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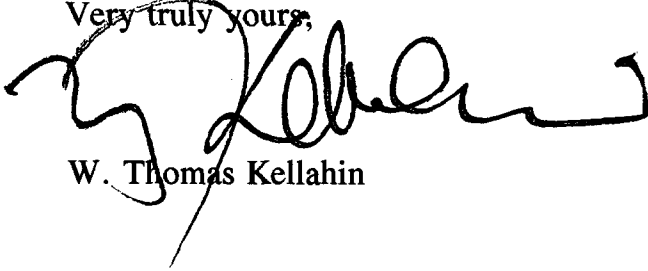
Ms. Lori Wrotenbery, Chairman
Ms. Jamie Bailey, Member
Dr. Robert Lee, Member
Oil Conservation Commission
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: **Richardson's response to Dr. Lee**
NMOCD Case: 12734 (De Novo)
Application of Richardson Operating Company
to establish a Special "Infill Well" Area within
the Basin-Fruitland Coal Gas Pool as provided in
Rule of the special rule for this pool,
San Juan County, New Mexico

Dear Members of the Commission:

On behalf of Richardson Operating Company and in accordance with the directions
of the Commission, please find enclosed our response to Dr. Lee's questions.

Very truly yours,


W. Thomas Kellahin

cc: All counsel of record

*Application of Richardson Operating
Co.
Record on Appeal, 1393.*

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION COMMISSION**

CASE NO. 12734 (De Novo)

**APPLICATION OF RICHARDSON OPERATING COMPANY
TO ESTABLISH A SPECIAL "INFILL WELL" AREA
WITHIN THE BASIN-FRUITLAND COAL GAS POOL
AS AN EXCEPTION TO RULE 4 OF THE SPECIAL
RULES FOR THIS POOL,
SAN JUAN COUNTY, NEW MEXICO**

**RICHARDSON OPERATING COMPANY'S RESPONSE
TO THE REQUEST
OF COMMISSIONER DR. ROBERT LEE
CONCERNING RESERVIOR SIMULATION FOR COALBED METHANE WELL IN
THE UNDERPRESSURE AREA
OF THE BASIN-FRUITLAND COAL GAS POOL**

In response to the request of Commissioner Dr. Robert Lee, Richardson Operating Company submits the following in support of its reservoir simulation of the early time performance of coalbed methane well in the under-pressured area so the Basin-Fruitland Coal Gas Pool for estimating the ultimate recovery for the Richardson wells:

At the conclusion of the hearing on October 31, 2002, Commissioner Lee requested that Richardson Operating Company provide the Commission with its responses to the following questions:

- (1) Methodology of model
- (2) Structure map and no flow boundaries
- (3) Initial conditions and relative permeability
- (4) How to specify gas and water rates
- (5) Constraints of model
- (6) Production data and production plot for every well
- (7) Permeability and skin for every well
- (8) How to distribute rate between upper and lower coals
- (9) Explain two phase skin factor and what fracture looks like and how to changes fracture to skin
- (10) Conclusions

*Application of Richardson Operating
Co.
Record on Appeal, 1394.*

**BEFORE THE
OIL CONSERVATION COMMISSION**
Case No. 12734
Exhibit # **E**
Submitted By: Richardson Oper.Co.
Hearing Date: October 29, 2002

Richardson's responses to Dr. Lee's Questions are arranged as follows:

Methodology

Conclusions

- 1. Permeability, starting and changes**
- 2. Initial conditions and boundary conditions**
- 3. Structure**
- 4. Constraints**
- 5. Fracture details**
- 6. Skin factors**
- 7. Relative Permeability**
- 8. Allocation between Lower and Upper Coals**
- 9. Analysis plots**
- 10. Reference materials**

Methodology:

Richardson's methodology is consistent with prior models required by the Division and as accepted and approved by the Division:

(1) Richardson wells are in their early performance displaying inclining production and their ultimate recoveries were estimated by using a reservoir simulation model and reservoir parameters and variables for history matching insistent with prior model accepted and approved by the Division for coalbed methane wells in the under-pressured area of the Basin Fruitland Coal Gas Pool.

(2) In Division Order R-8768, issued in Case 9420 on October 17, 1988, the Division found that: "(14) Further testimony and evidence indicates that due to the unique producing characteristics of coal seams (i.e. initial including production rates), engineering methods such as decline curves analysis and volumetric calculations traditionally used to aid in the determination of proper well spacing cannot be utilized."

(3) On June 18, 1990, the San Juan Basin Coalbed Methane Spacing Study Committee received a reservoir simulation prepared by the Gas Research Institute of the inclining production of coalbed methane wells and modeled how to simulate the estimated ultimate recovery for such wells. **See Exhibits E-1 attached**

(4) On September 26, 1990, the Gas Research Institute issued its Addendum report. **See Exhibit E-2 attached**

(5) On February 21, 1991, the Division held a hearing in Case 9420 the San Juan Basin Coalbed Methane Committee submitted to the Division the coalbed methane reservoir simulation performed for the New Mexico Oil Conservation Division and the Colorado Oil and Gas Conservation Commission by CMC and GRI Resources Incorporated. **See Exhibit E-3 attached**

(6) On July 16, 1991, the Division entered Order R-8768-A in Case 9420 which found that:

"(9) The results of the reservoir simulation study generally establish that one well in the subject pool can effectively drain and develop 320 acres."

"(10) The results of the study further indicate however that there may be certain areas within the basin where reservoir parameters such as porosity, permeability, coal thickness, pressure, gas content, sorption isotherm and initial gas/water saturation may exist in certain combinations such that infill drilling may be required to increase gas recover."

(7) In August 22, 2001, the Division entered Order R-11639 in Case 12651 and granted Burlington Resources Oil & Gas Company LP's ("Burlington") application to initiate a pilot project for the drilling of additional Basin-Fruitland Coal Gas Pool wells to provide data for reservoir engineering and geologic studies for the purposes of determining the proper well density.

(8) Burlington's pilot project is at the point where the Division has concluded that there is sufficient evidence to increase well density to two (2) wells in a 320-acre GPU in the "Under Pressure Area" of the pool and to adopt a procedure for obtaining a second well in appropriate portion of the "Over Pressure Areas" of the pool.

(9) In Division Order No. R-8768-B, issued on Case 12296, on February 10, 2000, based upon geologic and engineering evidence presented by Burlington, the Division found [see Findings Paragraph No. 15 on pages 4 and 5] that:

"(a) the Basin-Fruitland Coal (Gas) Pool can be divided into an over-pressured area and an under-pressured area."

(h) the under-pressured area is not fully developed and is the area of primary concern for future development under the proposed setback changes, The area drained by individual wells in the under-pressured area of the pool is approximately 160-acres;

(i) initial completions in the under-pressure area experienced reservoir pressures of less than 600 psi; currently new completing experience reservoir pressures of between 200 and 300 psi; [and]

(j) Permeability in the under-pressured area is approximately .3 millidarcies."

(10) The Basin-Fruitland Coal Gas Pool can be divided into an "Over Pressure Area" and "Under Pressure area" of the pool, based upon Burlington's evidence, which is summarized as follows

(A) Wells in the "Over Pressure Area" is characterize as follows:

- (1) initial pressure greater than 0.433 psi per foot
- (2) CO₂ production greater than 3% of total gas
- (3) high initial water production
- (4) rates are in excess of 1 MMCFPD
- (5) high permeability (greater than 20 md)
- (6) very little C₈-C₄ (dry gas)
- (7) coal rank greater than 0.75 vitrinite reflectance

(B) Wells in the "Under Pressure Area" is characterize as follows:

- (1) initial pressure less than 0.433 psi per foot
- (2) CO₂ production less than 3% of total gas
- (3) low initial water production
- (4) rates are less than 1 MMCFPD
- (5) low permeability (less than 10 md)
- (6) wet gas C₈-C₄ is present
- (7) coal rank less than 0.75 vitrinite reflectance

(11) In Division Order R-11639, issued in Case 12651 on August 22, 2001, the Division found that geological and engineering evidence established the following

"That the Pool can be divided into an over-pressured area and an under-pressured area."

(e) currently available data in the under-pressured area is not adequate to determine whether (i) conventional calculations of original gas in place are correct and more wells area needed; or (ii) those reserves are substantially overestimated and the current well density is adequate."

It was further determined in this finding that:

"(h) the stratigraphic complexity and grouping relationships observed in each pilot area will dictate the number of layers that are tested and ultimately modeled separate for coal quality, isotherm development, current levels of depletion, gas content, and productive potential [and]

(i) there is a need for layered pressure evaluation, which cannot be obtained for existing wellbores."

(12) On July 9, 2002, the Division held a hearing on Case 12888 to decide infill drilling of the under pressure part of the pool at which Burlington presented its reservoir simulation of the pilot areas of under pressured portions of the pool. **See Exhibit E-4**

(13) On October 15, 2002, the Division issued Order R-8768-C in Case 12888 finding the following concerning the under-pressured portion of the pool:

“(35) Burlington presented petroleum engineering testimony establishing that current well density in the under-pressure portions of the pool results in inadequate recovery of the reserves and that an additional well per spacing unit is justified.

(36) Using data and a proprietary simulation model, Burlington was able to estimate original gas in place and ultimate recovery for the under-pressured area.

(37) The data obtained from Burlington’s pilot project wells and the conclusions they support were extrapolated and applied to the under-pressured area only.

(38) Burlington’s analysis supports the conclusion that infill development will substantially increase incremental recovery in the under-pressured area...”

CONCLUSION FOR DR. LEE

Application Area EUR

Zone	Lower Coal	Upper Coal	Total
Average Thickness, ft	14	13	28
Initial Pressure, psia	236	200	218
Gas Content, scf/ton	237	187	212
Gas in Place, Bcf	58	44	101
Gas in Place, Bcf/320 acres	1.92	1.46	3.38

Ultimate Recovery in Bcf

320-acre Spacing	27	11	39
160-acre Spacing	47	19	66

Ultimate Recovery in Bcf/320

320-acre Spacing	0.91	0.38	1.29
160-acre Spacing	1.56	0.65	2.21

Ultimate Recovery in Bcf/well

320-acre Spacing	0.91	0.38	1.29
160-acre Spacing	0.78	0.32	1.10

Ultimate Recovery Efficiency, % OGIP

320-acre Spacing	47%	26%	38%
160-acre Spacing	81%	44%	65%

BEFORE THE
OIL CONSERVATION COMMISSION
Case No. 12734
Exhibit # **C-26**
Submitted By: Richardson Oper. Co.
Hearing Date: October 28 & 30, 2002

Application of Richardson Operating Co.
Record on Appeal, 1400.

1. Permeability, starting and changes

The starting permeability table for the Lower Coal is shown on p. 2.

The starting permeability table for the Upper Coal is shown on p. 2.

The ending permeability table for the Lower Coal is shown on p. 3.

The ending permeability table for the Upper Coal is shown on p. 3

The initial permeability was obtained through matching the historical gas rates and allocated water rates through Oct. 2001.

The final permeability was obtained by multiplying the starting permeability by 3.1.

The final permeability was used for all forecast runs.

Lower Coal Initial Permeability Table

Y/X	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15	X16	X17	X18
Y1	8	8	9	9	9	10	10	11	11	12	12	13	13	12	12	11	10	10
Y2	8	8	9	9	9	10	10	11	11	12	13	14	14	14	13	11	10	11
Y3	8	8	9	9	9	10	10	11	12	13	14	15	16	16	14	12	11	11
Y4	8	8	9	9	9	10	10	11	12	13	14	16	18	19	17	13	11	12
Y5	8	8	9	9	9	9	10	11	11	13	14	16	19	21	20	15	14	15
Y6	8	8	9	9	9	9	10	10	11	12	13	15	18	21	22	20	19	19
Y7	8	8	8	9	9	9	9	10	10	11	12	14	17	20	22	23	23	22
Y8	8	8	8	9	9	9	9	10	10	10	11	13	16	19	22	24	24	24
Y9	8	8	9	9	9	9	9	10	10	10	11	13	16	19	21	23	24	24
Y10	8	9	9	9	9	9	10	10	10	11	12	14	16	19	21	23	24	25
Y11	9	9	9	9	9	9	10	10	11	12	13	15	17	19	21	23	24	25
Y12	9	9	9	9	9	10	10	11	12	13	14	16	18	20	21	23	24	25
Y13	9	9	9	9	10	10	11	12	13	14	15	17	18	20	22	23	24	25
Y14	10	10	10	10	10	11	11	12	13	15	16	17	19	21	22	23	24	25
Y15	10	10	10	10	11	11	12	13	14	15	17	18	20	21	22	24	24	25
Y16	10	11	11	11	12	12	13	14	15	16	17	19	20	21	23	24	25	25
Y17	11	11	11	12	12	13	14	14	16	17	18	19	20	22	23	24	25	25
Y18	11	12	12	12	13	14	14	15	16	17	18	19	21	22	23	24	25	25

Upper Coal Initial Permeability Table

X/Y	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15	X16	X17	X18
Y1	6	6	6	6	6	7	7	7	8	8	9	9	9	9	8	8	7	7
Y2	6	6	6	6	6	7	7	8	8	9	9	10	10	10	9	8	7	15
Y3	6	6	6	6	6	7	7	8	8	9	10	11	11	11	10	8	8	8
Y4	6	6	6	6	6	7	7	8	8	9	10	11	13	13	12	9	8	9
Y5	6	6	6	6	6	7	7	7	8	9	10	11	14	15	14	11	10	10
Y6	6	6	6	6	6	6	7	7	8	8	9	11	13	15	15	14	13	13
Y7	6	6	6	6	6	6	7	7	7	8	8	10	12	14	15	16	16	15
Y8	6	6	6	6	6	6	7	7	7	7	8	9	11	13	15	17	17	17
Y9	6	6	6	6	6	6	7	7	7	7	8	9	11	13	15	16	17	17
Y10	6	6	6	6	6	6	7	7	7	8	9	10	12	13	15	16	17	17
Y11	6	6	6	6	6	7	7	7	8	8	9	11	12	14	15	16	17	17
Y12	6	6	6	6	7	7	7	8	8	9	10	11	12	14	15	16	17	39
Y13	6	6	7	7	7	7	8	8	9	10	11	12	13	14	15	16	17	17
Y14	7	7	7	7	7	7	8	9	9	10	11	12	13	14	15	16	17	17
Y15	7	7	7	7	8	8	9	9	10	11	12	13	14	15	16	17	17	18
Y16	7	7	8	8	8	8	9	10	10	11	12	13	14	15	16	17	17	18
Y17	8	8	8	8	9	9	10	10	11	12	12	13	14	15	16	17	17	18
Y18	8	8	8	9	9	19	10	11	11	12	13	14	14	15	16	17	17	18

Lower Coal Ending Permeability Table

Y/X	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15	X16	X17	X18
Y1	25	26	27	28	29	30	31	33	35	37	38	39	40	39	36	34	32	32
Y2	25	26	27	28	29	30	32	34	36	38	41	43	44	43	39	35	32	33
Y3	25	26	27	28	29	30	32	34	36	39	43	47	49	49	44	37	33	35
Y4	25	26	27	28	29	30	31	33	36	40	44	50	56	58	51	39	34	38
Y5	25	26	27	27	28	29	31	33	35	39	44	51	60	44	61	48	43	46
Y6	25	26	26	27	28	29	30	32	34	37	41	48	57	66	67	62	59	57
Y7	26	26	26	27	28	28	29	30	32	34	37	43	52	61	68	71	39	68
Y8	26	26	26	27	27	28	29	30	31	32	34	40	49	59	67	73	76	73
Y9	26	26	27	27	28	28	29	30	31	32	35	41	49	58	66	72	75	76
Y10	26	27	27	27	28	29	30	31	32	35	38	44	51	59	66	72	75	77
Y11	27	27	27	28	28	29	31	33	35	38	42	47	53	60	66	71	75	77
Y12	28	28	28	28	29	30	32	34	37	40	45	50	55	61	67	72	75	55
Y13	29	29	29	29	30	31	34	36	39	43	47	52	57	63	67	72	75	77
Y14	30	30	30	31	7	33	36	38	42	46	50	54	59	64	68	72	75	77
Y15	31	31	32	32	34	35	38	41	44	48	52	56	61	65	70	73	76	78
Y16	32	33	34	34	36	38	40	43	46	50	54	58	62	66	71	74	77	78
Y17	34	34	35	37	38	40	42	45	48	52	55	59	63	67	71	75	77	79
Y18	35	36	37	38	40	42	44	47	50	53	57	60	64	68	71	75	77	78

Upper Coal Ending Permeability Table

X/Y	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15	X16	X17	X18
Y1	18	18	19	19	20	21	22	23	24	26	27	28	27	27	25	23	22	22
Y2	18	18	19	19	20	21	22	23	25	27	28	30	30	29	27	24	22	45
Y3	18	18	19	19	20	21	22	24	25	28	30	33	34	34	30	25	23	24
Y4	18	18	19	19	20	21	22	23	25	27	31	34	39	40	35	27	24	26
Y5	18	18	19	19	20	21	21	23	24	27	30	35	41	31	42	33	30	32
Y6	18	18	18	19	19	20	21	22	23	25	28	33	40	46	46	43	40	40
Y7	18	18	18	19	19	20	20	21	22	23	26	30	36	42	47	49	27	47
Y8	18	18	18	19	19	20	20	21	21	22	23	27	34	40	46	51	52	51
Y9	18	18	19	19	19	20	20	21	21	22	24	28	34	40	46	50	52	52
Y10	18	19	19	19	20	20	21	21	22	24	26	30	35	41	46	49	52	53
Y11	19	19	19	19	20	21	21	22	24	26	29	32	37	41	46	49	52	53
Y12	19	19	20	20	20	21	22	24	26	28	31	34	38	42	46	49	52	88
Y13	20	20	20	20	21	22	23	25	27	30	33	36	39	43	47	50	52	53
Y14	20	21	21	21	5	23	24	27	29	31	34	37	41	44	47	50	52	53
Y15	21	22	22	22	23	24	26	28	30	33	36	39	42	45	48	51	52	54
Y16	22	23	23	24	25	26	28	30	32	34	37	40	43	46	49	51	53	54
Y17	23	24	24	25	26	28	29	31	33	36	38	41	44	46	49	52	53	54
Y18	24	25	26	27	28	58	31	32	34	37	39	42	44	47	49	52	53	54

2. Initial Conditions and Boundary Conditions

The initial conditions consist of the initial pressure table for the Lower Coal shown on p. 4 and the initial pressure table for the Upper Coal shown on p. 5, all in psia.

