

0 COMPANY : EXXON CO. USA LEASE : N. M. ST. 8 WELL NO. : 2 Pc = 201.2 Pc2 = 40.5 *
UNIT : F SECTION : 29 TOWNSHIP : 21 Pt2 = 36.9 Pw = 193.3 *
L : 3125 H : 3125 L/H : 1 G/GMIX : 0.738 32.5 183.9 *
%CO2 : 4.67 %N2 : 1.3 H2S : DATE : 8 22 94 29.0 176.6 *
d : 2.441 Fr : 0.010763 GH : 2306.2 RANGE : 36 22.9 165.8 *

VOL 1 : 298 PSIA 1 : 192.2
VOL 2 : 532 PSIA 2 : 180.2
VOL 3 : 680 PSIA 3 : 170.2
VOL 4 : 981 PSIA 4 : 151.2

RESV. TEMP 105.2

SHUT-IN PR= 201.2

PCR : 684
TCR : 391

Pc2-Pw2= 3.1 Pw2 = 37.4 *
6.7 33.8 *
9.3 31.2 *
13.0 27.5 *

n = ~~0.805~~ ^{0.879}

Pc2/(Pc2-Pw2) = 12.986
6.081
4.353
3.114

LINE		RATE 1		RATE 2		RATE 3		RATE 4	
		'1ST	'2ND	'1ST	'2ND	'1ST	'2ND	'1ST	'2ND
1	QM	0.298	0.298	0.532	0.532	0.680	0.680	0.981	0.981
2	TW	534	534	534	534	534	534	534	534
3	Ts	565.2	565.2	565.2	565.2	565.2	565.2	565.2	565.2
4	T	549.6	549.6	549.6	549.6	549.6	549.6	549.6	549.6
	PR (est)	0.28		0.26		0.25		0.22	
5	Z(est)	0.942	0.940	0.944	0.942	0.946	0.944	0.949	0.946
6	TZ	517.6	516.8	518.8	517.8	519.7	518.7	521.6	520.2
7	GH/TZ	4.455	4.463	4.446	4.454	4.437	4.446	4.422	4.433
8	eS	1.182	1.182	1.181	1.182	1.181	1.181	1.180	1.181
9	1-e-S	0.154	0.154	0.154	0.154	0.153	0.154	0.153	0.153
10	Pt	192.2	192.2	180.2	180.2	170.2	170.2	151.2	151.2
11	Pt2 /1000	36.9	36.9	32.5	32.5	29.0	29.0	22.9	22.9
12	Fr	0.010763	0.010763	0.010763	0.010763	0.010763	0.010763	0.010763	0.010763
13	Fc=FrTZ	5.571	5.562	5.584	5.573	5.594	5.583	5.614	5.599
14	FcQm	1.66	1.66	2.97	2.97	3.80	3.80	5.51	5.49
15	L/H(FcQm)	2.8	2.7	8.8	8.8	14.5	14.4	30.3	30.2
16	Fw	0.424113	0.423344	1.354956	1.352263	2.218169	2.213323	4.634163	4.620724
17	Pw2	37.4	37.4	33.8	33.8	31.2	31.2	27.5	27.5
18	Ps2	44.2	44.2	40.0	40.0	36.8	36.8	32.5	32.5
19	Ps	210.1	210.2	199.9	199.9	191.9	191.9	180.2	180.1
20	p	201.2	201.2	190.1	190.1	181.1	181.1	165.7	165.7
21	Pr	0.29	0.29	0.28	0.28	0.26	0.26	0.24	0.24
22	Tr	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41
23	Z	0.940	0.940	0.942	0.942	0.944	0.944	0.946	0.946

[Pc2/Pc2-Pw2]n = 10.258
5.150
3.802
~~2.805~~

AOF= Q 3.057
2.740
2.585
~~2.752~~

AOF= 2,664

FORM C122-D