

COMPANY :SANTA FE ENERGY		LEASE :GAUCHO		WELL NO. : 2		Pc = 5413.2		Pc2 = 29302.7	
UNIT :		SECTION :		TOWNSHIP :					
L :	11524	H :	11524	L/H :	1 G/6MIX	0.613		Pt2 =	5263.3
%CO2 :	0.54	XN2 :	0.28	H2S :	DATE :6/18/97				4854.0
d :	1.995	Fr :	0.018231	GH :	7064.2				4365.3
									3509.1
VOL 1 :	152	PSIA 1 :	5263.2	RESV.TEMP		189.2		Pc2-Pw2=	1600.5
VOL 2 :	432	PSIA 2 :	4853.2						5741.4
VOL 3 :	683	PSIA 3 :	4363.2	SHUT-IN PR=		5413.2			19056.1
VOL 4 :	1066	PSIA 4 :	3503.2						12313.9
PCR : 674								n =	0.823
TCR : 354								Pc2/(Pc2-Pw2) =	
									18.309
LINE	RATE 1		RATE 2		RATE 3		RATE 4		5.104
	1ST	2ND	1ST	2ND	1ST	2ND	1ST	2ND	2.860
									1.725
1	QM	0.152	0.152	0.432	0.432	0.683	0.683	1.066	1.066
2	TW	534	534	534	534	534	534	534	534
3	Ts	649.2	649.2	649.2	649.2	649.2	649.2	649.2	649.2
4	T	591.6	591.6	591.6	591.6	591.6	591.6	591.6	591.6
PR (est)	7.81		7.20		6.47		5.20		
5	Z(est)	0.979	1.034	0.948	0.998	0.913	0.956	0.862	0.891
6	TZ	579.1	611.6	560.6	590.3	540.0	565.8	510.0	527.1
7	GH/TZ	12.198	11.550	12.602	11.967	13.082	12.485	13.850	13.401
8	eS	1.580	1.542	1.604	1.566	1.633	1.597	1.681	1.653
9	1-e-S	0.367	0.352	0.377	0.362	0.388	0.374	0.405	0.395
10	Pt	5263.2	5263.2	4853.2	4853.2	4363.2	4363.2	3503.2	3503.2
11	Pt2 /1000	27701.3	27701.3	23553.6	23553.6	19037.5	19037.5	12272.4	12272.4
12	Fr	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231
13	Fc=FrTZ	10.558	11.150	10.220	10.762	9.844	10.315	9.299	9.610
14	FcQm	1.60	1.69	4.42	4.65	6.72	7.05	9.91	10.24
15	L/H(FcQm)	2.6	2.9	19.5	21.6	45.2	49.6	98.3	104.9
16	Fw	0.945462	1.009744	7.340885	7.815391	17.52910	18.55765	39.80520	41.455907
17	Pw2	27702.2	27702.3	23560.9	23561.4	19055.0	19056.1	12312.2	12313.9
18	Ps2	43769.3	42719.5	37793.9	36906.2	31122.2	30434.7	20696.6	20354.0
19	Ps	6615.8	6536.0	6147.7	6075.0	5578.7	5516.8	4549.4	4511.5
20	P	5939.5	5899.6	5500.4	5464.1	4971.0	4940.0	4026.3	4007.4
21	Pr	8.81	8.75	8.16	8.11	7.38	7.33	5.97	5.95
22	Tr	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67
23	Z	1.034	1.030	0.998	0.995	0.956	0.954	0.891	0.890
								FORM C122-D	