

COMPANY : NEAREBURG PROD. CO. LEASE : AIP FED COM WELL NO. : 2
 UNIT : K SECTION : 7 TOWNSHIP : 22
 L : 11612 H : 11612 L/H : 1 G/GMIX : 0.579
 %CO2 : 1.001 %N2 : 0.357 H2S : DATE :
 d : 1.995 Fr : 0.018231 GH : 6723.3 RANGE : 26

VOL 1 : 229 PSIA 1 : 1477.2 RESV.TEMP 190.1
 VOL 2 : 436 PSIA 2 : 1354.2
 VOL 3 : 694 PSIA 3 : 1230.2 SHUT-IN PR= 1594.1
 VOL 4 : 939 PSIA 4 : 1098.2

PCR : 676
 TCR : 345

LINE	RATE 1		RATE 2		RATE 3		RATE 4	
	1ST	2ND	1ST	2ND	1ST	2ND	1ST	2ND
1 QM	0.229	0.229	0.436	0.436	0.694	0.694	0.939	0.939
2 TW	534	534	534	534	534	534	534	534
3 Ts	650.1	650.1	650.1	650.1	650.1	650.1	650.1	650.1
4 T	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1
PR (est)	2.19		2.00		1.82		1.62	
5 Z(est)	0.867	0.859	0.873	0.864	0.880	0.871	0.888	0.878
6 TZ	513.3	508.4	516.8	511.6	520.8	515.4	525.5	519.9
7 GH/TZ	13.098	13.223	13.009	13.141	12.910	13.045	12.795	12.931
8 eS	1.634	1.642	1.629	1.637	1.623	1.631	1.616	1.624
9 l-e-S	0.388	0.391	0.386	0.389	0.384	0.387	0.381	0.384
10 Pt	1477.2	1477.2	1354.2	1354.2	1230.2	1230.2	1098.2	1098.2
11 Pt2 /1000	2182.1	2182.1	1833.9	1833.9	1513.4	1513.4	1206.0	1206.0
12 Fr	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231
13 Fc=FrTZ	9.358	9.270	9.422	9.328	9.495	9.396	9.580	9.479
14 FcQm	2.14	2.12	4.11	4.07	6.59	6.52	9.00	8.90
15 L/H(FcQm)	4.6	4.5	16.9	16.5	43.4	42.5	80.9	79.2
16 Fw	1.782421	1.761677	6.515298	6.435116	16.66243	16.45108	30.83758	30.442209
17 Pw2	2183.9	2183.9	1840.4	1840.3	1530.1	1529.8	1236.9	1236.5
18 Ps2	3569.0	3585.8	2997.6	3012.3	2482.9	2495.2	1998.5	2008.1
19 Ps	1889.2	1893.6	1731.3	1735.6	1575.7	1579.6	1413.7	1417.1
20 P	1683.2	1685.4	1542.8	1544.9	1403.0	1404.9	1255.9	1257.6
21 Pr	2.49	2.49	2.28	2.29	2.08	2.08	1.86	1.86
22 Tr	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72
23 Z	0.859	0.859	0.864	0.864	0.871	0.870	0.878	0.878

Pc = 1594.1 Pc2 = 2541.2 *
 Pt2 = 2182.1 Pw = 1477.8 *
 1833.9 1356.6 *
 1513.4 1236.9 *
 1206.0 1112.0 *
 Pc2-Pw2= 357.3 Pw2 = 2183.9 *
 700.9 1840.3 *
 1011.3 1529.8 *
 1304.7 1236.5 *
 n = 1.000
 Pc2/(Pc2-Pw2) = 7.113
 3.626
 2.513
 1.948
 [Pc2/Pc2-Pw2]n = 7.113
 3.626
 2.513
 1.948
 AOF= Q 1.629
 1.581
 1.744
 1.829
 FORM C122-D