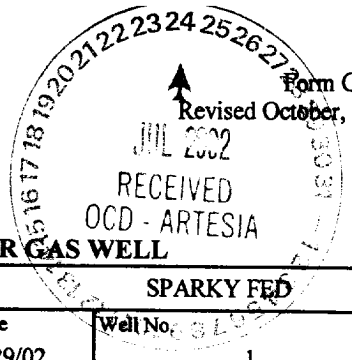
Submit in duplicate to appropriate district office.
See Rule 401 & Rule 1122

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				Lease or Unit Name			
OXY USA				SPARKY FED			
Type Test: ☑ Initial ☐ Annual ☐ Special				Test Date: 5/29/02		Well No.: 1	
Completion Date	Total Depth		Plug Back TD	Elevation		Unit Ltr - Sec - TWP - Rge: 28 17S 28E	
Csg. Size	Wt.	d	Set At	Perforations: From: 10116 To: 10134		County: EDDY	
Tbg. Size: 2 3/8	Wt.: 4.7	d: 1.995	Set At: 10051	Perforations: From: To:		Pool	
Type Well-Single-Bradenhead-G.G. or G.O. Multiple: SINGLE				Packer Set At: 10051		Formation	
Producing Thru: Tubing	Reservoir Temp.°F: 174		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
10051	10051	0.64	0.461	0.483	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					1345	N/A	PKR	N/A	
1	2.067 X 1.375	442	1.8	79	1336				1 HR
2	2.067 X 1.375	446	3.5	75	1335				1 HR
3	2.067 X 1.375	453	11.4	70	1321				1 HR
4	2.067 X 1.375	465	36	65	1269				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							379
2							546
3	TOTAL	FLOW	METER				828
4							1799
5							

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

P_c 1358.2 P_c^2 1844.7

No.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		1349.9	1822.1	22.6
2		1349.6	1821.4	23.3
3		1337.4	1788.7	56
4		1296.1	1684.9	159.8
5				

Gas Liquid Hydrocarbon Ratio: N/A Mcf/bbl.
A.P. I. Gravity of Liquid Hydrocarbons: N/A Deg.
Specific Gravity Separator Gas: 0.64 XXXXXXX
Specific Gravity Flowing Fluid: N/A XXXXX
Critical Pressure: 673 P.S.I.A. ____ P.S.I.A.
Critical Temperature: 368 R. ____ R

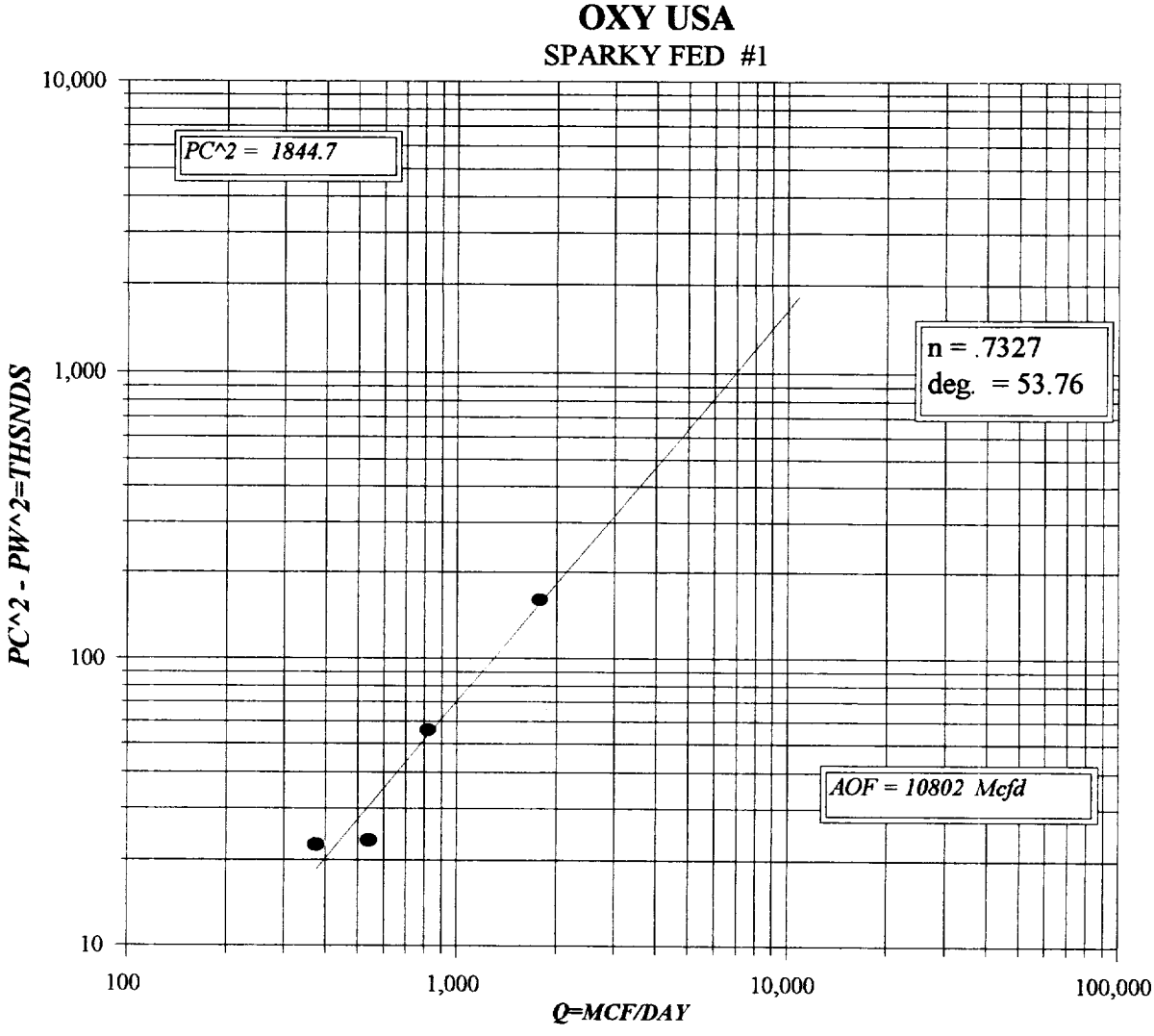
(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ 11.547 (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 6.004

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 10802

Absolute Open Flow: 10802 Mcfd @ 15.025 | Angle of Slope (): 53.76 | Slope n: 0.7327

Remarks: * NO LIQUID MADE DURING TEST.

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


OXY USA
SPARKY FED #1
PC^2 = 1844.7
n = .7327
deg. = 53.76
AOF = 10802 Mcfd
PC^2 - PW^2=THSNDS
Q=MCF/DAY
10,000
1,000
100
10
100
1,000
10,000
100,000