The initial cleat water saturation for all models was 100%.

The modeled area was circumscribed by the Richardson leases within the Deep Lease and Deep Lease Extension as shown on p. 5. The boundary condition was a no flow boundary around the perimeter of the model, to avoid gas migration from outside the model area causing erroneously high recoveries. As is commonly used in such models, grid blocks outside the area to be modeled were made inactive.

Although it was not requested, a list of all wells (both initial and infill) and their locations is contained in the table on p. 6. Arbitrary API numbers were assigned to the infill wells in the model so that they could be tracked.

Initial Pressure for the Lower Coal

X/Y	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15	X16	X17	X18
Y1	211	215	219	223	227	232	237	241	246	250	255	259	263	266	269	272	275	277
Y2	208	212	216	220	225	230	235	240	245	249	254	258	262	265	268	270	273	275
Y3	205	209	213	218	222	227	233	238	243	248	253	258	262	265	267	268	270	271
Y4	201	205	210	214	219	225	230	236	241	247	252	257	261	264	266	267	267	268
Y5	198	202	206	211	216	222	227	233	240	246	251	257	261	264	266	266	266	267
Y6	194	198	202	207	212	218	224	231	237	244	250	256	261	264	266	267	267	267
Y7	189	193	198	203	208	214	221	228	235	242	249	255	260	263	266	267	268	267
Y8	185	188	193	198	204	210	217	224	231	239	246	253	258	261	264	266	266	266
Y9	180	183	188	193	199	205	212	220	227	235	243	249	255	259	261	262	263	263
Y10	174	178	182	187	193	200	207	215	223	231	239	246	252	255	257	258	259	260
Y11	169	172	177	182	188	194	202	210	218	226	234	241	247	251	253	254	255	256
Y12	163	167	170	175	181	188	196	205	213	221	229	236	242	246	248	250	251	252
Y13	158	161	164	169	175	182	191	200	208	216	224	231	236	241	244	246	247	248
Y14	152	155	158	163	170	177	186	195	203	212	219	226	231	236	240	242	244	245
Y15	147	149	152	158	166	174	183	191	199	207	215	221	227	232	236	239	241	243
Y16	143	143	147	154	163	171	180	188	196	204	211	218	224	229	233	237	239	241
Y17	141	141	145	152	161	170	178	185	193	200	208	214	220	226	231	235	238	240
Y18	141	142	146	152	160	168	176	183	190	197	204	211	218	223	229	233	236	239

Initial Pressure for the Upper Coal

X/Y	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15	X16	X17	X18
Y1	192	196	200	204	208	213	217	222	226	231	235	238	241	244	247	250	252	255
Y2	189	193	197	202	206	211	216	221	225	230	234	238	241	244	246	248	250	252
Y3	186	190	194	199	204	209	214	219	224	229	234	238	241	244	245	246	247	248
Y4	183	187	191	196	201	206	212	218	223	229	234	238	241	244	244	244	244	244
Y5	179	183	188	193	198	204	210	216	222	228	233	238	242	244	244	243	243	242
Y6	175	179	184	189	195	201	207	213	220	226	232	238	241	244	245	244	244	243
Y7	171	175	180	185	191	197	204	211	218	225	231	237	240	243	244	245	245	244
Y8	166	170	175	180	186	193	200	207	214	222	229	234	238	240	241	243	243	243
Y9	161	165	170	175	181	188	195	203	210	218	225	230	234	236	238	239	240	240
Y10	156	160	164	170	176	182	190	197	205	213	220	225	230	232	233	234	235	237
Y11	150	154	158	164	170	177	184	192	200	207	214	220	225	227	229	229	230	231
Y12	145	148	152	157	163	171	178	187	194	202	209	214	219	222	224	224	225	226
Y13	139	142	146	151	157	165	173	181	189	197	203	209	214	217	219	220	221	220
Y14	133	136	140	145	152	160	168	177	185	192	199	204	209	213	215	217	218	218
Y15	128	130	134	140	148	156	165	173	181	188	194	200	205	210	213	215	217	218
Y16	123	124	128	136	145	155	163	170	177	184	191	197	202	207	211	214	217	219
Y17	121	121	125	134	144	153	161	168	174	181	188	194	199	205	209	214	217	220
Y18	121	122	127	134	143	151	158	165	171	178	184	191	197	203	208	213	217	220

Model Area within Deep Lease and Deep Lease Extension

X/Y	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15	X16	X17	X18
Y1																		
Y2																		
Y3																		
Y4																		
Y5																		
Y6																		
Y7																		
Y8																		
Y9																		
Y10																		
Y11																		
Y12																		
Y13																		
Y14																		
Y15																		
Y16																		
Y17																		
Y18																		

= Inactive Cells turned off in model
 = Wells

Well List and Location within Model Area

Well ID	Well Name	X Location	J Location
3004529649	WF FEDERAL 20-1	14	5
3004530062	WF FEDERAL 20-2	18	2
3004530114	WF FEDERAL 20-3	17	5
3004529737	WF FEDERAL 29-1	17	7
3004530058	WF FEDERAL 29-2	18	12
3004530348	WF FEDERAL 29-4	13	7
3004529598	WF FEDERAL 30-1	11	8
3004529825	WF STATE 32-1	17	17
3004530069	WF STATE 36-2	5	14
3004500001	Infill 19-1	8	5
3004500002	Infill 19-2	11	5
3004500003	Infill 20-4	15	2
3004500004	Infill 29-3	14	11
3004500005	Infill 30-2	11	12
3004500006	Infill 30-3	8	10
3004500007	Infill 30-4	8	7
3004500008	Infill 31-1	11	14
3004500009	Infill 31-2	8	14
3004500010	Infill 36-1	6	18
3004500013	Infill Dugan 32 NE	17	14
3004500014	Infill Dugan 32 NW	14	14
3004500015	Infill Dugan 31 SE	11	17
3004500016	Infill Dugan 31 SW	8	17
3004500017	Infill Dugan 32 SW	14	17

3. Structure

A table showing the structure on the top of the Lower Coal is shown below.

Structure to the Top of the Lower Coal

X/Y	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15	X16	X17	X18
Y1	4640	4631	4622	4612	4602	4592	4581	4570	4560	4549	4539	4530	4521	4514	4506	4500	4493	4487
Y2	4647	4638	4629	4619	4608	4597	4586	4574	4563	4552	4541	4531	4523	4515	4509	4503	4498	4493
Y3	4655	4645	4636	4625	4614	4603	4591	4578	4566	4554	4543	4533	4524	4517	4512	4508	4504	4501
Y4	4663	4653	4643	4633	4621	4609	4596	4583	4570	4557	4545	4534	4524	4517	4513	4512	4510	4508
Y5	4671	4662	4652	4641	4629	4616	4602	4589	4575	4561	4547	4535	4524	4517	4513	4513	4513	4512
Y6	4681	4671	4661	4650	4637	4624	4610	4595	4580	4565	4550	4536	4525	4517	4513	4511	4511	4512
Y7	4691	4681	4671	4659	4647	4633	4618	4602	4586	4570	4554	4539	4527	4519	4514	4510	4509	4511
Y8	4702	4692	4682	4670	4657	4643	4627	4611	4594	4577	4560	4544	4532	4524	4519	4515	4513	4513
Y9	4713	4704	4694	4682	4669	4654	4638	4621	4603	4585	4567	4552	4539	4531	4525	4522	4520	4519
Y10	4725	4717	4707	4695	4681	4666	4649	4631	4613	4595	4577	4560	4546	4538	4534	4531	4529	4527
Y11	4737	4730	4720	4708	4695	4679	4662	4643	4624	4606	4587	4570	4556	4548	4544	4541	4539	4537
Y12	4750	4743	4734	4723	4709	4693	4674	4655	4636	4617	4599	4582	4569	4560	4554	4551	4549	4546
Y13	4763	4757	4748	4737	4723	4706	4687	4667	4647	4628	4611	4595	4582	4572	4565	4561	4558	4556
Y14	4776	4771	4762	4750	4736	4718	4698	4677	4658	4639	4622	4606	4593	4583	4575	4569	4565	4562
Y15	4788	4784	4776	4762	4745	4726	4706	4686	4667	4649	4632	4616	4603	4592	4583	4576	4571	4567
Y16	4797	4797	4789	4772	4752	4732	4712	4694	4675	4657	4641	4625	4611	4599	4589	4581	4575	4570
Y17	4802	4802	4794	4776	4756	4736	4717	4700	4682	4665	4648	4633	4619	4606	4595	4586	4579	4573
Y18	4803	4800	4791	4776	4758	4740	4722	4705	4688	4672	4656	4640	4625	4612	4600	4589	4582	4577

4. Constraints

The constraints by well were allowed to change each month. Historical production data were used for the Lower Coal through the time data were available at the time of analysis, and projections were made beyond that time in accordance with the methodology testified to by Mr. Cox. The well constraint is determined from the input deck [INP FILE] based on the following column order:

MM/D/YYYY Well ID Rw Skin NetPay WC QwMax QgMax PwMin BHP

Wells were generally put on a maximum producing water constraint at the beginning, and converted to a maximum producing gas rate after significant gas production occurred. There is a secondary constraint in that if pressure drops below the minimum producing bottomhole pressure during any time step, then the well is instead automatically converted to a bottomhole pressure constraint.

The table beginning on p. 9 shows the base case or history match (no infills or recompletions) input deck [INP FILE] for the Lower Coal.

The table beginning on p. 24 shows the infills and recompletions case input deck [INP FILE] for the Lower Coal.

The table beginning on p. 62 shows the infills and recompletions input deck [INP FILE] for the Upper Coal.

The dates for infills and recompletions were based on the assumption that the Examiner's Order was in full force and effect.

Input Deck
Base Case
Lower Coal

Richardson Operating Company- West Farmington Project-Fruitland Coal Gas

#

#	MM/D/YYYY	Well ID	Rw	Skin	NetPay	WC	QwMax	QgMax	PwMin	BHP
"10/1/1999"	"3004529737	"	0.2600	-3.0	13.000	5	13.000	5.290	15.000	0.000
"11/1/1999"	"3004529598	"	0.2600	1.0	14.000	0	120.000	3.000	15.000	0.000
"11/1/1999"	"3004529737	"	0.2600	-3.0	13.000	6	62.600	57.733	15.000	0.000
"12/1/1999"	"3004529598	"	0.2600	1.0	14.000	0	120.000	2.903	15.000	0.000
"12/1/1999"	"3004529737	"	0.2600	-3.0	13.000	6	62.600	59.323	15.000	0.000
"1/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	120.000	1.581	15.000	0.000
"1/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	22.581	31.290	15.000	0.000
"1/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	46.452	41.452	15.000	0.000
"1/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	1.129	5.290	15.000	0.000
"1/1/2000"	"3004530058	"	0.2600	-3.0	12.000	0	0.000	0.000	15.000	0.000
"1/1/2000"	"3004530069	"	0.2600	0.0	20.000	0	0.000	0.000	15.000	0.000
"2/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	91.034	6.310	15.000	0.000
"2/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	25.000	97.448	15.000	0.000
"2/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	33.103	101.586	15.000	0.000
"2/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	7.000	56.172	15.000	0.000
"2/1/2000"	"3004530058	"	0.2600	-3.0	12.000	0	0.000	0.000	15.000	0.000
"2/1/2000"	"3004530069	"	0.2600	0.0	20.000	0	0.000	0.000	15.000	0.000
"3/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	42.581	2.065	15.000	0.000
"3/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	22.581	78.871	15.000	0.000
"3/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	80.710	15.000	0.000
"3/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	6.323	44.839	15.000	0.000
"3/1/2000"	"3004530058	"	0.2600	-3.0	12.000	0	0.000	0.000	15.000	0.000
"3/1/2000"	"3004530069	"	0.2600	0.0	20.000	0	0.000	0.000	15.000	0.000
"4/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	20.000	1.133	15.000	0.000
"4/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	25.000	71.167	15.000	0.000
"4/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	95.233	15.000	0.000
"4/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	7.000	40.800	15.000	0.000
"4/1/2000"	"3004530058	"	0.2600	-3.0	12.000	6	98.667	87.500	150.000	0.000
"4/1/2000"	"3004530069	"	0.2600	0.0	20.000	0	0.000	0.000	15.000	0.000
"5/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	7.742	0.000	15.000	0.000
"5/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	18.065	55.548	15.000	0.000
"5/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	58.065	87.645	15.000	0.000
"5/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	19.355	37.129	15.000	0.000
"5/1/2000"	"3004530058	"	0.2600	-3.0	12.000	5	23.226	165.065	15.000	0.000
"5/1/2000"	"3004530069	"	0.2600	0.0	20.000	5	80.000	1.129	15.000	0.000
"6/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	0.000	0.000	15.000	0.000

"6/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	20.000	53.967	15.000	0.000
"6/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	95.533	15.000	0.000
"6/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	20.000	34.700	15.000	0.000
"6/1/2000"	"3004530058	"	0.2600	-3.0	12.000	6	29.333	178.967	15.000	0.000
"6/1/2000"	"3004530069	"	0.2600	0.0	20.000	5	88.000	3.467	15.000	0.000
"7/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	7.742	0.000	15.000	0.000
"7/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	15.000	63.710	15.000	0.000
"7/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	100.000	141.226	15.000	0.000
"7/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	20.000	34.452	15.000	0.000
"7/1/2000"	"3004530058	"	0.2600	-3.0	12.000	6	49.677	249.419	15.000	0.000
"7/1/2000"	"3004530069	"	0.2600	0.0	20.000	0	0.000	0.000	15.000	0.000
"8/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	6.452	1.419	15.000	0.000
"8/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	15.000	57.323	15.000	0.000
"8/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	100.000	163.258	15.000	0.000
"8/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	20.000	36.452	15.000	0.000
"8/1/2000"	"3004530058	"	0.2600	-3.0	12.000	6	49.032	295.903	15.000	0.000
"8/1/2000"	"3004530069	"	0.2600	0.0	20.000	5	167.742	1.677	15.000	0.000
"9/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	6.500	6.833	15.000	0.000
"9/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	25.000	40.100	15.000	0.000
"9/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	105.000	146.100	15.000	0.000
"9/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	20.000	39.533	15.000	0.000
"9/1/2000"	"3004530058	"	0.2600	-3.0	12.000	6	120.000	248.600	15.000	0.000
"9/1/2000"	"3004530069	"	0.2600	0.0	20.000	5	146.667	2.133	15.000	0.000
"10/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	0.000	0.000	15.000	0.000
"10/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	24.194	86.000	15.000	0.000
"10/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	105.000	126.355	15.000	0.000
"10/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	20.000	31.903	15.000	0.000
"10/1/2000"	"3004530058	"	0.2600	-3.0	12.000	6	160.000	245.065	15.000	0.000
"10/1/2000"	"3004530069	"	0.2600	0.0	20.000	0	0.000	0.000	15.000	0.000
"11/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	0.000	0.000	15.000	0.000
"11/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	15.000	136.333	15.000	0.000
"11/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	100.000	136.400	15.000	0.000
"11/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	18.000	27.867	15.000	0.000
"11/1/2000"	"3004530058	"	0.2600	-3.0	12.000	6	160.000	259.667	15.000	0.000
"11/1/2000"	"3004530069	"	0.2600	0.0	20.000	0	0.000	0.000	15.000	0.000
"12/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	0.000	0.452	15.000	0.000
"12/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	15.000	125.871	15.000	0.000
"12/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	100.000	125.194	15.000	0.000
"12/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	20.000	31.387	15.000	0.000

