COMPANY :SANTA FE ENERGY LEASE AFT WELL NO. : 1

UNIT : SECTION : 13 TOWNSHIP :24

L : 10695 H : 10695 L/H : 1 G/GMIX : 0.758

XCO2 : 0.21 XN2 : 0.65 H2S : DATE :5/5/97

d : 2.441 Fr :0.010763 GH : 8106.8 RANGE : 28

VOL 1 : 238 PSIA 1 : 2243.2 RESV.TEMP 180.9

VOL 2 : PSIA 2 :

VOL 3 : PSIA 3 : SHUT-IN PR= 5513.2

VOL 4 : PSIA 4 :

PCR : 670

TCR : 407

	LINE	RATE 1		RATE 2		RATE 3		RATE 4	
		1ST	2ND	1ST	2ND	1ST	2ND	1ST	2ND
1	GM	0.238	0.238	0.000	0.000	0.000	0.000	0.000	0.000
2	TW	534	534	534	534	534	534	534	534
3	Ts	641.0	641.0	641.0	641.0	641.0	641.0	641.0	641.0
4	T	587.5	587.5	587.5	587.5	587.5	587.5	587.5	587.5
	PR (est)	3.35		0.00		0.00		0.00	
5	Z(est)	0.719	0.730	ERR	ERR	ERR	ERR	ERR	ERR
6	TZ	422.5	428.7	ERR	ERR	ERR	ERR	ERR	ERR
7	GH/TZ	19.188	18.909	ERR	ERR	ERR	ERR	ERR	ERR
8	eS	2.054	2.032	ERR	ERR	ERR	ERR	ERR	ERR
9	1-e-S	0.513	0.508	ERR	ERR	ERR	ERR	ERR	ERR
10	Pt	2243.2	2243.2	0.0	0.0	0.0	0.0	0.0	0.0
11	Pt2 /1000	5031.9	5031.9	0.0	0.0	0.0	0.0	0.0	0.0
12	Fr	0.010763	0.010763	0.010763	0.010763	0.010763	0.010763	0.010763	0.0107631
13	Fc=FrTZ	4.547	4.614	ERR	ERR	ERR	ERR	ERR	ERR
14	Fc2m	1.08	1.10	ERR	ERR	ERR	ERR	ERR	ERR
15	[illegible]	1.2	1.2	ERR	ERR	ERR	ERR	ERR	ERR
16	Fw	0.600898	0.612595	ERR	ERR	ERR	ERR	ERR	ERR
17	Pw2	5032.5	5032.6	ERR	ERR	ERR	ERR	ERR	ERR
18	Ps2	10334.5	10226.9	ERR	ERR	ERR	ERR	ERR	ERR
19	Ps	3214.7	3198.0	ERR	ERR	ERR	ERR	ERR	ERR
20	P	2729.0	2720.6	ERR	ERR	ERR	ERR	ERR	ERR
21	Pr	4.07	4.06	ERR	ERR	ERR	ERR	ERR	ERR
22	Tr	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44
23	Z	0.730	0.729	ERR	ERR	ERR	ERR	ERR	ERR

Pc = 5513.2 Pc2 = 30395.4

Pt2 = 5031.9 Pw = 2243.3

0.0 ERR

0.0 ERR

0.0 ERR

Pc2-Pw2= ****** Pw2 = 5032.6

ERR ERR

ERR ERR

ERR ERR

n = 1.000

Pc2/(Pc2-Pw2) = 1.198

ERR

ERR

ERR

[Pc2/Pc2-Pw2]n = 1.198

ERR

ERR

ERR

AOF= Q 0.285

ERR

ERR

ERR

FORM C122-D