C15F

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: MEWBOURNE OIL					Lease or Unit Name: BALDRIDGE CANYON "6" ST.				
Type Test: ☑ Initial ☐ Annual ☐ Special					Test Date: 6/19/01			Well No.: 1	
Completion Date: 3/15/01		Total Depth: 11180		Plug Back TD: 10430			Elevation: 3926	Unit Ltr - Sec - TWP - Rge: P - 6 - 24S -25E	
Csg. Size: 5 1/2	Wt.: 17	d: 4.892	Set At: 11180	Perforations: From: 9464	To: 9484			County: EDDY	
Tbg. Size: 2 7/8	Wt.: 6.5	d: 2.441	Set At: 10415	Perforations: From:	To:			Pool: MOSLEY CANYON	
Type Well-Single-Bradenhead-G.G. or G.O. Multiple: SINGLE				Packer Set At: 9355				Formation: STRAWN	
Producing Thru: TUBBING	Reservoir Temp.°F	Mean Annual Temp. °F: 60		Baro. Press.-P_a: 13.2				Connection: SALES	

L	H	Gg	%CO_2	%N_2	%H_2S	Prover	Meter Run	Taps
10415	10415	0.702	0.569	0.829	N/A	N/A	3.068	FLG

	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					650	N/A	PKR	N/A	
1	3.068 X 1.00	200	12	68	70				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							300
2	TOTAL	FLOW	METER				
3							
4							
5							

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

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P. I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas 0.702 XXXXXXX
Specific Gravity Flowing Fluid XXXXX
Critical Pressure 671 P.S.I.A. _____ P.S.I.A.
Critical Temperature 388 R. _____ R

P_c 663.2 P_c^2 439.8

No.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	6.9	90.5	8.2	431.6
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ 1.019 (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 1.019

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 306

Absolute Open Flow: 306	Mcfd @ 15.025	Angle of Slope (): 45	Slope n: 1

Remarks: * NO MEASUREABLE LIQUID MADE DURING TEST.

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