

COMPANY : PHILLIPS PETRO. CO LEASE : RANGER WELL NO. : 17
 UNIT : SECTION : 26 TOWNSHIP : 12
 L : 11523 H : 11523 L/H : 1 G/GMIX : 0.726
 %CO2 : 0.54 %N2 : 1.73 H2S : DATE : 2 23 94
 d : 2.441 Fr : 0.010763 GH : 8365.7 RANGE :

Pc = 2923.2 Pc2 = 8545.1
 Pt2 = 6933.7 Pw = 2635.0
 3862.0 1967.7
 5122.1 2268.1
 3698.7 1932.1

VOL 1 : 886 PSIA 1 : 2633.2
 VOL 2 : 926 PSIA 2 : 1965.2
 VOL 3 : 1368 PSIA 3 : 2263.2
 VOL 4 : 1722 PSIA 4 : 1923.2

RESV. TEMP 189.2
 SHUT-IN PR= 2923.2

Pc2-Pw2= 1601.8 Pw2 = 6943.3
 4673.1 3872.0
 3491.0 5144.1
 4812.0 3733.1

PCR : 667
 TCR : 395

n = 0.562
 Pc2/(Pc2-Pw2) = 5.335
 1.829
 2.513
 1.776

LINE		RATE 1		RATE 2		RATE 3		RATE 4	
		1ST	2ND	1ST	2ND	1ST	2ND	1ST	2ND
1	QH	0.886	0.886	0.926	0.926	1.368	1.368	1.722	1.722
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
5	PR (est)	3.95	2.95	3.39	2.88	0.752	0.760	0.759	0.752
6	Z(est)	0.757	0.781	0.757	0.752	0.752	0.760	0.759	0.752
7	TZ	447.6	462.1	448.0	445.0	444.8	449.7	448.9	444.8
8	GH/TZ	18.690	18.104	18.673	18.800	18.806	18.604	18.636	18.806
9	eS	2.016	1.972	2.014	2.024	2.024	2.009	2.011	2.024
10	l-e-S	0.504	0.493	0.504	0.506	0.506	0.502	0.503	0.506
11	Pt	2633.2	2633.2	1965.2	1965.2	2263.2	2263.2	1923.2	1923.2
12	Pt2 /1000	6933.7	6933.7	3862.0	3862.0	5122.1	5122.1	3698.7	3698.7
13	Fr	0.010763	0.010763	0.010763	0.010763	0.010763	0.010763	0.010763	0.010763
14	Fc=FrTZ	4.818	4.973	4.822	4.789	4.788	4.840	4.832	4.788
15	FcQm	4.27	4.41	4.47	4.43	6.55	6.62	8.32	8.24
16	L/H(FcQm)	18.2	19.4	19.9	19.7	42.9	43.8	69.2	68.0
17	Pw	9.179846	9.569241	10.03948	9.950177	21.70742	22.01647	34.80798	34.394932
18	Pw2	6942.9	6943.3	3872.1	3872.0	5143.8	5144.1	3733.5	3733.1
19	Ps2	13993.5	13690.4	7799.1	7836.4	10412.6	10334.7	7509.7	7557.0
20	Ps	3740.8	3700.1	2792.7	2799.4	3226.9	3214.8	2740.4	2749.0
21	P	3187.0	3166.6	2378.9	2382.3	2745.0	2739.0	2331.8	2336.1
22	Pr	4.78	4.75	3.57	3.57	4.12	4.11	3.50	3.50
23	Tr	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
24	Z	0.781	0.780	0.752	0.752	0.760	0.760	0.752	0.752

Pc2/Pc2-Pw2]n = 2.562
 1.404
 1.678
 1.381
 AOF= Q 2.270
 1.300
 2.296
 2.378

FORM C122-D