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

30-015-31339

Form C-122
Revised October, 1999

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator	MEWBOURNE OIL CO.				Lease or Unit Name	BALDRIDGE "7" ST. COM.			
Type Test: ☑ Initial ☐ Annual ☐ Special					Test Date: 1/15/01	Well No.: 1			
Completion Date: 12/23/00	Total Depth: 11,300'			Plug Back TD: 11,215'		Elevation: 4045'	Unit Ltr - Sec - TWP - Rge: A-7-24S-25E		
Csg. Size: 5 1/2	Wt.: 17	d: 4.892	Set At: 11,300'	Perforations: From: 11121	To: 11152		County: EDDY		
Tbg. Size: 2 7/8	Wt.: 6.5	d: 2.441	Set At: 10616	Perforations: From:	To:		Pool: Baldridge Canyon Morrow		
Type Well-Single-Bradenhead-G.G. or G.O. Multiple: SINGLE				Packer Set At: 10616			Formation: MORROW		
Producing Thru: TUBING	Reservoir Temp.°F: 180.2		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
10616	10616	0.576	0.794	0.272	N/A	N/A	3.067	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					1460	N/A	PKR	N/A	
1	3.067 X .750	501	4	62	40				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							126
2	GAS	VOLUMES	FROM	TOTAL	FLOW	METER	
3							
4							
5							

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

Gas Liquid Hydrocarbon Ratio	N/A		Mcf/bbl.
A.P. I. Gravity of Liquid Hydrocarbons	N/A		Deg.
Specific Gravity Separator Gas	0.576		XXXXXXX
Specific Gravity Flowing Fluid	N/A	XXXXX	
Critical Pressure	675	P.S.I.A.	P.S.I.A.
Critical Temperature	342	R.	R

P_c 1473 P_c^2 2170.3

No.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	2.8	55	3	2167.3
2				
3				
4				
5				

(1) $\dfrac{P_c^2}{P_c^2 - P_w^2} =$ 1.001 (2) $\left[\dfrac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 1.001

AOF = Q $\left[\dfrac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 126

Absolute Open Flow	126	Mcfd @ 15.025	Angle of Slope ():	45	Slope n:	1
Remarks:	* NO LIQUID MADE DURING TEST. / WELL ON COMPRESSOR.					
Approved By Division:	Conducted By: PRO WELL TESTING	Calculated By: MERV BUECKER	Checked By: BM			