"12/1/2000"	"3004530058"	"	0.2600	-3.0	12.000	6	154.839	217.161	15.000	0.000
"12/1/2000"	"3004530069"	"	0.2600	0.0	20.000	5	103.226	0.000	15.000	0.000
"1/1/2001"	"3004529598"	"	0.2600	1.0	14.000	0	7.742	1.903	15.000	0.000
"1/1/2001"	"3004529649"	"	0.2600	-1.0	14.000	6	30.000	97.000	15.000	0.000
"1/1/2001"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	123.613	15.000	0.000
"1/1/2001"	"3004529825"	"	0.2600	0.0	14.000	6	20.000	31.548	15.000	0.000
"1/1/2001"	"3004530058"	"	0.2600	-3.0	12.000	6	183.871	180.258	15.000	0.000
"1/1/2001"	"3004530062"	"	0.2600	-1.0	15.000	0	0.000	0.000	15.000	0.000
"1/1/2001"	"3004530069"	"	0.2600	0.0	20.000	5	103.226	3.129	15.000	0.000
"1/1/2001"	"3004530348"	"	0.2600	-2.0	11.000	6	0.000	0.000	15.000	0.000
"2/1/2001"	"3004529598"	"	0.2600	1.0	14.000	0	2.857	0.857	15.000	0.000
"2/1/2001"	"3004529649"	"	0.2600	-1.0	14.000	6	22.857	89.786	15.000	0.000
"2/1/2001"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	104.357	15.000	0.000
"2/1/2001"	"3004529825"	"	0.2600	0.0	14.000	6	20.000	45.036	15.000	0.000
"2/1/2001"	"3004530058"	"	0.2600	-3.0	12.000	6	35.000	162.036	15.000	0.000
"2/1/2001"	"3004530062"	"	0.2600	-1.0	15.000	6	8.571	8.857	15.000	0.000
"2/1/2001"	"3004530069"	"	0.2600	0.0	20.000	5	71.429	1.929	15.000	0.000
"2/1/2001"	"3004530114"	"	0.2600	-1.0	13.000	6	43.429	14.857	15.000	0.000
"2/1/2001"	"3004530348"	"	0.2600	-2.0	11.000	6	0.000	0.000	15.000	0.000
"3/1/2001"	"3004529598"	"	0.2600	1.0	14.000	0	0.000	0.000	15.000	0.000
"3/1/2001"	"3004529649"	"	0.2600	-1.0	14.000	6	40.000	106.677	15.000	0.000
"3/1/2001"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	131.710	15.000	0.000
"3/1/2001"	"3004529825"	"	0.2600	0.0	14.000	6	24.355	38.968	15.000	0.000
"3/1/2001"	"3004530058"	"	0.2600	-3.0	12.000	6	20.000	146.516	15.000	0.000
"3/1/2001"	"3004530062"	"	0.2600	-1.0	15.000	6	65.000	28.097	15.000	0.000
"3/1/2001"	"3004530069"	"	0.2600	0.0	20.000	0	0.000	0.000	15.000	0.000
"3/1/2001"	"3004530114"	"	0.2600	-1.0	13.000	6	39.226	56.645	15.000	0.000
"3/1/2001"	"3004530348"	"	0.2600	-2.0	11.000	6	48.387	55.516	15.000	0.000
"4/1/2001"	"3004529598"	"	0.2600	1.0	14.000	0	0.000	0.000	15.000	0.000
"4/1/2001"	"3004529649"	"	0.2600	-1.0	14.000	6	34.667	78.233	15.000	0.000
"4/1/2001"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	129.967	15.000	0.000
"4/1/2001"	"3004529825"	"	0.2600	0.0	14.000	6	15.500	34.867	15.000	0.000
"4/1/2001"	"3004530058"	"	0.2600	-3.0	12.000	6	54.667	127.433	15.000	0.000
"4/1/2001"	"3004530062"	"	0.2600	-1.0	15.000	6	65.000	28.867	15.000	0.000
"4/1/2001"	"3004530069"	"	0.2600	0.0	20.000	5	84.000	1.600	15.000	0.000
"4/1/2001"	"3004530114"	"	0.2600	-1.0	13.000	6	40.533	72.767	15.000	0.000
"4/1/2001"	"3004530348"	"	0.2600	-2.0	11.000	6	50.000	72.400	15.000	0.000
"5/1/2001"	"3004529598"	"	0.2600	1.0	14.000	0	2.452	0.065	15.000	0.000
"5/1/2001"	"3004529649"	"	0.2600	-1.0	14.000	6	38.710	87.806	15.000	0.000

"5/1/2001"	"3004529737	"	0.2600	-3.0	13.000	6	77.419	115.032	15.000	0.000
"5/1/2001"	"3004529825	"	0.2600	0.0	14.000	6	15.000	34.645	15.000	0.000
"5/1/2001"	"3004530058	"	0.2600	-3.0	12.000	6	89.032	209.548	15.000	0.000
"5/1/2001"	"3004530062	"	0.2600	-1.0	15.000	6	62.903	36.710	15.000	0.000
"5/1/2001"	"3004530069	"	0.2600	0.0	20.000	5	104.516	3.645	15.000	0.000
"5/1/2001"	"3004530114	"	0.2600	-1.0	13.000	6	39.226	63.065	15.000	0.000
"5/1/2001"	"3004530348	"	0.2600	-2.0	11.000	6	48.387	61.935	15.000	0.000
"6/1/2001"	"3004529598	"	0.2600	1.0	14.000	0	0.000	0.000	15.000	0.000
"6/1/2001"	"3004529649	"	0.2600	-1.0	14.000	6	40.000	74.033	15.000	0.000
"6/1/2001"	"3004529737	"	0.2600	-3.0	13.000	6	80.000	75.600	15.000	0.000
"6/1/2001"	"3004529825	"	0.2600	0.0	14.000	6	21.333	22.933	15.000	0.000
"6/1/2001"	"3004530058	"	0.2600	-3.0	12.000	6	69.333	146.767	15.000	0.000
"6/1/2001"	"3004530062	"	0.2600	-1.0	15.000	6	30.000	21.633	15.000	0.000
"6/1/2001"	"3004530069	"	0.2600	0.0	20.000	5	276.000	8.267	15.000	0.000
"6/1/2001"	"3004530114	"	0.2600	-1.0	13.000	6	40.533	62.167	15.000	0.000
"6/1/2001"	"3004530348	"	0.2600	-2.0	11.000	6	50.000	44.067	15.000	0.000
"7/1/2001"	"3004529598	"	0.2600	1.0	14.000	0	0.000	0.000	15.000	0.000
"7/1/2001"	"3004529649	"	0.2600	-1.0	14.000	6	40.000	107.968	15.000	0.000
"7/1/2001"	"3004529737	"	0.2600	-3.0	13.000	6	80.000	135.774	15.000	0.000
"7/1/2001"	"3004529825	"	0.2600	0.0	14.000	6	20.645	35.000	15.000	0.000
"7/1/2001"	"3004530058	"	0.2600	-3.0	12.000	6	65.161	190.710	15.000	0.000
"7/1/2001"	"3004530062	"	0.2600	-1.0	15.000	6	30.000	30.226	15.000	0.000
"7/1/2001"	"3004530069	"	0.2600	0.0	20.000	5	2.581	4.645	15.000	0.000
"7/1/2001"	"3004530114	"	0.2600	-1.0	13.000	6	39.226	64.097	15.000	0.000
"7/1/2001"	"3004530348	"	0.2600	-2.0	11.000	6	50.000	70.710	15.000	0.000
"8/1/2001"	"3004529598	"	0.2600	1.0	14.000	0	0.000	0.000	15.000	0.000
"8/1/2001"	"3004529649	"	0.2600	-1.0	14.000	6	40.000	106.065	15.000	0.000
"8/1/2001"	"3004529737	"	0.2600	-3.0	13.000	6	80.000	139.000	15.000	0.000
"8/1/2001"	"3004529825	"	0.2600	0.0	14.000	6	14.194	40.032	15.000	0.000
"8/1/2001"	"3004530058	"	0.2600	-3.0	12.000	6	51.613	156.839	15.000	0.000
"8/1/2001"	"3004530062	"	0.2600	-1.0	15.000	6	30.000	41.677	15.000	0.000
"8/1/2001"	"3004530069	"	0.2600	0.0	20.000	0	0.000	0.000	15.000	0.000
"8/1/2001"	"3004530114	"	0.2600	-1.0	13.000	6	39.226	54.677	15.000	0.000
"8/1/2001"	"3004530348	"	0.2600	-2.0	11.000	6	50.000	62.419	15.000	0.000
"9/1/2001"	"3004529598	"	0.2600	1.0	14.000	0	0.000	0.000	15.000	0.000
"9/1/2001"	"3004529649	"	0.2600	-1.0	14.000	6	40.000	97.333	15.000	0.000
"9/1/2001"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	134.933	15.000	0.000
"9/1/2001"	"3004529825	"	0.2600	0.0	14.000	6	15.667	39.667	15.000	0.000
"9/1/2001"	"3004530058	"	0.2600	-3.0	12.000	6	117.333	329.733	15.000	0.000

"9/1/2001"	"3004530062"	"	0.2600	-1.0	15.000	6	65.000	38.333	15.000	0.000
"9/1/2001"	"3004530069"	"	0.2600	0.0	20.000	5	132.000	7.700	15.000	0.000
"9/1/2001"	"3004530114"	"	0.2600	-1.0	13.000	6	40.533	50.667	15.000	0.000
"9/1/2001"	"3004530348"	"	0.2600	-2.0	11.000	6	50.000	57.333	15.000	0.000
"10/1/2001"	"3004529598"	"	0.2600	1.0	14.000	0	2.903	0.839	15.000	0.000
"10/1/2001"	"3004529649"	"	0.2600	-1.0	14.000	6	40.000	61.290	15.000	0.000
"10/1/2001"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	108.419	15.000	0.000
"10/1/2001"	"3004529825"	"	0.2600	0.0	14.000	6	18.387	28.000	15.000	0.000
"10/1/2001"	"3004530058"	"	0.2600	-3.0	12.000	6	100.645	215.968	15.000	0.000
"10/1/2001"	"3004530062"	"	0.2600	-1.0	15.000	6	65.032	28.161	15.000	0.000
"10/1/2001"	"3004530069"	"	0.2600	0.0	20.000	5	116.129	4.806	15.000	0.000
"10/1/2001"	"3004530114"	"	0.2600	-1.0	13.000	6	39.226	36.161	15.000	0.000
"10/1/2001"	"3004530348"	"	0.2600	-2.0	11.000	6	50.000	37.613	15.000	0.000
"11/1/2001"	"3004529825"	"	0.2600	0.0	14.000	6	18.387	40.000	15.000	0.000
"11/1/2001"	"3004530069"	"	0.2600	0.0	20.000	6	116.129	8.000	15.000	0.000
"11/01/2001"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	125.000	15.000	0.000
"11/01/2001"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	162.000	15.000	0.000
"11/01/2001"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	220.000	15.000	0.000
"11/01/2001"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	50.000	15.000	0.000
"11/01/2001"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	62.000	15.000	0.000
"11/01/2001"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	60.000	15.000	0.000
"12/01/2001"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	129.600	15.000	0.000
"12/01/2001"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	166.000	15.000	0.000
"12/01/2001"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	222.000	15.000	0.000
"12/01/2001"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	55.000	15.000	0.000
"12/01/2001"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	66.800	15.000	0.000
"12/01/2001"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	64.600	15.000	0.000
"01/01/2002"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	134.200	15.000	0.000
"01/01/2002"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	170.000	15.000	0.000
"01/01/2002"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	224.000	15.000	0.000
"01/01/2002"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	60.000	15.000	0.000
"01/01/2002"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	71.600	15.000	0.000
"01/01/2002"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	69.200	15.000	0.000
"02/01/2002"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	138.800	15.000	0.000
"02/01/2002"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	174.000	15.000	0.000
"02/01/2002"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	226.000	15.000	0.000
"02/01/2002"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	65.000	15.000	0.000
"02/01/2002"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	76.400	15.000	0.000
"02/01/2002"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	73.800	15.000	0.000

"03/01/2002"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	143.400	15.000	0.000
"03/01/2002"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	178.000	15.000	0.000
"03/01/2002"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	228.000	15.000	0.000
"03/01/2002"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	70.000	15.000	0.000
"03/01/2002"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	81.200	15.000	0.000
"03/01/2002"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	78.400	15.000	0.000
"04/01/2002"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	148.000	15.000	0.000
"04/01/2002"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	182.000	15.000	0.000
"04/01/2002"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	230.000	15.000	0.000
"04/01/2002"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	75.000	15.000	0.000
"04/01/2002"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	86.000	15.000	0.000
"04/01/2002"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	83.000	15.000	0.000
"05/01/2002"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	152.600	15.000	0.000
"05/01/2002"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	186.000	15.000	0.000
"05/01/2002"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	232.000	15.000	0.000
"05/01/2002"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	80.000	15.000	0.000
"05/01/2002"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	90.800	15.000	0.000
"05/01/2002"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	87.600	15.000	0.000
"06/01/2002"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	157.200	15.000	0.000
"06/01/2002"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	190.000	15.000	0.000
"06/01/2002"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	234.000	15.000	0.000
"06/01/2002"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	85.000	15.000	0.000
"06/01/2002"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	95.600	15.000	0.000
"06/01/2002"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	92.200	15.000	0.000
"07/01/2002"	"3004529825	"	0.2600	0.0	14.000	6	20.000	40.000	15.000	0.000
"07/01/2002"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	161.800	15.000	0.000
"07/01/2002"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	194.000	15.000	0.000
"07/01/2002"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	236.000	15.000	0.000
"07/01/2002"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	90.000	15.000	0.000
"07/01/2002"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	100.400	15.000	0.000
"07/01/2002"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	96.800	15.000	0.000
"08/01/2002"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	166.400	15.000	0.000
"08/01/2002"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	198.000	15.000	0.000
"08/01/2002"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	238.000	15.000	0.000
"08/01/2002"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	95.000	15.000	0.000
"08/01/2002"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	105.200	15.000	0.000
"08/01/2002"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	101.400	15.000	0.000
"09/01/2002"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	171.000	15.000	0.000
"09/01/2002"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	202.000	15.000	0.000

"09/01/2002"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	240.000	15.000	0.000
"09/01/2002"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	100.000	15.000	0.000
"09/01/2002"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	110.000	15.000	0.000
"09/01/2002"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	106.000	15.000	0.000
"10/01/2002"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	175.600	15.000	0.000
"10/01/2002"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	206.000	15.000	0.000
"10/01/2002"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	242.000	15.000	0.000
"10/01/2002"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	105.000	15.000	0.000
"10/01/2002"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	114.800	15.000	0.000
"10/01/2002"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	110.600	15.000	0.000
"11/01/2002"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	180.200	15.000	0.000
"11/01/2002"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	210.000	15.000	0.000
"11/01/2002"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	244.000	15.000	0.000
"11/01/2002"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	110.000	15.000	0.000
"11/01/2002"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	119.600	15.000	0.000
"11/01/2002"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	115.200	15.000	0.000
"12/01/2002"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	184.800	15.000	0.000
"12/01/2002"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	214.000	15.000	0.000
"12/01/2002"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	246.000	15.000	0.000
"12/01/2002"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	115.000	15.000	0.000
"12/01/2002"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	124.400	15.000	0.000
"12/01/2002"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	119.800	15.000	0.000
"01/01/2003"	"3004529825"	"	0.2600	0.0	14.000	6	20.000	40.000	15.000	0.000
"01/01/2003"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	189.400	15.000	0.000
"01/01/2003"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	218.000	15.000	0.000
"01/01/2003"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	248.000	15.000	0.000
"01/01/2003"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	120.000	15.000	0.000
"01/01/2003"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	129.200	15.000	0.000
"01/01/2003"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	124.400	15.000	0.000
"01/01/2003"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	50.000	15.000	0.000
"02/01/2003"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	194.000	15.000	0.000
"02/01/2003"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	222.000	15.000	0.000
"02/01/2003"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	250.000	15.000	0.000
"02/01/2003"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	125.000	15.000	0.000
"02/01/2003"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	134.000	15.000	0.000
"02/01/2003"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	129.000	15.000	0.000
"02/01/2003"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	54.200	15.000	0.000
"03/01/2003"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	198.600	15.000	0.000
"03/01/2003"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	226.000	15.000	0.000

"03/01/2003"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	252.000	15.000	0.000
"03/01/2003"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	130.000	15.000	0.000
"03/01/2003"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	138.800	15.000	0.000
"03/01/2003"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	133.600	15.000	0.000
"03/01/2003"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	58.400	15.000	0.000
"04/01/2003"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	203.200	15.000	0.000
"04/01/2003"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	230.000	15.000	0.000
"04/01/2003"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	254.000	15.000	0.000
"04/01/2003"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	135.000	15.000	0.000
"04/01/2003"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	143.600	15.000	0.000
"04/01/2003"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	138.200	15.000	0.000
"04/01/2003"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	62.600	15.000	0.000
"05/01/2003"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	207.800	15.000	0.000
"05/01/2003"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	234.000	15.000	0.000
"05/01/2003"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	256.000	15.000	0.000
"05/01/2003"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	140.000	15.000	0.000
"05/01/2003"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	148.400	15.000	0.000
"05/01/2003"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	142.800	15.000	0.000
"05/01/2003"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	66.800	15.000	0.000
"06/01/2003"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	212.400	15.000	0.000
"06/01/2003"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	238.000	15.000	0.000
"06/01/2003"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	258.000	15.000	0.000
"06/01/2003"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	145.000	15.000	0.000
"06/01/2003"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	153.200	15.000	0.000
"06/01/2003"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	147.400	15.000	0.000
"06/01/2003"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	71.000	15.000	0.000
"07/01/2003"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	217.000	15.000	0.000
"07/01/2003"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	242.000	15.000	0.000
"07/01/2003"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	260.000	15.000	0.000
"07/01/2003"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	150.000	15.000	0.000
"07/01/2003"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	158.000	15.000	0.000
"07/01/2003"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	152.000	15.000	0.000
"07/01/2003"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	75.200	15.000	0.000
"08/01/2003"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	221.600	15.000	0.000
"08/01/2003"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	246.000	15.000	0.000
"08/01/2003"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	262.000	15.000	0.000
"08/01/2003"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	155.000	15.000	0.000
"08/01/2003"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	162.800	15.000	0.000
"08/01/2003"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	156.600	15.000	0.000

