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

RECEIVED
OCD - ARTESIA

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator: OXY USA		Lease or Unit Name: VIPER FED COM	
Type Test: ☑ Initial ☐ Annual ☐ Special		Test Date: 12/22/00	Well No.: 2
Completion Date: 12-3-00	Total Depth: 9270	Plug Back TD: 9226	Elevation:	Unit Ltr - Sec - TWP - Rge: 3 17S 27E
Csg. Size:	Wt.:	d:	Set At:	Perforations: From: 9021 To: 9093	County: EDDY
Tbg. Size: 2 3/8	Wt.: 4.7	d: 1.995	Set At: 8984	Perforations: From: To:	Pool: CROW Flats Morrow
Type Well-Single-Bradenhead-G.G. or G.O. Multiple: SINGLE		Packer Set At: 8984			Formation: Morrow
Producing Thru: TUBING	Reservoir Temp.°F: 148.1	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
8984	8984	0.66	1.708	0.363	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. °F	Press p.s.i.g.	Temp. °F	Press p.s.i.g.	Temp. °F	Duration of Flow
SI					1343	N/A	PKR	N/A	
1	4.026 X 1.250	376	1.2	60	1247				1 HR
2	4.026 X 1.250	377	4	72	932				1 HR
3	4.026 X 1.250	381	14.6	80	770				1 HR
4	4.026 X 1.250	382	22.3	80	585				1 HR
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							216
2	GAS VOLUMES	MEASURED	BY TOTAL		FLOW	METER	385
3							732
4							922
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	0.66		XXXXXXX
Specific Gravity Flowing Fluid	N/A	XXXXX	
Critical Pressure	625	P.S.I.A.	P.S.I.A.
Critical Temperature	373	R.	R

P_c 1350.1 P_c^2 1822.8

No.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		1177.7	1385.6	437.2
2		947.1	896.9	925.9
3		788.1	621.1	1201.7
4		629.6	396.4	1426.4
5				

(1) $\dfrac{P_c^2}{P_c^2 - P_w^2} = 1.27$ (2) $\left[\dfrac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.27$

$AOF = Q \left[\dfrac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1170.9$

Absolute Open Flow	1170.9	Mcfd @ 15.025	Angle of Slope ():	45	Slope n: 1

Remarks: CALCULATED FROM KNOWN BOTTOM HOLE PRESSURES. / NO LIQUID MADE DURRING TEST

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