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

Form C-122
Revised October, 1999

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator	OXY USA				Lease or Unit Name	UNCLE BEN STATE			
Type Test: ☑ Initial ☐ Annual ☐ Special					Test Date: 9/14/01	Well No.: 1			
Completion Date: 4/25/01	Total Depth:			Plug Back TD:	Elevation:	Unit Ltr - Sec - TWP - Rge: K 21 20S 27E			
Csg. Size: 5 1/2	Wt.: 17	d: 4.892	Set At:	Perforations: From: 10423	To: 10628	County: EDDY			
Tbg. Size: 2 7/8	Wt.: 6.5	d: 2.441	Set At: 10394	Perforations: From:	To:	Pool: Avalon Strawn			
Type Well-Single-Bradenhead-G.G. or G.O. Multiple: SINGLE				Packer Set At: 10369		Formation: Strawn			
Producing Thru: TUBING	Reservoir Temp.°F: 177.9	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
10394	10394	0.698	0.615	1.737	N/A	N/A	2.067	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					2300	N/A	PKR	N/A	
1	2.067 X 1.000	50	23	76	200				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							
2							211
3	TOTAL	FLOW	METER				
4							
5							

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

P_c 2313.2 P_c2 5350.9

No.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	45.5	214.6	46.1	5304.8
2				
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	0.698		XXXXXXX
Specific Gravity Flowing Fluid	XXXXX		
Critical Pressure	671	P.S.I.A.	P.S.I.A.
Critical Temperature	383	R.	R

(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ 1.009 (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 1.009

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 0.213

Absolute Open Flow	0.213	Mcfd @ 15.025	Angle of Slope (): 45	Slope n: 1

Remarks:

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