"08/01/2003"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	79.400	15.000	0.000
"09/01/2003"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	226.200	15.000	0.000
"09/01/2003"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	250.000	15.000	0.000
"09/01/2003"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	264.000	15.000	0.000
"09/01/2003"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	160.000	15.000	0.000
"09/01/2003"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	167.600	15.000	0.000
"09/01/2003"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	161.200	15.000	0.000
"09/01/2003"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	83.600	15.000	0.000
"10/01/2003"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	230.800	15.000	0.000
"10/01/2003"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	254.000	15.000	0.000
"10/01/2003"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	266.000	15.000	0.000
"10/01/2003"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	165.000	15.000	0.000
"10/01/2003"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	172.400	15.000	0.000
"10/01/2003"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	165.800	15.000	0.000
"10/01/2003"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	87.800	15.000	0.000
"11/01/2003"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	235.400	15.000	0.000
"11/01/2003"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	258.000	15.000	0.000
"11/01/2003"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	268.000	15.000	0.000
"11/01/2003"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	170.000	15.000	0.000
"11/01/2003"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	177.200	15.000	0.000
"11/01/2003"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	170.400	15.000	0.000
"11/01/2003"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	92.000	15.000	0.000
"12/01/2003"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	240.000	15.000	0.000
"12/01/2003"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	262.000	15.000	0.000
"12/01/2003"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	270.000	15.000	0.000
"12/01/2003"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	175.000	15.000	0.000
"12/01/2003"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	182.000	15.000	0.000
"12/01/2003"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	175.000	15.000	0.000
"12/01/2003"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	96.200	15.000	0.000
"01/01/2004"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	244.600	15.000	0.000
"01/01/2004"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	266.000	15.000	0.000
"01/01/2004"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	272.000	15.000	0.000
"01/01/2004"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	180.000	15.000	0.000
"01/01/2004"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	186.800	15.000	0.000
"01/01/2004"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	179.600	15.000	0.000
"01/01/2004"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	100.400	15.000	0.000
"02/01/2004"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	249.200	15.000	0.000
"02/01/2004"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	270.000	15.000	0.000
"02/01/2004"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	274.000	15.000	0.000

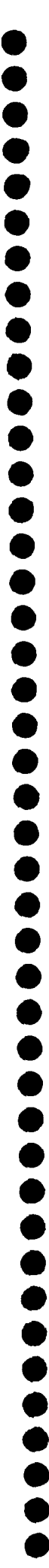
"02/01/2004"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	185.000	15.000	0.000
"02/01/2004"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	191.600	15.000	0.000
"02/01/2004"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	184.200	15.000	0.000
"02/01/2004"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	104.600	15.000	0.000
"03/01/2004"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	253.800	15.000	0.000
"03/01/2004"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	274.000	15.000	0.000
"03/01/2004"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	276.000	15.000	0.000
"03/01/2004"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	190.000	15.000	0.000
"03/01/2004"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	196.400	15.000	0.000
"03/01/2004"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	188.800	15.000	0.000
"03/01/2004"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	108.800	15.000	0.000
"04/01/2004"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	258.400	15.000	0.000
"04/01/2004"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	278.000	15.000	0.000
"04/01/2004"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	278.000	15.000	0.000
"04/01/2004"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	195.000	15.000	0.000
"04/01/2004"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	201.200	15.000	0.000
"04/01/2004"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	193.400	15.000	0.000
"04/01/2004"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	113.000	15.000	0.000
"05/01/2004"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	263.000	15.000	0.000
"05/01/2004"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	282.000	15.000	0.000
"05/01/2004"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	280.000	15.000	0.000
"05/01/2004"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	200.000	15.000	0.000
"05/01/2004"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	206.000	15.000	0.000
"05/01/2004"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	198.000	15.000	0.000
"05/01/2004"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	117.200	15.000	0.000
"06/01/2004"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	267.600	15.000	0.000
"06/01/2004"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	286.000	15.000	0.000
"06/01/2004"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	282.000	15.000	0.000
"06/01/2004"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	205.000	15.000	0.000
"06/01/2004"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	210.800	15.000	0.000
"06/01/2004"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	202.600	15.000	0.000
"06/01/2004"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	121.400	15.000	0.000
"07/01/2004"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	272.200	15.000	0.000
"07/01/2004"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	290.000	15.000	0.000
"07/01/2004"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	284.000	15.000	0.000
"07/01/2004"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	210.000	15.000	0.000
"07/01/2004"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	215.600	15.000	0.000
"07/01/2004"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	207.200	15.000	0.000
"07/01/2004"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	125.600	15.000	0.000

"08/01/2004"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	276.800	15.000	0.000
"08/01/2004"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	294.000	15.000	0.000
"08/01/2004"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	286.000	15.000	0.000
"08/01/2004"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	215.000	15.000	0.000
"08/01/2004"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	220.400	15.000	0.000
"08/01/2004"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	211.800	15.000	0.000
"08/01/2004"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	129.800	15.000	0.000
"09/01/2004"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	281.400	15.000	0.000
"09/01/2004"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	298.000	15.000	0.000
"09/01/2004"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	288.000	15.000	0.000
"09/01/2004"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	220.000	15.000	0.000
"09/01/2004"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	225.200	15.000	0.000
"09/01/2004"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	216.400	15.000	0.000
"09/01/2004"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	134.000	15.000	0.000
"10/01/2004"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	286.000	15.000	0.000
"10/01/2004"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	302.000	15.000	0.000
"10/01/2004"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	290.000	15.000	0.000
"10/01/2004"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	225.000	15.000	0.000
"10/01/2004"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	230.000	15.000	0.000
"10/01/2004"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	221.000	15.000	0.000
"10/01/2004"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	138.200	15.000	0.000
"11/01/2004"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	290.600	15.000	0.000
"11/01/2004"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	292.000	15.000	0.000
"11/01/2004"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	230.000	15.000	0.000
"11/01/2004"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	234.800	15.000	0.000
"11/01/2004"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	225.600	15.000	0.000
"11/01/2004"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	142.400	15.000	0.000
"12/01/2004"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	295.200	15.000	0.000
"12/01/2004"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	294.000	15.000	0.000
"12/01/2004"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	235.000	15.000	0.000
"12/01/2004"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	239.600	15.000	0.000
"12/01/2004"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	230.200	15.000	0.000
"12/01/2004"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	146.600	15.000	0.000
"01/01/2005"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	299.800	15.000	0.000
"01/01/2005"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	296.000	15.000	0.000
"01/01/2005"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	240.000	15.000	0.000
"01/01/2005"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	244.400	15.000	0.000
"01/01/2005"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	234.800	15.000	0.000
"01/01/2005"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	150.800	15.000	0.000

"02/01/2005"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	298.000	15.000	0.000
"02/01/2005"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	245.000	15.000	0.000
"02/01/2005"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	249.200	15.000	0.000
"02/01/2005"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	239.400	15.000	0.000
"02/01/2005"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	155.000	15.000	0.000
"03/01/2005"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	300.000	15.000	0.000
"03/01/2005"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	250.000	15.000	0.000
"03/01/2005"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	254.000	15.000	0.000
"03/01/2005"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	244.000	15.000	0.000
"03/01/2005"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	159.200	15.000	0.000
"04/01/2005"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	302.000	15.000	0.000
"04/01/2005"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	255.000	15.000	0.000
"04/01/2005"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	258.800	15.000	0.000
"04/01/2005"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	248.600	15.000	0.000
"04/01/2005"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	163.400	15.000	0.000
"05/01/2005"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	260.000	15.000	0.000
"05/01/2005"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	263.600	15.000	0.000
"05/01/2005"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	253.200	15.000	0.000
"05/01/2005"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	167.600	15.000	0.000
"06/01/2005"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	265.000	15.000	0.00
"06/01/2005"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	268.400	15.000	0.000
"06/01/2005"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	257.800	15.000	0.000
"06/01/2005"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	171.800	15.000	0.000
"07/01/2005"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	270.000	15.000	0.000
"07/01/2005"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	273.200	15.000	0.000
"07/01/2005"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	262.400	15.000	0.000
"07/01/2005"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	176.000	15.000	0.000
"08/01/2005"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	275.000	15.000	0.000
"08/01/2005"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	278.000	15.000	0.000
"08/01/2005"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	267.000	15.000	0.000
"08/01/2005"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	180.200	15.000	0.000
"09/01/2005"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	280.000	15.000	0.000
"09/01/2005"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	282.800	15.000	0.000
"09/01/2005"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	271.600	15.000	0.000
"09/01/2005"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	184.400	15.000	0.000
"10/01/2005"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	285.000	15.000	0.000
"10/01/2005"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	287.600	15.000	0.000
"10/01/2005"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	276.200	15.000	0.000
"10/01/2005"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	188.600	15.000	0.000

"11/01/2005"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	290.000	15.000	0.000
"11/01/2005"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	292.400	15.000	0.000
"11/01/2005"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	280.800	15.000	0.000
"11/01/2005"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	192.800	15.000	0.000
"12/01/2005"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	295.000	15.000	0.000
"12/01/2005"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	297.200	15.000	0.000
"12/01/2005"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	285.400	15.000	0.000
"12/01/2005"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	197.000	15.000	0.000
"1/01/2006"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	299.800	15.000	0.000
"01/01/2006"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	300.000	15.000	0.000
"01/01/2006"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	302.000	15.000	0.000
"01/01/2006"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	290.000	15.000	0.000
"01/01/2006"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	201.200	15.000	0.000
"02/01/2006"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	294.600	15.000	0.000
"02/01/2006"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	205.400	15.000	0.000
"03/01/2006"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	299.200	15.000	0.000
"03/01/2006"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	209.600	15.000	0.000
"04/01/2006"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	213.800	15.000	0.000
"05/01/2006"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	218.000	15.000	0.000
"06/01/2006"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	222.200	15.000	0.000
"07/01/2006"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	226.400	15.000	0.000
"08/01/2006"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	230.600	15.000	0.000
"09/01/2006"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	234.800	15.000	0.000
"10/01/2006"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	239.000	15.000	0.000
"11/01/2006"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	243.200	15.000	0.000
"12/01/2006"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	247.400	15.000	0.000
"1/1/2007"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	300.000	15.000	0.000
"1/1/2007"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	302.000	15.000	0.000
"1/1/2007"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	299.200	15.000	0.000
"01/01/2007"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	251.600	15.000	0.000
"02/01/2007"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	255.800	15.000	0.000
"03/01/2007"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	260.000	15.000	0.000
"04/01/2007"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	264.200	15.000	0.000
"05/01/2007"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	268.400	15.000	0.000
"06/01/2007"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	272.600	15.000	0.000
"07/01/2007"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	276.800	15.000	0.000
"08/01/2007"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	281.000	15.000	0.000
"09/01/2007"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	285.200	15.000	0.000
"10/01/2007"	"3004529598	"	0.2600	-3.0	14.000	0	20.000	289.400	15.000	0.000

"11/01/2007"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	293.600	15.000	0.000
"12/01/2007"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	297.800	15.000	0.000
"01/01/2008"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	302.000	15.000	0.000
"01/01/2009"	"3004529598"	"	0.2600	-3.0	14.000	0	20.000	302.000	15.000	0.000



Input Deck

Infills and Recompletions

Lower Coal

Richardson Operating Company-West Farmington Project-Fruitland Coal Gas

#

#	MM/D/YYYY	Well ID	Rw	Skin	NetPay	WC	QwMax	QgMax	PwMin	BHP
"10/1/1999"	"3004529737	"	0.2600	-3.0	13.000	5	13.000	5.290	15.000	0.000
"11/1/1999"	"3004529598	"	0.2600	1.0	14.000	0	120.000	3.000	15.000	0.000
"11/1/1999"	"3004529737	"	0.2600	-3.0	13.000	6	62.600	57.733	15.000	0.000
"12/1/1999"	"3004529598	"	0.2600	1.0	14.000	0	120.000	2.903	15.000	0.000
"12/1/1999"	"3004529737	"	0.2600	-3.0	13.000	6	62.600	59.323	15.000	0.000
"1/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	120.000	1.581	15.000	0.000
"1/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	22.581	31.290	15.000	0.000
"1/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	46.452	41.452	15.000	0.000
"1/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	1.129	5.290	15.000	0.000
"1/1/2000"	"3004530058	"	0.2600	-3.0	12.000	0	0.000	0.000	15.000	0.000
"1/1/2000"	"3004530069	"	0.2600	0.0	20.000	0	0.000	0.000	15.000	0.000
"2/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	91.034	6.310	15.000	0.000
"2/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	25.000	97.448	15.000	0.000
"2/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	33.103	101.586	15.000	0.000
"2/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	7.000	56.172	15.000	0.000
"2/1/2000"	"3004530058	"	0.2600	-3.0	12.000	0	0.000	0.000	15.000	0.000
"2/1/2000"	"3004530069	"	0.2600	0.0	20.000	0	0.000	0.000	15.000	0.000
"3/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	42.581	2.065	15.000	0.000
"3/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	22.581	78.871	15.000	0.000
"3/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	80.710	15.000	0.000
"3/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	6.323	44.839	15.000	0.000
"3/1/2000"	"3004530058	"	0.2600	-3.0	12.000	0	0.000	0.000	15.000	0.000
"3/1/2000"	"3004530069	"	0.2600	0.0	20.000	0	0.000	0.000	15.000	0.000
"4/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	20.000	1.133	15.000	0.000
"4/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	25.000	71.167	15.000	0.000
"4/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	95.233	15.000	0.000
"4/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	7.000	40.800	15.000	0.000
"4/1/2000"	"3004530058	"	0.2600	-3.0	12.000	6	98.667	87.500	150.000	0.000
"4/1/2000"	"3004530069	"	0.2600	0.0	20.000	0	0.000	0.000	15.000	0.000
"5/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	7.742	0.000	15.000	0.000
"5/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	18.065	55.548	15.000	0.000
"5/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	58.065	87.645	15.000	0.000
"5/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	19.355	37.129	15.000	0.000
"5/1/2000"	"3004530058	"	0.2600	-3.0	12.000	5	23.226	165.065	15.000	0.000
"5/1/2000"	"3004530069	"	0.2600	0.0	20.000	5	80.000	1.129	15.000	0.000
"6/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	0.000	0.000	15.000	0.000

"6/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	20.000	53.967	15.000	0.000
"6/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	95.533	15.000	0.000
"6/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	20.000	34.700	15.000	0.000
"6/1/2000"	"3004530058	"	0.2600	-3.0	12.000	6	29.333	178.967	15.000	0.000
"6/1/2000"	"3004530069	"	0.2600	0.0	20.000	5	88.000	3.467	15.000	0.000
"7/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	7.742	0.000	15.000	0.000
"7/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	15.000	63.710	15.000	0.000
"7/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	100.000	141.226	15.000	0.000
"7/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	20.000	34.452	15.000	0.000
"7/1/2000"	"3004530058	"	0.2600	-3.0	12.000	6	49.677	249.419	15.000	0.000
"7/1/2000"	"3004530069	"	0.2600	0.0	20.000	0	0.000	0.000	15.000	0.000
"8/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	6.452	1.419	15.000	0.000
"8/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	15.000	57.323	15.000	0.000
"8/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	100.000	163.258	15.000	0.000
"8/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	20.000	36.452	15.000	0.000
"8/1/2000"	"3004530058	"	0.2600	-3.0	12.000	6	49.032	295.903	15.000	0.000
"8/1/2000"	"3004530069	"	0.2600	0.0	20.000	5	167.742	1.677	15.000	0.000
"9/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	6.500	6.833	15.000	0.000
"9/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	25.000	40.100	15.000	0.000
"9/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	105.000	146.100	15.000	0.000
"9/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	20.000	39.533	15.000	0.000
"9/1/2000"	"3004530058	"	0.2600	-3.0	12.000	6	120.000	248.600	15.000	0.000
"9/1/2000"	"3004530069	"	0.2600	0.0	20.000	5	146.667	2.133	15.000	0.000
"10/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	0.000	0.000	15.000	0.000
"10/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	24.194	86.000	15.000	0.000
"10/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	105.000	126.355	15.000	0.000
"10/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	20.000	31.903	15.000	0.000
"10/1/2000"	"3004530058	"	0.2600	-3.0	12.000	6	160.000	245.065	15.000	0.000
"10/1/2000"	"3004530069	"	0.2600	0.0	20.000	0	0.000	0.000	15.000	0.000
"11/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	0.000	0.000	15.000	0.000
"11/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	15.000	136.333	15.000	0.000
"11/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	100.000	136.400	15.000	0.000
"11/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	18.000	27.867	15.000	0.000
"11/1/2000"	"3004530058	"	0.2600	-3.0	12.000	6	160.000	259.667	15.000	0.000
"11/1/2000"	"3004530069	"	0.2600	0.0	20.000	0	0.000	0.000	15.000	0.000
"12/1/2000"	"3004529598	"	0.2600	1.0	14.000	0	0.000	0.452	15.000	0.000
"12/1/2000"	"3004529649	"	0.2600	-1.0	14.000	6	15.000	125.871	15.000	0.000
"12/1/2000"	"3004529737	"	0.2600	-3.0	13.000	6	100.000	125.194	15.000	0.000
"12/1/2000"	"3004529825	"	0.2600	0.0	14.000	6	20.000	31.387	15.000	0.000

