C1SF

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: SEETS ST.			
Type Test: ☑ Initial ☐ Annual ☐ Special						Test Date: 6/21/01		Well No.: 1	
Completion Date: 5/10/01		Total Depth: 10600		Plug Back TD: 10531		Elevation		Unit Ltr - Sec - TWP - Rge: F 36-23-24	
Csg. Size: 5 1/2	Wt.: 17	d: 4.892	Set At: 10600	Perforations: From: 10482	To: 10493			County: EDDY	
Tbg. Size: 2 7/8	Wt.: 6.5	d: 2.441	Set At: 10361	Perforations: From:	To:			Pool: Baldridge Canyon Morrow	
Type Well-Single-Bradenhead-G.G. or G.O. Multiple: SINGLE				Packer Set At: 10361				Formation: MORROW	
Producing Thru: TUBING	Reservoir Temp.°F: 178	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
10371	10371	0.577	0.933	0.39	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					1500	N/A	PKR	N/A	
1	4.026 X .500	618	1.6	101	1390				1 HR.
2	4.026 X .500	619	4.2	99	1355				1 HR.
3	4.026 X .500	627	12.9	96	1270				1 HR.
4	4.026 X .500	635	22.5	94	1120				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							
2	GAS	VOLUMES	FROM	TOTAL	FLOW	METER	55
3							78
4							131
5							205

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: 0.577 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 1766.9 P_c^2 3121.9

No.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		1683.8	2835.2	286.7
2		1643.7	2701.7	420.2
3		1554.4	2416.1	705.8
4		1483.5	2200.7	921.2
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ 3.38 (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 3.38

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 692

Absolute Open Flow: 692 Mcfd @ 15.025 Angle of Slope (): 45 Slope n: 1

Remarks: * CALCULATED FROM KNOWN BOTTOM HOLE PRESSURES. NO LIQUID MADE DURING TEST.

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