

COMPANY : HAMATHUN OIL CO. LEASE : INDIAN HILLS WELL NO. : 25
 UNIT : SECTION : 20 TOWNSHIP : 21
 L : 9899 B : 9899 L/B : 1 G/GMIX : 0.662
 IC02 : 7.822 IN2 : 0.215 H2S : DATE : 1 21 01
 d : 2.992 Pr : 0.006324 GR : 6553.1 RANGE : 24

Pc = 2013.2 Pc2 = 4053.0 *

Pt2 = 3679.5 Pw = 1918.3 *
 3324.1 1824.5 *
 2141.0 1468.9 *
 1858.3 1375.5 *

VOL 1 : 335 PSIA 1 : 1918.2 RESV. TEMP 173.0
 VOL 2 : 1165 PSIA 2 : 1823.2
 VOL 3 : 2130 PSIA 3 : 1463.2 SHUT-IN PR= 2013.2
 VOL 4 : 3005 PSIA 4 : 1363.2

PCR : 704
 TCR : 364

n = 1.000 ✓

Pc2/(Pc2-Pw2) = 10.864
 5.598
 2.139
 1.876 ✓

[Pc2/(Pc2-Pw2)]n = 10.864
 5.598
 2.139
 1.876 ✓

AOF= Q 3.639
 6.522
 4.555
 5.636 ✓

LINE		RATE 1		RATE 2		RATE 3		RATE 4	
		1ST	2ND	1ST	2ND	1ST	2ND	1ST	2ND
1	QM	0.335	0.335	1.165	1.165	2.130	2.130	3.005	3.005
2	PM	534	534	534	534	534	534	534	534
3	Pa	633.0	633.0	633.0	633.0	633.0	633.0	633.0	633.0
4	T	583.5	583.5	583.5	583.5	583.5	583.5	583.5	583.5
	PR (est)	2.72		2.59		2.08		1.94	
5	Z(est)	0.814	0.806	0.818	0.809	0.837	0.825	0.844	0.831
6	TY	475.0	470.6	477.1	471.9	488.5	481.2	492.5	484.8
7	GH/TX	13.797	13.926	13.734	13.887	13.415	13.618	13.307	13.516
8	eS	1.678	1.686	1.674	1.683	1.654	1.666	1.647	1.660
9	I-e-S	0.404	0.407	0.403	0.406	0.395	0.400	0.393	0.398
10	Pt	1918.2	1918.2	1823.2	1823.2	1463.7	1463.7	1363.2	1363.2
11	Pt2 /1000	3679.5	3679.5	3324.1	3324.1	2141.0	2141.0	1858.3	1858.3
12	Pr	0.006324	0.006324	0.006324	0.006324	0.006324	0.006324	0.006324	0.006324
13	Pc=PrTY	3.004	2.976	3.018	2.985	3.090	3.044	3.115	3.067
14	PcQM	1.01	1.00	3.52	3.48	6.58	6.48	9.36	9.21
15	L/E(PcQM)	1.0	1.0	12.4	12.1	43.3	42.0	87.6	84.9
16	Pw	0.409096	0.404409	4.975601	4.907994	17.12169	16.80714	34.41889	33.763223
17	Pw2	3679.9	3679.9	3329.0	3329.0	2158.1	2157.8	1892.7	1892.1
18	Ps2	6173.5	6203.5	5571.7	5603.6	3568.9	3595.7	3117.5	3141.0
19	Ps	2484.7	2490.7	2360.5	2367.2	1889.2	1896.2	1765.6	1772.3
20	P	2201.4	2204.4	2091.8	2095.2	1676.2	1679.7	1564.4	1567.7
21	Pr	3.13	3.13	2.97	2.99	2.38	2.39	2.22	2.23
22	Tr	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
23	Z	0.806	0.806	0.809	0.809	0.825	0.825	0.831	0.831

FORM C122-D