"12/1/2000"	"3004530058"	"	0.2600	-3.0	12.000	6	154.839	217.161	15.000	0.000
"12/1/2000"	"3004530069"	"	0.2600	0.0	20.000	5	103.226	0.000	15.000	0.000
"1/1/2001"	"3004529598"	"	0.2600	1.0	14.000	0	7.742	1.903	15.000	0.000
"1/1/2001"	"3004529649"	"	0.2600	-1.0	14.000	6	30.000	97.000	15.000	0.000
"1/1/2001"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	123.613	15.000	0.000
"1/1/2001"	"3004529825"	"	0.2600	0.0	14.000	6	20.000	31.548	15.000	0.000
"1/1/2001"	"3004530058"	"	0.2600	-3.0	12.000	6	183.871	180.258	15.000	0.000
"1/1/2001"	"3004530062"	"	0.2600	-1.0	15.000	0	0.000	0.000	15.000	0.000
"1/1/2001"	"3004530069"	"	0.2600	0.0	20.000	5	103.226	3.129	15.000	0.000
"1/1/2001"	"3004530348"	"	0.2600	-2.0	11.000	6	0.000	0.000	15.000	0.000
"2/1/2001"	"3004529598"	"	0.2600	1.0	14.000	0	2.857	0.857	15.000	0.000
"2/1/2001"	"3004529649"	"	0.2600	-1.0	14.000	6	22.857	89.786	15.000	0.000
"2/1/2001"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	104.357	15.000	0.000
"2/1/2001"	"3004529825"	"	0.2600	0.0	14.000	6	20.000	45.036	15.000	0.000
"2/1/2001"	"3004530058"	"	0.2600	-3.0	12.000	6	35.000	162.036	15.000	0.000
"2/1/2001"	"3004530062"	"	0.2600	-1.0	15.000	6	8.571	8.857	15.000	0.000
"2/1/2001"	"3004530069"	"	0.2600	0.0	20.000	5	71.429	1.929	15.000	0.000
"2/1/2001"	"3004530114"	"	0.2600	-1.0	13.000	6	43.429	14.857	15.000	0.000
"2/1/2001"	"3004530348"	"	0.2600	-2.0	11.000	6	0.000	0.000	15.000	0.000
"3/1/2001"	"3004529598"	"	0.2600	1.0	14.000	0	0.000	0.000	15.000	0.000
"3/1/2001"	"3004529649"	"	0.2600	-1.0	14.000	6	40.000	106.677	15.000	0.000
"3/1/2001"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	131.710	15.000	0.000
"3/1/2001"	"3004529825"	"	0.2600	0.0	14.000	6	24.355	38.968	15.000	0.000
"3/1/2001"	"3004530058"	"	0.2600	-3.0	12.000	6	20.000	146.516	15.000	0.000
"3/1/2001"	"3004530062"	"	0.2600	-1.0	15.000	6	65.000	28.097	15.000	0.000
"3/1/2001"	"3004530069"	"	0.2600	0.0	20.000	0	0.000	0.000	15.000	0.000
"3/1/2001"	"3004530114"	"	0.2600	-1.0	13.000	6	39.226	56.645	15.000	0.000
"3/1/2001"	"3004530348"	"	0.2600	-2.0	11.000	6	48.387	55.516	15.000	0.000
"4/1/2001"	"3004529598"	"	0.2600	1.0	14.000	0	0.000	0.000	15.000	0.000
"4/1/2001"	"3004529649"	"	0.2600	-1.0	14.000	6	34.667	78.233	15.000	0.000
"4/1/2001"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	129.967	15.000	0.000
"4/1/2001"	"3004529825"	"	0.2600	0.0	14.000	6	15.500	34.867	15.000	0.000
"4/1/2001"	"3004530058"	"	0.2600	-3.0	12.000	6	54.667	127.433	15.000	0.000
"4/1/2001"	"3004530062"	"	0.2600	-1.0	15.000	6	65.000	28.867	15.000	0.000
"4/1/2001"	"3004530069"	"	0.2600	0.0	20.000	5	84.000	1.600	15.000	0.000
"4/1/2001"	"3004530114"	"	0.2600	-1.0	13.000	6	40.533	72.767	15.000	0.000
"4/1/2001"	"3004530348"	"	0.2600	-2.0	11.000	6	50.000	72.400	15.000	0.000
"5/1/2001"	"3004529598"	"	0.2600	1.0	14.000	0	2.452	0.065	15.000	0.000
"5/1/2001"	"3004529649"	"	0.2600	-1.0	14.000	6	38.710	87.806	15.000	0.000

"5/1/2001"	"3004529737"	"	0.2600	-3.0	13.000	6	77.419	115.032	15.000	0.000
"5/1/2001"	"3004529825"	"	0.2600	0.0	14.000	6	15.000	34.645	15.000	0.000
"5/1/2001"	"3004530058"	"	0.2600	-3.0	12.000	6	89.032	209.548	15.000	0.000
"5/1/2001"	"3004530062"	"	0.2600	-1.0	15.000	6	62.903	36.710	15.000	0.000
"5/1/2001"	"3004530069"	"	0.2600	0.0	20.000	5	104.516	3.645	15.000	0.000
"5/1/2001"	"3004530114"	"	0.2600	-1.0	13.000	6	39.226	63.065	15.000	0.000
"5/1/2001"	"3004530348"	"	0.2600	-2.0	11.000	6	48.387	61.935	15.000	0.000
"6/1/2001"	"3004529598"	"	0.2600	1.0	14.000	0	0.000	0.000	15.000	0.000
"6/1/2001"	"3004529649"	"	0.2600	-1.0	14.000	6	40.000	74.033	15.000	0.000
"6/1/2001"	"3004529737"	"	0.2600	-3.0	13.000	6	80.000	75.600	15.000	0.000
"6/1/2001"	"3004529825"	"	0.2600	0.0	14.000	6	21.333	22.933	15.000	0.000
"6/1/2001"	"3004530058"	"	0.2600	-3.0	12.000	6	69.333	146.767	15.000	0.000
"6/1/2001"	"3004530062"	"	0.2600	-1.0	15.000	6	30.000	21.633	15.000	0.000
"6/1/2001"	"3004530069"	"	0.2600	0.0	20.000	5	276.000	8.267	15.000	0.000
"6/1/2001"	"3004530114"	"	0.2600	-1.0	13.000	6	40.533	62.167	15.000	0.000
"6/1/2001"	"3004530348"	"	0.2600	-2.0	11.000	6	50.000	44.067	15.000	0.000
"7/1/2001"	"3004529598"	"	0.2600	1.0	14.000	0	0.000	0.000	15.000	0.000
"7/1/2001"	"3004529649"	"	0.2600	-1.0	14.000	6	40.000	107.968	15.000	0.000
"7/1/2001"	"3004529737"	"	0.2600	-3.0	13.000	6	80.000	135.774	15.000	0.000
"7/1/2001"	"3004529825"	"	0.2600	0.0	14.000	6	20.645	35.000	15.000	0.000
"7/1/2001"	"3004530058"	"	0.2600	-3.0	12.000	6	65.161	190.710	15.000	0.000
"7/1/2001"	"3004530062"	"	0.2600	-1.0	15.000	6	30.000	30.226	15.000	0.000
"7/1/2001"	"3004530069"	"	0.2600	0.0	20.000	5	2.581	4.645	15.000	0.000
"7/1/2001"	"3004530114"	"	0.2600	-1.0	13.000	6	39.226	64.097	15.000	0.000
"7/1/2001"	"3004530348"	"	0.2600	-2.0	11.000	6	50.000	70.710	15.000	0.000
"8/1/2001"	"3004529598"	"	0.2600	1.0	14.000	0	0.000	0.000	15.000	0.000
"8/1/2001"	"3004529649"	"	0.2600	-1.0	14.000	6	40.000	106.065	15.000	0.000
"8/1/2001"	"3004529737"	"	0.2600	-3.0	13.000	6	80.000	139.000	15.000	0.000
"8/1/2001"	"3004529825"	"	0.2600	0.0	14.000	6	14.194	40.032	15.000	0.000
"8/1/2001"	"3004530058"	"	0.2600	-3.0	12.000	6	51.613	156.839	15.000	0.000
"8/1/2001"	"3004530062"	"	0.2600	-1.0	15.000	6	30.000	41.677	15.000	0.000
"8/1/2001"	"3004530069"	"	0.2600	0.0	20.000	0	0.000	0.000	15.000	0.000
"8/1/2001"	"3004530114"	"	0.2600	-1.0	13.000	6	39.226	54.677	15.000	0.000
"8/1/2001"	"3004530348"	"	0.2600	-2.0	11.000	6	50.000	62.419	15.000	0.000
"9/1/2001"	"3004529598"	"	0.2600	1.0	14.000	0	0.000	0.000	15.000	0.000
"9/1/2001"	"3004529649"	"	0.2600	-1.0	14.000	6	40.000	97.333	15.000	0.000
"9/1/2001"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	134.933	15.000	0.000
"9/1/2001"	"3004529825"	"	0.2600	0.0	14.000	6	15.667	39.667	15.000	0.000
"9/1/2001"	"3004530058"	"	0.2600	-3.0	12.000	6	117.333	329.733	15.000	0.000

"9/1/2001"	"3004530062"	"	0.2600	-1.0	15.000	6	65.000	38.333	15.000	0.000
"9/1/2001"	"3004530069"	"	0.2600	0.0	20.000	5	132.000	7.700	15.000	0.000
"9/1/2001"	"3004530114"	"	0.2600	-1.0	13.000	6	40.533	50.667	15.000	0.000
"9/1/2001"	"3004530348"	"	0.2600	-2.0	11.000	6	50.000	57.333	15.000	0.000
"10/1/2001"	"3004529598"	"	0.2600	1.0	14.000	0	2.903	0.839	15.000	0.000
"10/1/2001"	"3004529649"	"	0.2600	-1.0	14.000	6	40.000	61.290	15.000	0.000
"10/1/2001"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	108.419	15.000	0.000
"10/1/2001"	"3004529825"	"	0.2600	0.0	14.000	6	18.387	28.000	15.000	0.000
"10/1/2001"	"3004530058"	"	0.2600	-3.0	12.000	6	100.645	215.968	15.000	0.000
"10/1/2001"	"3004530062"	"	0.2600	-1.0	15.000	6	65.032	28.161	15.000	0.000
"10/1/2001"	"3004530069"	"	0.2600	0.0	20.000	5	116.129	4.806	15.000	0.000
"10/1/2001"	"3004530114"	"	0.2600	-1.0	13.000	6	39.226	36.161	15.000	0.000
"10/1/2001"	"3004530348"	"	0.2600	-2.0	11.000	6	50.000	37.613	15.000	0.000
"11/1/2001"	"3004529825"	"	0.2600	0.0	14.000	6	18.387	40.000	15.000	0.000
"11/1/2001"	"3004530069"	"	0.2600	0.0	20.000	6	116.129	8.000	15.000	0.000
"11/01/2001"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	125.000	15.000	0.000
"11/01/2001"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	162.000	15.000	0.000
"11/01/2001"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	220.000	15.000	0.000
"11/01/2001"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	50.000	15.000	0.000
"11/01/2001"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	62.000	15.000	0.000
"11/01/2001"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	60.000	15.000	0.000
"12/01/2001"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	129.600	15.000	0.000
"12/01/2001"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	166.000	15.000	0.000
"12/01/2001"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	222.000	15.000	0.000
"12/01/2001"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	55.000	15.000	0.000
"12/01/2001"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	66.800	15.000	0.000
"12/01/2001"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	64.600	15.000	0.000
"01/01/2002"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	134.200	15.000	0.000
"01/01/2002"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	170.000	15.000	0.000
"01/01/2002"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	224.000	15.000	0.000
"01/01/2002"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	60.000	15.000	0.000
"01/01/2002"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	71.600	15.000	0.000
"01/01/2002"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	69.200	15.000	0.000
"02/01/2002"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	138.800	15.000	0.000
"02/01/2002"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	174.000	15.000	0.000
"02/01/2002"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	226.000	15.000	0.000
"02/01/2002"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	65.000	15.000	0.000
"02/01/2002"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	76.400	15.000	0.000
"02/01/2002"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	73.800	15.000	0.000

"03/01/2002"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	143.400	15.000	0.000
"03/01/2002"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	178.000	15.000	0.000
"03/01/2002"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	228.000	15.000	0.000
"03/01/2002"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	70.000	15.000	0.000
"03/01/2002"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	81.200	15.000	0.000
"03/01/2002"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	78.400	15.000	0.000
"04/01/2002"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	148.000	15.000	0.000
"04/01/2002"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	182.000	15.000	0.000
"04/01/2002"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	230.000	15.000	0.000
"04/01/2002"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	75.000	15.000	0.000
"04/01/2002"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	86.000	15.000	0.000
"04/01/2002"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	83.000	15.000	0.000
"05/01/2002"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	152.600	15.000	0.000
"05/01/2002"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	186.000	15.000	0.000
"05/01/2002"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	232.000	15.000	0.000
"05/01/2002"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	80.000	15.000	0.000
"05/01/2002"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	90.800	15.000	0.000
"05/01/2002"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	87.600	15.000	0.000
"06/01/2002"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	157.200	15.000	0.000
"06/01/2002"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	190.000	15.000	0.000
"06/01/2002"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	234.000	15.000	0.000
"06/01/2002"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	85.000	15.000	0.000
"06/01/2002"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	95.600	15.000	0.000
"06/01/2002"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	92.200	15.000	0.000
"07/01/2002"	"3004529825	"	0.2600	0.0	14.000	6	20.000	40.000	15.000	0.000
"07/01/2002"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	161.800	15.000	0.000
"07/01/2002"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	194.000	15.000	0.000
"07/01/2002"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	236.000	15.000	0.000
"07/01/2002"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	90.000	15.000	0.000
"07/01/2002"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	100.400	15.000	0.000
"07/01/2002"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	96.800	15.000	0.000
"08/01/2002"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	166.400	15.000	0.000
"08/01/2002"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	198.000	15.000	0.000
"08/01/2002"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	238.000	15.000	0.000
"08/01/2002"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	95.000	15.000	0.000
"08/01/2002"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	105.200	15.000	0.000
"08/01/2002"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	101.400	15.000	0.000
"09/01/2002"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	171.000	15.000	0.000
"09/01/2002"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	202.000	15.000	0.000

"09/01/2002"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	240.000	15.000	0.000
"09/01/2002"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	100.000	15.000	0.000
"09/01/2002"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	110.000	15.000	0.000
"09/01/2002"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	106.000	15.000	0.000
"10/01/2002"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	175.600	15.000	0.000
"10/01/2002"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	206.000	15.000	0.000
"10/01/2002"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	242.000	15.000	0.000
"10/01/2002"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	105.000	15.000	0.000
"10/01/2002"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	114.800	15.000	0.000
"10/01/2002"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	110.600	15.000	0.000
"11/01/2002"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	180.200	15.000	0.000
"11/01/2002"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	210.000	15.000	0.000
"11/01/2002"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	244.000	15.000	0.000
"11/01/2002"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	110.000	15.000	0.000
"11/01/2002"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	119.600	15.000	0.000
"11/01/2002"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	115.200	15.000	0.000
"12/01/2002"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	184.800	15.000	0.000
"12/01/2002"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	214.000	15.000	0.000
"12/01/2002"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	246.000	15.000	0.000
"12/01/2002"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	115.000	15.000	0.000
"12/01/2002"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	124.400	15.000	0.000
"12/01/2002"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	119.800	15.000	0.000
"01/01/2003"	"3004529825"	"	0.2600	0.0	14.000	6	80.000	40.000	15.000	0.000
"01/01/2003"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	50.000	15.000	0.000
"01/01/2003"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	189.400	15.000	0.000
"01/01/2003"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	218.000	15.000	0.000
"01/01/2003"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	248.000	15.000	0.000
"01/01/2003"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	120.000	15.000	0.000
"01/01/2003"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	129.200	15.000	0.000
"01/01/2003"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	124.400	15.000	0.000
"01/01/2003"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	50.000	15.000	0.000
"01/01/2003"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	50.000	15.000	0.000
"01/01/2003"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	50.000	15.000	0.000
"01/01/2003"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	50.000	15.000	0.000
"01/01/2003"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	50.000	15.000	0.000
"01/01/2003"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	50.000	15.000	0.000
"01/01/2003"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	50.000	15.000	0.000
"01/01/2003"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	50.000	15.000	0.000
"01/01/2003"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	50.000	15.000	0.000

"01/01/2003"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"01/01/2003"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"01/01/2003"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"01/01/2003"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	50.000	15.000	0.000
"01/01/2003"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	50.000	15.000	0.000
"01/01/2003"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"02/01/2003"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	54.200	15.000	0.000
"02/01/2003"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	194.000	15.000	0.000
"02/01/2003"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	222.000	15.000	0.000
"02/01/2003"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	250.000	15.000	0.000
"02/01/2003"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	125.000	15.000	0.000
"02/01/2003"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	134.000	15.000	0.000
"02/01/2003"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	129.000	15.000	0.000
"02/01/2003"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	54.200	15.000	0.000
"02/01/2003"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	54.200	15.000	0.000
"02/01/2003"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	54.200	15.000	0.000
"02/01/2003"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	54.200	15.000	0.000
"02/01/2003"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	54.200	15.000	0.000
"02/01/2003"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	54.200	15.000	0.000
"02/01/2003"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	54.200	15.000	0.000
"02/01/2003"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	54.200	15.000	0.000
"02/01/2003"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	54.200	15.000	0.000
"02/01/2003"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"02/01/2003"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	54.200	15.000	0.000
"02/01/2003"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	54.200	15.000	0.000
"02/01/2003"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	54.200	15.000	0.000
"02/01/2003"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	54.200	15.000	0.000
"02/01/2003"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"03/01/2003"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	58.400	15.000	0.000
"03/01/2003"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	198.600	15.000	0.000
"03/01/2003"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	226.000	15.000	0.000
"03/01/2003"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	252.000	15.000	0.000
"03/01/2003"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	130.000	15.000	0.000
"03/01/2003"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	138.800	15.000	0.000
"03/01/2003"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	133.600	15.000	0.000
"03/01/2003"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	58.400	15.000	0.000
"03/01/2003"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	58.400	15.000	0.000
"03/01/2003"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	58.400	15.000	0.000
"03/01/2003"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	58.400	15.000	0.000

