A R

P_c 3746.2 P_c^2 14034.8

No.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		314.9	99.2	13934.8
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ 1.007 (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 1.007

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 0.303

Absolute Open Flow	303	Mcfd @ 15.025	Angle of Slope (): 45	Slope, n: ,1.000

Remarks: NO LIQUID MADE DURING TEST.

Approved By Division:	Conducted By:	Calculated By:	Checked By:
	PRO WELL TESTING	MERV BUECKER	BM

LATIGO

BERETTA "14" ST. # 1