"03/01/2003"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	58.400	15.000	0.000
"03/01/2003"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	58.400	15.000	0.000
"03/01/2003"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	58.400	15.000	0.000
"03/01/2003"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	58.400	15.000	0.000
"03/01/2003"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	58.400	15.000	0.000
"03/01/2003"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"03/01/2003"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	58.400	15.000	0.000
"03/01/2003"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	58.400	15.000	0.000
"03/01/2003"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	58.400	15.000	0.000
"03/01/2003"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	58.400	15.000	0.000
"03/01/2003"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"04/01/2003"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	62.600	15.000	0.000
"04/01/2003"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	203.200	15.000	0.000
"04/01/2003"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	230.000	15.000	0.000
"04/01/2003"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	254.000	15.000	0.000
"04/01/2003"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	135.000	15.000	0.000
"04/01/2003"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	143.600	15.000	0.000
"04/01/2003"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	138.200	15.000	0.000
"04/01/2003"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	62.600	15.000	0.000
"04/01/2003"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	62.600	15.000	0.000
"04/01/2003"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	62.600	15.000	0.000
"04/01/2003"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	62.600	15.000	0.000
"04/01/2003"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	62.600	15.000	0.000
"04/01/2003"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	62.600	15.000	0.000
"04/01/2003"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	62.600	15.000	0.000
"04/01/2003"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	62.600	15.000	0.000
"04/01/2003"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	62.600	15.000	0.000
"04/01/2003"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"04/01/2003"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	62.600	15.000	0.000
"04/01/2003"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	62.600	15.000	0.000
"04/01/2003"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	62.600	15.000	0.000
"04/01/2003"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	62.600	15.000	0.000
"04/01/2003"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"05/01/2003"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	66.800	15.000	0.000
"05/01/2003"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	207.800	15.000	0.000
"05/01/2003"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	234.000	15.000	0.000
"05/01/2003"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	256.000	15.000	0.000
"05/01/2003"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	140.000	15.000	0.000
"05/01/2003"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	148.400	15.000	0.000

"05/01/2003"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	142.800	15.000	0.000
"05/01/2003"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	66.800	15.000	0.000
"05/01/2003"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	66.800	15.000	0.000
"05/01/2003"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	66.800	15.000	0.000
"05/01/2003"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	66.800	15.000	0.000
"05/01/2003"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	66.800	15.000	0.000
"05/01/2003"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	66.800	15.000	0.000
"05/01/2003"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	66.800	15.000	0.000
"05/01/2003"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	66.800	15.000	0.000
"05/01/2003"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	66.800	15.000	0.000
"05/01/2003"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"05/01/2003"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	66.800	15.000	0.000
"05/01/2003"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	66.800	15.000	0.000
"05/01/2003"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	66.800	15.000	0.000
"05/01/2003"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	66.800	15.000	0.000
"05/01/2003"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"06/01/2003"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	71.000	15.000	0.000
"06/01/2003"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	212.400	15.000	0.000
"06/01/2003"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	238.000	15.000	0.000
"06/01/2003"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	258.000	15.000	0.000
"06/01/2003"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	145.000	15.000	0.000
"06/01/2003"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	153.200	15.000	0.000
"06/01/2003"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	147.400	15.000	0.000
"06/01/2003"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	71.000	15.000	0.000
"06/01/2003"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	71.000	15.000	0.000
"06/01/2003"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	71.000	15.000	0.000
"06/01/2003"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	71.000	15.000	0.000
"06/01/2003"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	71.000	15.000	0.000
"06/01/2003"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	71.000	15.000	0.000
"06/01/2003"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	71.000	15.000	0.000
"06/01/2003"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	71.000	15.000	0.000
"06/01/2003"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	71.000	15.000	0.000
"06/01/2003"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"06/01/2003"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	71.000	15.000	0.000
"06/01/2003"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	71.000	15.000	0.000
"06/01/2003"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	71.000	15.000	0.000
"06/01/2003"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	71.000	15.000	0.000
"06/01/2003"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"07/01/2003"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	75.200	15.000	0.000

"07/01/2003"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	217.000	15.000	0.000
"07/01/2003"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	242.000	15.000	0.000
"07/01/2003"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	260.000	15.000	0.000
"07/01/2003"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	150.000	15.000	0.000
"07/01/2003"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	158.000	15.000	0.000
"07/01/2003"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	152.000	15.000	0.000
"07/01/2003"	"3004500001	"	0.2600	-3.0	15.000	6	20.000	75.200	15.000	0.000
"07/01/2003"	"3004500002	"	0.2600	-3.0	14.000	6	20.000	75.200	15.000	0.000
"07/01/2003"	"3004500003	"	0.2600	-3.0	15.000	6	20.000	75.200	15.000	0.000
"07/01/2003"	"3004500004	"	0.2600	-3.0	12.000	6	20.000	75.200	15.000	0.000
"07/01/2003"	"3004500005	"	0.2600	-3.0	15.000	6	20.000	75.200	15.000	0.000
"07/01/2003"	"3004500006	"	0.2600	-3.0	16.000	6	20.000	75.200	15.000	0.000
"07/01/2003"	"3004500007	"	0.2600	-3.0	16.000	6	20.000	75.200	15.000	0.000
"07/01/2003"	"3004500008	"	0.2600	-3.0	15.000	6	20.000	75.200	15.000	0.000
"07/01/2003"	"3004500009	"	0.2600	-3.0	19.000	6	20.000	75.200	15.000	0.000
"07/01/2003"	"3004500010	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"07/01/2003"	"3004500013	"	0.2600	-3.0	13.000	6	20.000	75.200	15.000	0.000
"07/01/2003"	"3004500014	"	0.2600	-3.0	13.000	6	20.000	75.200	15.000	0.000
"07/01/2003"	"3004500015	"	0.2600	-3.0	16.000	6	20.000	75.200	15.000	0.000
"07/01/2003"	"3004500016	"	0.2600	-3.0	21.000	6	20.000	75.200	15.000	0.000
"07/01/2003"	"3004500017	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"08/01/2003"	"3004529598	"	0.2600	-3.0	14.000	6	20.000	79.400	15.000	0.000
"08/01/2003"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	221.600	15.000	0.000
"08/01/2003"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	246.000	15.000	0.000
"08/01/2003"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	262.000	15.000	0.000
"08/01/2003"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	155.000	15.000	0.000
"08/01/2003"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	162.800	15.000	0.000
"08/01/2003"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	156.600	15.000	0.000
"08/01/2003"	"3004500001	"	0.2600	-3.0	15.000	6	20.000	79.400	15.000	0.000
"08/01/2003"	"3004500002	"	0.2600	-3.0	14.000	6	20.000	79.400	15.000	0.000
"08/01/2003"	"3004500003	"	0.2600	-3.0	15.000	6	20.000	79.400	15.000	0.000
"08/01/2003"	"3004500004	"	0.2600	-3.0	12.000	6	20.000	79.400	15.000	0.000
"08/01/2003"	"3004500005	"	0.2600	-3.0	15.000	6	20.000	79.400	15.000	0.000
"08/01/2003"	"3004500006	"	0.2600	-3.0	16.000	6	20.000	79.400	15.000	0.000
"08/01/2003"	"3004500007	"	0.2600	-3.0	16.000	6	20.000	79.400	15.000	0.000
"08/01/2003"	"3004500008	"	0.2600	-3.0	15.000	6	20.000	79.400	15.000	0.000
"08/01/2003"	"3004500009	"	0.2600	-3.0	19.000	6	20.000	79.400	15.000	0.000
"08/01/2003"	"3004500010	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"08/01/2003"	"3004500013	"	0.2600	-3.0	13.000	6	20.000	79.400	15.000	0.000

"08/01/2003"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	79.400	15.000	0.000
"08/01/2003"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	79.400	15.000	0.000
"08/01/2003"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	79.400	15.000	0.000
"08/01/2003"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"09/01/2003"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	83.600	15.000	0.000
"09/01/2003"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	226.200	15.000	0.000
"09/01/2003"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	250.000	15.000	0.000
"09/01/2003"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	264.000	15.000	0.000
"09/01/2003"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	160.000	15.000	0.000
"09/01/2003"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	167.600	15.000	0.000
"09/01/2003"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	161.200	15.000	0.000
"09/01/2003"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	83.600	15.000	0.000
"09/01/2003"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	83.600	15.000	0.000
"09/01/2003"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	83.600	15.000	0.000
"09/01/2003"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	83.600	15.000	0.000
"09/01/2003"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	83.600	15.000	0.000
"09/01/2003"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	83.600	15.000	0.000
"09/01/2003"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	83.600	15.000	0.000
"09/01/2003"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	83.600	15.000	0.000
"09/01/2003"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	83.600	15.000	0.00
"09/01/2003"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"09/01/2003"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	83.600	15.000	0.000
"09/01/2003"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	83.600	15.000	0.000
"09/01/2003"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	83.600	15.000	0.000
"09/01/2003"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	83.600	15.000	0.000
"09/01/2003"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"10/01/2003"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	87.800	15.000	0.000
"10/01/2003"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	230.800	15.000	0.000
"10/01/2003"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	254.000	15.000	0.000
"10/01/2003"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	266.000	15.000	0.000
"10/01/2003"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	165.000	15.000	0.000
"10/01/2003"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	172.400	15.000	0.000
"10/01/2003"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	165.800	15.000	0.000
"10/01/2003"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	87.800	15.000	0.000
"10/01/2003"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	87.800	15.000	0.000
"10/01/2003"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	87.800	15.000	0.000
"10/01/2003"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	87.800	15.000	0.000
"10/01/2003"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	87.800	15.000	0.000
"10/01/2003"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	87.800	15.000	0.000

"10/01/2003"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	87.800	15.000	0.000
"10/01/2003"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	87.800	15.000	0.000
"10/01/2003"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	87.800	15.000	0.000
"10/01/2003"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"10/01/2003"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	87.800	15.000	0.000
"10/01/2003"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	87.800	15.000	0.000
"10/01/2003"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	87.800	15.000	0.000
"10/01/2003"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	87.800	15.000	0.000
"10/01/2003"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"11/01/2003"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	92.000	15.000	0.000
"11/01/2003"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	235.400	15.000	0.000
"11/01/2003"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	258.000	15.000	0.000
"11/01/2003"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	268.000	15.000	0.000
"11/01/2003"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	170.000	15.000	0.000
"11/01/2003"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	177.200	15.000	0.000
"11/01/2003"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	170.400	15.000	0.000
"11/01/2003"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	92.000	15.000	0.000
"11/01/2003"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	92.000	15.000	0.000
"11/01/2003"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	92.000	15.000	0.000
"11/01/2003"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	92.000	15.000	0.000
"11/01/2003"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	92.000	15.000	0.000
"11/01/2003"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	92.000	15.000	0.000
"11/01/2003"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	92.000	15.000	0.000
"11/01/2003"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	92.000	15.000	0.000
"11/01/2003"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	92.000	15.000	0.000
"11/01/2003"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"11/01/2003"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	92.000	15.000	0.000
"11/01/2003"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	92.000	15.000	0.000
"11/01/2003"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	92.000	15.000	0.000
"11/01/2003"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	92.000	15.000	0.000
"11/01/2003"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"12/01/2003"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	96.200	15.000	0.000
"12/01/2003"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	240.000	15.000	0.000
"12/01/2003"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	262.000	15.000	0.000
"12/01/2003"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	270.000	15.000	0.000
"12/01/2003"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	175.000	15.000	0.000
"12/01/2003"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	182.000	15.000	0.000
"12/01/2003"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	175.000	15.000	0.000
"12/01/2003"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	96.200	15.000	0.000

"12/01/2003"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	96.200	15.000	0.000
"12/01/2003"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	96.200	15.000	0.000
"12/01/2003"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	96.200	15.000	0.000
"12/01/2003"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	96.200	15.000	0.000
"12/01/2003"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	96.200	15.000	0.000
"12/01/2003"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	96.200	15.000	0.000
"12/01/2003"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	96.200	15.000	0.000
"12/01/2003"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	96.200	15.000	0.000
"12/01/2003"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"12/01/2003"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	96.200	15.000	0.000
"12/01/2003"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	96.200	15.000	0.000
"12/01/2003"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	96.200	15.000	0.000
"12/01/2003"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	96.200	15.000	0.000
"12/01/2003"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"01/01/2004"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	100.400	15.000	0.000
"01/01/2004"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	244.600	15.000	0.000
"01/01/2004"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	266.000	15.000	0.000
"01/01/2004"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	272.000	15.000	0.000
"01/01/2004"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	180.000	15.000	0.000
"01/01/2004"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	186.800	15.000	0.000
"01/01/2004"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	179.600	15.000	0.000
"01/01/2004"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	100.400	15.000	0.000
"01/01/2004"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	100.400	15.000	0.000
"01/01/2004"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	100.400	15.000	0.000
"01/01/2004"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	100.400	15.000	0.000
"01/01/2004"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	100.400	15.000	0.000
"01/01/2004"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	100.400	15.000	0.000
"01/01/2004"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	100.400	15.000	0.000
"01/01/2004"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	100.400	15.000	0.000
"01/01/2004"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	100.400	15.000	0.000
"01/01/2004"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"01/01/2004"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	100.400	15.000	0.000
"01/01/2004"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	100.400	15.000	0.000
"01/01/2004"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	100.400	15.000	0.000
"01/01/2004"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	100.400	15.000	0.000
"01/01/2004"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"02/01/2004"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	104.600	15.000	0.000
"02/01/2004"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	249.200	15.000	0.000
"02/01/2004"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	270.000	15.000	0.000

"02/01/2004"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	274.000	15.000	0.000
"02/01/2004"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	185.000	15.000	0.000
"02/01/2004"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	191.600	15.000	0.000
"02/01/2004"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	184.200	15.000	0.000
"02/01/2004"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	104.600	15.000	0.000
"02/01/2004"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	104.600	15.000	0.000
"02/01/2004"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	104.600	15.000	0.000
"02/01/2004"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	104.600	15.000	0.000
"02/01/2004"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	104.600	15.000	0.000
"02/01/2004"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	104.600	15.000	0.000
"02/01/2004"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	104.600	15.000	0.000
"02/01/2004"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	104.600	15.000	0.000
"02/01/2004"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	104.600	15.000	0.000
"02/01/2004"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"02/01/2004"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	104.600	15.000	0.000
"02/01/2004"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	104.600	15.000	0.00
"02/01/2004"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	104.600	15.000	0.000
"02/01/2004"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	104.600	15.000	0.000
"02/01/2004"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"03/01/2004"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	108.800	15.000	0.000
"03/01/2004"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	253.800	15.000	0.000
"03/01/2004"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	274.000	15.000	0.000
"03/01/2004"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	276.000	15.000	0.000
"03/01/2004"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	190.000	15.000	0.000
"03/01/2004"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	196.400	15.000	0.000
"03/01/2004"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	188.800	15.000	0.000
"03/01/2004"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	108.800	15.000	0.000
"03/01/2004"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	108.800	15.000	0.000
"03/01/2004"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	108.800	15.000	0.000
"03/01/2004"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	108.800	15.000	0.000
"03/01/2004"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	108.800	15.000	0.000
"03/01/2004"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	108.800	15.000	0.000
"03/01/2004"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	108.800	15.000	0.000
"03/01/2004"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	108.800	15.000	0.000
"03/01/2004"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	108.800	15.000	0.000
"03/01/2004"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"03/01/2004"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	108.800	15.000	0.000
"03/01/2004"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	108.800	15.000	0.000
"03/01/2004"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	108.800	15.000	0.000

"03/01/2004"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	108.800	15.000	0.000
"03/01/2004"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"04/01/2004"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	113.000	15.000	0.000
"04/01/2004"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	258.400	15.000	0.000
"04/01/2004"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	278.000	15.000	0.000
"04/01/2004"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	278.000	15.000	0.000
"04/01/2004"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	195.000	15.000	0.000
"04/01/2004"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	201.200	15.000	0.000
"04/01/2004"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	193.400	15.000	0.000
"04/01/2004"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	113.000	15.000	0.000
"04/01/2004"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	113.000	15.000	0.000
"04/01/2004"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	113.000	15.000	0.000
"04/01/2004"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	113.000	15.000	0.000
"04/01/2004"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	113.000	15.000	0.00
"04/01/2004"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	113.000	15.000	0.000
"04/01/2004"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	113.000	15.000	0.00
"04/01/2004"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	113.000	15.000	0.000
"04/01/2004"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	113.000	15.000	0.000
"04/01/2004"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"04/01/2004"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	113.000	15.000	0.000
"04/01/2004"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	113.000	15.000	0.000
"04/01/2004"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	113.000	15.000	0.000
"04/01/2004"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	113.000	15.000	0.000
"04/01/2004"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"05/01/2004"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	117.200	15.000	0.000
"05/01/2004"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	263.000	15.000	0.000
"05/01/2004"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	282.000	15.000	0.000
"05/01/2004"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	280.000	15.000	0.000
"05/01/2004"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	200.000	15.000	0.000
"05/01/2004"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	206.000	15.000	0.000
"05/01/2004"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	198.000	15.000	0.000
"05/01/2004"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	117.200	15.000	0.000
"05/01/2004"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	117.200	15.000	0.000
"05/01/2004"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	117.200	15.000	0.000
"05/01/2004"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	117.200	15.000	0.000
"05/01/2004"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	117.200	15.000	0.000
"05/01/2004"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	117.200	15.000	0.000
"05/01/2004"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	117.200	15.000	0.000
"05/01/2004"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	117.200	15.000	0.000

"05/01/2004"	"3004500009	"	0.2600	-3.0	19.000	6	20.000	117.200	15.000	0.000
"05/01/2004"	"3004500010	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"05/01/2004"	"3004500013	"	0.2600	-3.0	13.000	6	20.000	117.200	15.000	0.000
"05/01/2004"	"3004500014	"	0.2600	-3.0	13.000	6	20.000	117.200	15.000	0.000
"05/01/2004"	"3004500015	"	0.2600	-3.0	16.000	6	20.000	117.200	15.000	0.000
"05/01/2004"	"3004500016	"	0.2600	-3.0	21.000	6	20.000	117.200	15.000	0.000
"05/01/2004"	"3004500017	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"06/01/2004"	"3004529598	"	0.2600	-3.0	14.000	6	20.000	121.400	15.000	0.000
"06/01/2004"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	267.600	15.000	0.000
"06/01/2004"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	286.000	15.000	0.000
"06/01/2004"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	282.000	15.000	0.000
"06/01/2004"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	205.000	15.000	0.000
"06/01/2004"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	210.800	15.000	0.000
"06/01/2004"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	202.600	15.000	0.000
"06/01/2004"	"3004500001	"	0.2600	-3.0	15.000	6	20.000	121.400	15.000	0.000
"06/01/2004"	"3004500002	"	0.2600	-3.0	14.000	6	20.000	121.400	15.000	0.000
"06/01/2004"	"3004500003	"	0.2600	-3.0	15.000	6	20.000	121.400	15.000	0.000
"06/01/2004"	"3004500004	"	0.2600	-3.0	12.000	6	20.000	121.400	15.000	0.000
"06/01/2004"	"3004500005	"	0.2600	-3.0	15.000	6	20.000	121.400	15.000	0.000
"06/01/2004"	"3004500006	"	0.2600	-3.0	16.000	6	20.000	121.400	15.000	0.000
"06/01/2004"	"3004500007	"	0.2600	-3.0	16.000	6	20.000	121.400	15.000	0.000
"06/01/2004"	"3004500008	"	0.2600	-3.0	15.000	6	20.000	121.400	15.000	0.000
"06/01/2004"	"3004500009	"	0.2600	-3.0	19.000	6	20.000	121.400	15.000	0.000
"06/01/2004"	"3004500010	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"06/01/2004"	"3004500013	"	0.2600	-3.0	13.000	6	20.000	121.400	15.000	0.000
"06/01/2004"	"3004500014	"	0.2600	-3.0	13.000	6	20.000	121.400	15.000	0.000
"06/01/2004"	"3004500015	"	0.2600	-3.0	16.000	6	20.000	121.400	15.000	0.000
"06/01/2004"	"3004500016	"	0.2600	-3.0	21.000	6	20.000	121.400	15.000	0.000
"06/01/2004"	"3004500017	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"07/01/2004"	"3004529598	"	0.2600	-3.0	14.000	6	20.000	125.600	15.000	0.000
"07/01/2004"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	272.200	15.000	0.000
"07/01/2004"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	290.000	15.000	0.000
"07/01/2004"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	284.000	15.000	0.000
"07/01/2004"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	210.000	15.000	0.000
"07/01/2004"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	215.600	15.000	0.000
"07/01/2004"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	207.200	15.000	0.000
"07/01/2004"	"3004500001	"	0.2600	-3.0	15.000	6	20.000	125.600	15.000	0.000
"07/01/2004"	"3004500002	"	0.2600	-3.0	14.000	6	20.000	125.600	15.000	0.000
"07/01/2004"	"3004500003	"	0.2600	-3.0	15.000	6	20.000	125.600	15.000	0.000

"07/01/2004"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	125.600	15.000	0.000
"07/01/2004"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	125.600	15.000	0.000
"07/01/2004"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	125.600	15.000	0.000
"07/01/2004"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	125.600	15.000	0.000
"07/01/2004"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	125.600	15.000	0.000
"07/01/2004"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	125.600	15.000	0.000
"07/01/2004"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"07/01/2004"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	125.600	15.000	0.000
"07/01/2004"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	125.600	15.000	0.000
"07/01/2004"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	125.600	15.000	0.000
"07/01/2004"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	125.600	15.000	0.000
"07/01/2004"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"08/01/2004"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	129.800	15.000	0.000
"08/01/2004"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	276.800	15.000	0.000
"08/01/2004"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	294.000	15.000	0.000
"08/01/2004"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	286.000	15.000	0.000
"08/01/2004"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	215.000	15.000	0.000
"08/01/2004"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	220.400	15.000	0.000
"08/01/2004"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	211.800	15.000	0.000
"08/01/2004"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	129.800	15.000	0.000
"08/01/2004"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	129.800	15.000	0.000
"08/01/2004"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	129.800	15.000	0.000
"08/01/2004"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	129.800	15.000	0.000
"08/01/2004"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	129.800	15.000	0.000
"08/01/2004"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	129.800	15.000	0.000
"08/01/2004"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	129.800	15.000	0.000
"08/01/2004"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	129.800	15.000	0.000
"08/01/2004"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	129.800	15.000	0.000
"08/01/2004"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"08/01/2004"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	129.800	15.000	0.000
"08/01/2004"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	129.800	15.000	0.000
"08/01/2004"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	129.800	15.000	0.000
"08/01/2004"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	129.800	15.000	0.000
"08/01/2004"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"09/01/2004"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	134.000	15.000	0.000
"09/01/2004"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	281.400	15.000	0.000
"09/01/2004"	"3004529737"	"	0.2600	-3.0	13.000	6	60.000	298.000	15.000	0.000
"09/01/2004"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	288.000	15.000	0.000
"09/01/2004"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	220.000	15.000	0.000

"09/01/2004"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	225.200	15.000	0.000
"09/01/2004"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	216.400	15.000	0.000
"09/01/2004"	"3004500001	"	0.2600	-3.0	15.000	6	20.000	134.000	15.000	0.000
"09/01/2004"	"3004500002	"	0.2600	-3.0	14.000	6	20.000	134.000	15.000	0.000
"09/01/2004"	"3004500003	"	0.2600	-3.0	15.000	6	20.000	134.000	15.000	0.000
"09/01/2004"	"3004500004	"	0.2600	-3.0	12.000	6	20.000	134.000	15.000	0.000
"09/01/2004"	"3004500005	"	0.2600	-3.0	15.000	6	20.000	134.000	15.000	0.000
"09/01/2004"	"3004500006	"	0.2600	-3.0	16.000	6	20.000	134.000	15.000	0.000
"09/01/2004"	"3004500007	"	0.2600	-3.0	16.000	6	20.000	134.000	15.000	0.000
"09/01/2004"	"3004500008	"	0.2600	-3.0	15.000	6	20.000	134.000	15.000	0.000
"09/01/2004"	"3004500009	"	0.2600	-3.0	19.000	6	20.000	134.000	15.000	0.000
"09/01/2004"	"3004500010	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"09/01/2004"	"3004500013	"	0.2600	-3.0	13.000	6	20.000	134.000	15.000	0.000
"09/01/2004"	"3004500014	"	0.2600	-3.0	13.000	6	20.000	134.000	15.000	0.000
"09/01/2004"	"3004500015	"	0.2600	-3.0	16.000	6	20.000	134.000	15.000	0.000
"09/01/2004"	"3004500016	"	0.2600	-3.0	21.000	6	20.000	134.000	15.000	0.000
"09/01/2004"	"3004500017	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"10/01/2004"	"3004529598	"	0.2600	-3.0	14.000	6	20.000	138.200	15.000	0.000
"10/01/2004"	"3004529649	"	0.2600	-1.0	14.000	6	50.000	286.000	15.000	0.000
"10/01/2004"	"3004529737	"	0.2600	-3.0	13.000	6	60.000	302.000	15.000	0.000
"10/01/2004"	"3004530058	"	0.2600	-3.0	12.000	6	100.000	290.000	15.000	0.000
"10/01/2004"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	225.000	15.000	0.000
"10/01/2004"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	230.000	15.000	0.000
"10/01/2004"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	221.000	15.000	0.000
"10/01/2004"	"3004500001	"	0.2600	-3.0	15.000	6	20.000	138.200	15.000	0.000
"10/01/2004"	"3004500002	"	0.2600	-3.0	14.000	6	20.000	138.200	15.000	0.000
"10/01/2004"	"3004500003	"	0.2600	-3.0	15.000	6	20.000	138.200	15.000	0.000
"10/01/2004"	"3004500004	"	0.2600	-3.0	12.000	6	20.000	138.200	15.000	0.000
"10/01/2004"	"3004500005	"	0.2600	-3.0	15.000	6	20.000	138.200	15.000	0.000
"10/01/2004"	"3004500006	"	0.2600	-3.0	16.000	6	20.000	138.200	15.000	0.000
"10/01/2004"	"3004500007	"	0.2600	-3.0	16.000	6	20.000	138.200	15.000	0.000
"10/01/2004"	"3004500008	"	0.2600	-3.0	15.000	6	20.000	138.200	15.000	0.000
"10/01/2004"	"3004500009	"	0.2600	-3.0	19.000	6	20.000	138.200	15.000	0.000
"10/01/2004"	"3004500010	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"10/01/2004"	"3004500013	"	0.2600	-3.0	13.000	6	20.000	138.200	15.000	0.000
"10/01/2004"	"3004500014	"	0.2600	-3.0	13.000	6	20.000	138.200	15.000	0.000
"10/01/2004"	"3004500015	"	0.2600	-3.0	16.000	6	20.000	138.200	15.000	0.000
"10/01/2004"	"3004500016	"	0.2600	-3.0	21.000	6	20.000	138.200	15.000	0.000
"10/01/2004"	"3004500017	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000

"11/01/2004"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	142.400	15.000	0.000
"11/01/2004"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	290.600	15.000	0.000
"11/01/2004"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	292.000	15.000	0.000
"11/01/2004"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	230.000	15.000	0.000
"11/01/2004"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	234.800	15.000	0.000
"11/01/2004"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	225.600	15.000	0.000
"11/01/2004"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	142.400	15.000	0.000
"11/01/2004"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	142.400	15.000	0.000
"11/01/2004"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	142.400	15.000	0.000
"11/01/2004"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	142.400	15.000	0.000
"11/01/2004"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	142.400	15.000	0.000
"11/01/2004"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	142.400	15.000	0.000
"11/01/2004"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	142.400	15.000	0.000
"11/01/2004"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	142.400	15.000	0.000
"11/01/2004"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	142.400	15.000	0.000
"11/01/2004"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"11/01/2004"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	142.400	15.000	0.000
"11/01/2004"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	142.400	15.000	0.000
"11/01/2004"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	142.400	15.000	0.000
"11/01/2004"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	142.400	15.000	0.000
"11/01/2004"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"12/01/2004"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	146.600	15.000	0.000
"12/01/2004"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	295.200	15.000	0.000
"12/01/2004"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	294.000	15.000	0.000
"12/01/2004"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	235.000	15.000	0.000
"12/01/2004"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	239.600	15.000	0.000
"12/01/2004"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	230.200	15.000	0.000
"12/01/2004"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	146.600	15.000	0.000
"12/01/2004"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	146.600	15.000	0.000
"12/01/2004"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	146.600	15.000	0.000
"12/01/2004"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	146.600	15.000	0.000
"12/01/2004"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	146.600	15.000	0.000
"12/01/2004"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	146.600	15.000	0.000
"12/01/2004"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	146.600	15.000	0.000
"12/01/2004"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	146.600	15.000	0.000
"12/01/2004"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	146.600	15.000	0.000
"12/01/2004"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"12/01/2004"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	146.600	15.000	0.000
"12/01/2004"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	146.600	15.000	0.000

"12/01/2004"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	146.600	15.000	0.000
"12/01/2004"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	146.600	15.000	0.000
"12/01/2004"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"01/01/2005"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	150.800	15.000	0.000
"01/01/2005"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	299.800	15.000	0.000
"01/01/2005"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	296.000	15.000	0.000
"01/01/2005"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	240.000	15.000	0.000
"01/01/2005"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	244.400	15.000	0.000
"01/01/2005"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	234.800	15.000	0.000
"01/01/2005"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	150.800	15.000	0.000
"01/01/2005"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	150.800	15.000	0.00
"01/01/2005"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	150.800	15.000	0.000
"01/01/2005"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	150.800	15.000	0.000
"01/01/2005"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	150.800	15.000	0.000
"01/01/2005"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	150.800	15.000	0.000
"01/01/2005"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	150.800	15.000	0.000
"01/01/2005"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	150.800	15.000	0.000
"01/01/2005"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	150.800	15.000	0.000
"01/01/2005"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"01/01/2005"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	150.800	15.000	0.000
"01/01/2005"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	150.800	15.000	0.000
"01/01/2005"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	150.800	15.000	0.000
"01/01/2005"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	150.800	15.000	0.000
"01/01/2005"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"02/01/2005"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	155.000	15.000	0.000
"02/01/2005"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	298.000	15.000	0.000
"02/01/2005"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	245.000	15.000	0.000
"02/01/2005"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	249.200	15.000	0.000
"02/01/2005"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	239.400	15.000	0.000
"02/01/2005"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	155.000	15.000	0.000
"02/01/2005"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	155.000	15.000	0.000
"02/01/2005"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	155.000	15.000	0.000
"02/01/2005"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	155.000	15.000	0.000
"02/01/2005"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	155.000	15.000	0.000
"02/01/2005"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	155.000	15.000	0.000
"02/01/2005"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	155.000	15.000	0.000
"02/01/2005"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	155.000	15.000	0.000
"02/01/2005"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	155.000	15.000	0.000
"02/01/2005"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000

"02/01/2005"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	155.000	15.000	0.000
"02/01/2005"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	155.000	15.000	0.000
"02/01/2005"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	155.000	15.000	0.000
"02/01/2005"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	155.000	15.000	0.000
"02/01/2005"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"03/01/2005"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	159.200	15.000	0.000
"03/01/2005"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	300.000	15.000	0.000
"03/01/2005"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	250.000	15.000	0.000
"03/01/2005"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	254.000	15.000	0.000
"03/01/2005"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	244.000	15.000	0.000
"03/01/2005"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	159.200	15.000	0.000
"03/01/2005"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	159.200	15.000	0.000
"03/01/2005"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	159.200	15.000	0.000
"03/01/2005"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	159.200	15.000	0.000
"03/01/2005"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	159.200	15.000	0.000
"03/01/2005"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	159.200	15.000	0.000
"03/01/2005"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	159.200	15.000	0.000
"03/01/2005"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	159.200	15.000	0.000
"03/01/2005"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	159.200	15.000	0.000
"03/01/2005"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"03/01/2005"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	159.200	15.000	0.000
"03/01/2005"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	159.200	15.000	0.000
"03/01/2005"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	159.200	15.000	0.000
"03/01/2005"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	159.200	15.000	0.000
"03/01/2005"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"04/01/2005"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	163.400	15.000	0.000
"04/01/2005"	"3004530058"	"	0.2600	-3.0	12.000	6	100.000	302.000	15.000	0.000
"04/01/2005"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	255.000	15.000	0.000
"04/01/2005"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	258.800	15.000	0.000
"04/01/2005"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	248.600	15.000	0.000
"04/01/2005"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	163.400	15.000	0.000
"04/01/2005"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	163.400	15.000	0.000
"04/01/2005"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	163.400	15.000	0.000
"04/01/2005"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	163.400	15.000	0.000
"04/01/2005"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	163.400	15.000	0.000
"04/01/2005"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	163.400	15.000	0.000
"04/01/2005"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	163.400	15.000	0.000
"04/01/2005"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	163.400	15.000	0.000
"04/01/2005"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	163.400	15.000	0.000

"04/01/2005"	"3004500010	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"04/01/2005"	"3004500013	"	0.2600	-3.0	13.000	6	20.000	163.400	15.000	0.000
"04/01/2005"	"3004500014	"	0.2600	-3.0	13.000	6	20.000	163.400	15.000	0.000
"04/01/2005"	"3004500015	"	0.2600	-3.0	16.000	6	20.000	163.400	15.000	0.000
"04/01/2005"	"3004500016	"	0.2600	-3.0	21.000	6	20.000	163.400	15.000	0.000
"04/01/2005"	"3004500017	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"05/01/2005"	"3004529598	"	0.2600	-3.0	14.000	6	20.000	167.600	15.000	0.000
"05/01/2005"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	260.000	15.000	0.000
"05/01/2005"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	263.600	15.000	0.000
"05/01/2005"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	253.200	15.000	0.000
"05/01/2005"	"3004500001	"	0.2600	-3.0	15.000	6	20.000	167.600	15.000	0.000
"05/01/2005"	"3004500002	"	0.2600	-3.0	14.000	6	20.000	167.600	15.000	0.000
"05/01/2005"	"3004500003	"	0.2600	-3.0	15.000	6	20.000	167.600	15.000	0.000
"05/01/2005"	"3004500004	"	0.2600	-3.0	12.000	6	20.000	167.600	15.000	0.000
"05/01/2005"	"3004500005	"	0.2600	-3.0	15.000	6	20.000	167.600	15.000	0.000
"05/01/2005"	"3004500006	"	0.2600	-3.0	16.000	6	20.000	167.600	15.000	0.000
"05/01/2005"	"3004500007	"	0.2600	-3.0	16.000	6	20.000	167.600	15.000	0.000
"05/01/2005"	"3004500008	"	0.2600	-3.0	15.000	6	20.000	167.600	15.000	0.000
"05/01/2005"	"3004500009	"	0.2600	-3.0	19.000	6	20.000	167.600	15.000	0.000
"05/01/2005"	"3004500010	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"05/01/2005"	"3004500013	"	0.2600	-3.0	13.000	6	20.000	167.600	15.000	0.000
"05/01/2005"	"3004500014	"	0.2600	-3.0	13.000	6	20.000	167.600	15.000	0.000
"05/01/2005"	"3004500015	"	0.2600	-3.0	16.000	6	20.000	167.600	15.000	0.000
"05/01/2005"	"3004500016	"	0.2600	-3.0	21.000	6	20.000	167.600	15.000	0.000
"05/01/2005"	"3004500017	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"06/01/2005"	"3004529598	"	0.2600	-3.0	14.000	6	20.000	171.800	15.000	0.000
"06/01/2005"	"3004530062	"	0.2600	-1.0	15.000	6	50.000	265.000	15.000	0.000
"06/01/2005"	"3004530114	"	0.2600	-1.0	13.000	6	40.000	268.400	15.000	0.000
"06/01/2005"	"3004530348	"	0.2600	-2.0	11.000	6	40.000	257.800	15.000	0.000
"06/01/2005"	"3004500001	"	0.2600	-3.0	15.000	6	20.000	171.800	15.000	0.000
"06/01/2005"	"3004500002	"	0.2600	-3.0	14.000	6	20.000	171.800	15.000	0.000
"06/01/2005"	"3004500003	"	0.2600	-3.0	15.000	6	20.000	171.800	15.000	0.000
"06/01/2005"	"3004500004	"	0.2600	-3.0	12.000	6	20.000	171.800	15.000	0.000
"06/01/2005"	"3004500005	"	0.2600	-3.0	15.000	6	20.000	171.800	15.000	0.000
"06/01/2005"	"3004500006	"	0.2600	-3.0	16.000	6	20.000	171.800	15.000	0.000
"06/01/2005"	"3004500007	"	0.2600	-3.0	16.000	6	20.000	171.800	15.000	0.000
"06/01/2005"	"3004500008	"	0.2600	-3.0	15.000	6	20.000	171.800	15.000	0.000
"06/01/2005"	"3004500009	"	0.2600	-3.0	19.000	6	20.000	171.800	15.000	0.000
"06/01/2005"	"3004500010	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000

"06/01/2005"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	171.800	15.000	0.000
"06/01/2005"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	171.800	15.000	0.000
"06/01/2005"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	171.800	15.000	0.000
"06/01/2005"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	171.800	15.000	0.000
"06/01/2005"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"07/01/2005"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	176.000	15.000	0.000
"07/01/2005"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	270.000	15.000	0.00
"07/01/2005"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	273.200	15.000	0.000
"07/01/2005"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	262.400	15.000	0.000
"07/01/2005"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	176.000	15.000	0.000
"07/01/2005"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	176.000	15.000	0.000
"07/01/2005"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	176.000	15.000	0.000
"07/01/2005"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	176.000	15.000	0.000
"07/01/2005"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	176.000	15.000	0.000
"07/01/2005"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	176.000	15.000	0.000
"07/01/2005"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	176.000	15.000	0.000
"07/01/2005"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	176.000	15.000	0.000
"07/01/2005"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	176.000	15.000	0.000
"07/01/2005"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"07/01/2005"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	176.000	15.000	0.000
"07/01/2005"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	176.000	15.000	0.000
"07/01/2005"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	176.000	15.000	0.000
"07/01/2005"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	176.000	15.000	0.000
"07/01/2005"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"08/01/2005"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	180.200	15.000	0.000
"08/01/2005"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	275.000	15.000	0.000
"08/01/2005"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	278.000	15.000	0.000
"08/01/2005"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	267.000	15.000	0.000
"08/01/2005"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	180.200	15.000	0.000
"08/01/2005"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	180.200	15.000	0.000
"08/01/2005"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	180.200	15.000	0.000
"08/01/2005"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	180.200	15.000	0.000
"08/01/2005"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	180.200	15.000	0.000
"08/01/2005"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	180.200	15.000	0.000
"08/01/2005"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	180.200	15.000	0.000
"08/01/2005"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	180.200	15.000	0.000
"08/01/2005"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	180.200	15.000	0.000
"08/01/2005"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"08/01/2005"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	180.200	15.000	0.000

"08/01/2005"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	180.200	15.000	0.000
"08/01/2005"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	180.200	15.000	0.000
"08/01/2005"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	180.200	15.000	0.000
"08/01/2005"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"09/01/2005"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	184.400	15.000	0.00
"09/01/2005"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	280.000	15.000	0.000
"09/01/2005"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	282.800	15.000	0.00
"09/01/2005"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	271.600	15.000	0.000
"09/01/2005"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	184.400	15.000	0.000
"09/01/2005"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	184.400	15.000	0.000
"09/01/2005"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	184.400	15.000	0.000
"09/01/2005"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	184.400	15.000	0.000
"09/01/2005"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	184.400	15.000	0.000
"09/01/2005"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	184.400	15.000	0.000
"09/01/2005"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	184.400	15.000	0.000
"09/01/2005"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	184.400	15.000	0.000
"09/01/2005"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	184.400	15.000	0.000
"09/01/2005"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"09/01/2005"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	184.400	15.000	0.000
"09/01/2005"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	184.400	15.000	0.000
"09/01/2005"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	184.400	15.000	0.000
"09/01/2005"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	184.400	15.000	0.000
"09/01/2005"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"10/01/2005"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	188.600	15.000	0.000
"10/01/2005"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	285.000	15.000	0.000
"10/01/2005"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	287.600	15.000	0.000
"10/01/2005"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	276.200	15.000	0.000
"10/01/2005"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	188.600	15.000	0.000
"10/01/2005"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	188.600	15.000	0.000
"10/01/2005"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	188.600	15.000	0.000
"10/01/2005"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	188.600	15.000	0.000
"10/01/2005"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	188.600	15.000	0.000
"10/01/2005"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	188.600	15.000	0.000
"10/01/2005"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	188.600	15.000	0.000
"10/01/2005"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	188.600	15.000	0.000
"10/01/2005"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	188.600	15.000	0.000
"10/01/2005"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"10/01/2005"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	188.600	15.000	0.000
"10/01/2005"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	188.600	15.000	0.000

"10/01/2005"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	188.600	15.000	0.000
"10/01/2005"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	188.600	15.000	0.000
"10/01/2005"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"11/01/2005"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	192.800	15.000	0.000
"11/01/2005"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	290.000	15.000	0.000
"11/01/2005"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	292.400	15.000	0.000
"11/01/2005"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	280.800	15.000	0.000
"11/01/2005"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	192.800	15.000	0.000
"11/01/2005"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	192.800	15.000	0.000
"11/01/2005"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	192.800	15.000	0.000
"11/01/2005"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	192.800	15.000	0.000
"11/01/2005"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	192.800	15.000	0.000
"11/01/2005"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	192.800	15.000	0.000
"11/01/2005"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	192.800	15.000	0.000
"11/01/2005"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	192.800	15.000	0.000
"11/01/2005"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	192.800	15.000	0.000
"11/01/2005"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"11/01/2005"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	192.800	15.000	0.000
"11/01/2005"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	192.800	15.000	0.000
"11/01/2005"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	192.800	15.000	0.000
"11/01/2005"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	192.800	15.000	0.000
"11/01/2005"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"12/01/2005"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	197.000	15.000	0.000
"12/01/2005"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	295.000	15.000	0.000
"12/01/2005"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	297.200	15.000	0.000
"12/01/2005"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	285.400	15.000	0.000
"12/01/2005"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	197.000	15.000	0.000
"12/01/2005"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	197.000	15.000	0.000
"12/01/2005"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	197.000	15.000	0.000
"12/01/2005"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	197.000	15.000	0.000
"12/01/2005"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	197.000	15.000	0.000
"12/01/2005"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	197.000	15.000	0.000
"12/01/2005"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	197.000	15.000	0.000
"12/01/2005"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	197.000	15.000	0.000
"12/01/2005"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	197.000	15.000	0.000
"12/01/2005"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"12/01/2005"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	197.000	15.000	0.000
"12/01/2005"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	197.000	15.000	0.000
"12/01/2005"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	197.000	15.000	0.000

"12/01/2005"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	197.000	15.000	0.000
"12/01/2005"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"01/01/2006"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	201.200	15.000	0.000
"01/01/2006"	"3004529649"	"	0.2600	-1.0	14.000	6	50.000	299.800	15.000	0.000
"01/01/2006"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	300.000	15.000	0.000
"01/01/2006"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	302.000	15.000	0.000
"01/01/2006"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	290.000	15.000	0.000
"01/01/2006"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	201.200	15.000	0.000
"01/01/2006"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	201.200	15.000	0.000
"01/01/2006"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	201.200	15.000	0.000
"01/01/2006"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	201.200	15.000	0.000
"01/01/2006"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	201.200	15.000	0.000
"01/01/2006"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	201.200	15.000	0.000
"01/01/2006"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	201.200	15.000	0.000
"01/01/2006"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	201.200	15.000	0.000
"01/01/2006"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	201.200	15.000	0.000
"01/01/2006"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"01/01/2006"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	201.200	15.000	0.000
"01/01/2006"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	201.200	15.000	0.000
"01/01/2006"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	201.200	15.000	0.000
"01/01/2006"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	201.200	15.000	0.000
"01/01/2006"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"02/01/2006"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	205.400	15.000	0.000
"02/01/2006"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	294.600	15.000	0.000
"02/01/2006"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	205.400	15.000	0.000
"02/01/2006"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	205.400	15.000	0.000
"02/01/2006"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	205.400	15.000	0.000
"02/01/2006"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	205.400	15.000	0.000
"02/01/2006"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	205.400	15.000	0.000
"02/01/2006"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	205.400	15.000	0.000
"02/01/2006"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	205.400	15.000	0.000
"02/01/2006"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	205.400	15.000	0.000
"02/01/2006"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	205.400	15.000	0.000
"02/01/2006"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"02/01/2006"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	205.400	15.000	0.000
"02/01/2006"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	205.400	15.000	0.000
"02/01/2006"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	205.400	15.000	0.000
"02/01/2006"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	205.400	15.000	0.000
"02/01/2006"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000

"03/01/2006"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	209.600	15.000	0.000
"03/01/2006"	"3004530348"	"	0.2600	-2.0	11.000	6	40.000	299.200	15.000	0.000
"03/01/2006"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	209.600	15.000	0.000
"03/01/2006"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	209.600	15.000	0.000
"03/01/2006"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	209.600	15.000	0.000
"03/01/2006"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	209.600	15.000	0.000
"03/01/2006"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	209.600	15.000	0.000
"03/01/2006"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	209.600	15.000	0.000
"03/01/2006"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	209.600	15.000	0.000
"03/01/2006"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	209.600	15.000	0.000
"03/01/2006"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	209.600	15.000	0.000
"03/01/2006"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"03/01/2006"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	209.600	15.000	0.000
"03/01/2006"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	209.600	15.000	0.000
"03/01/2006"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	209.600	15.000	0.000
"03/01/2006"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	209.600	15.000	0.000
"03/01/2006"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"04/01/2006"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	213.800	15.000	0.000
"04/01/2006"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	213.800	15.000	0.000
"04/01/2006"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	213.800	15.000	0.000
"04/01/2006"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	213.800	15.000	0.000
"04/01/2006"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	213.800	15.000	0.000
"04/01/2006"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	213.800	15.000	0.000
"04/01/2006"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	213.800	15.000	0.000
"04/01/2006"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	213.800	15.000	0.000
"04/01/2006"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	213.800	15.000	0.000
"04/01/2006"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	213.800	15.000	0.000
"04/01/2006"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"04/01/2006"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	213.800	15.000	0.000
"04/01/2006"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	213.800	15.000	0.000
"04/01/2006"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	213.800	15.000	0.000
"04/01/2006"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	213.800	15.000	0.000
"04/01/2006"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"05/01/2006"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	218.000	15.000	0.000
"05/01/2006"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	218.000	15.000	0.000
"05/01/2006"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	218.000	15.000	0.000
"05/01/2006"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	218.000	15.000	0.000
"05/01/2006"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	218.000	15.000	0.000
"05/01/2006"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	218.000	15.000	0.000

"05/01/2006"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	218.000	15.000	0.000
"05/01/2006"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	218.000	15.000	0.000
"05/01/2006"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	218.000	15.000	0.000
"05/01/2006"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	218.000	15.000	0.000
"05/01/2006"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"05/01/2006"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	218.000	15.000	0.000
"05/01/2006"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	218.000	15.000	0.000
"05/01/2006"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	218.000	15.000	0.000
"05/01/2006"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	218.000	15.000	0.000
"05/01/2006"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"06/01/2006"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	222.200	15.000	0.000
"06/01/2006"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	222.200	15.000	0.000
"06/01/2006"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	222.200	15.000	0.000
"06/01/2006"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	222.200	15.000	0.000
"06/01/2006"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	222.200	15.000	0.00
"06/01/2006"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	222.200	15.000	0.000
"06/01/2006"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	222.200	15.000	0.000
"06/01/2006"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	222.200	15.000	0.000
"06/01/2006"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	222.200	15.000	0.000
"06/01/2006"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	222.200	15.000	0.000
"06/01/2006"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"06/01/2006"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	222.200	15.000	0.000
"06/01/2006"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	222.200	15.000	0.000
"06/01/2006"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	222.200	15.000	0.000
"06/01/2006"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	222.200	15.000	0.000
"06/01/2006"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"07/01/2006"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	226.400	15.000	0.000
"07/01/2006"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	226.400	15.000	0.000
"07/01/2006"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	226.400	15.000	0.000
"07/01/2006"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	226.400	15.000	0.000
"07/01/2006"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	226.400	15.000	0.000
"07/01/2006"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	226.400	15.000	0.000
"07/01/2006"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	226.400	15.000	0.000
"07/01/2006"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	226.400	15.000	0.000
"07/01/2006"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	226.400	15.000	0.000
"07/01/2006"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	226.400	15.000	0.000
"07/01/2006"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"07/01/2006"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	226.400	15.000	0.000
"07/01/2006"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	226.400	15.000	0.000

"07/01/2006"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	226.400	15.000	0.000
"07/01/2006"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	226.400	15.000	0.000
"07/01/2006"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"08/01/2006"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	230.600	15.000	0.000
"08/01/2006"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	230.600	15.000	0.000
"08/01/2006"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	230.600	15.000	0.000
"08/01/2006"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	230.600	15.000	0.000
"08/01/2006"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	230.600	15.000	0.000
"08/01/2006"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	230.600	15.000	0.000
"08/01/2006"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	230.600	15.000	0.000
"08/01/2006"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	230.600	15.000	0.000
"08/01/2006"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	230.600	15.000	0.000
"08/01/2006"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	230.600	15.000	0.00
"08/01/2006"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"08/01/2006"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	230.600	15.000	0.00
"08/01/2006"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	230.600	15.000	0.000
"08/01/2006"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	230.600	15.000	0.000
"08/01/2006"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	230.600	15.000	0.000
"08/01/2006"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"09/01/2006"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	234.800	15.000	0.000
"09/01/2006"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	234.800	15.000	0.000
"09/01/2006"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	234.800	15.000	0.000
"09/01/2006"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	234.800	15.000	0.000
"09/01/2006"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	234.800	15.000	0.000
"09/01/2006"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	234.800	15.000	0.000
"09/01/2006"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	234.800	15.000	0.000
"09/01/2006"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	234.800	15.000	0.000
"09/01/2006"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	234.800	15.000	0.000
"09/01/2006"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	234.800	15.000	0.000
"09/01/2006"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"09/01/2006"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	234.800	15.000	0.000
"09/01/2006"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	234.800	15.000	0.000
"09/01/2006"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	234.800	15.000	0.000
"09/01/2006"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	234.800	15.000	0.000
"09/01/2006"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"10/01/2006"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	239.000	15.000	0.000
"10/01/2006"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	239.000	15.000	0.000
"10/01/2006"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	239.000	15.000	0.000
"10/01/2006"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	239.000	15.000	0.000

"10/01/2006"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	239.000	15.000	0.000
"10/01/2006"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	239.000	15.000	0.000
"10/01/2006"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	239.000	15.000	0.000
"10/01/2006"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	239.000	15.000	0.000
"10/01/2006"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	239.000	15.000	0.000
"10/01/2006"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	239.000	15.000	0.000
"10/01/2006"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"10/01/2006"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	239.000	15.000	0.000
"10/01/2006"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	239.000	15.000	0.000
"10/01/2006"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	239.000	15.000	0.000
"10/01/2006"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	239.000	15.000	0.000
"10/01/2006"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"11/01/2006"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	243.200	15.000	0.000
"11/01/2006"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	243.200	15.000	0.000
"11/01/2006"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	243.200	15.000	0.000
"11/01/2006"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	243.200	15.000	0.000
"11/01/2006"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	243.200	15.000	0.000
"11/01/2006"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	243.200	15.000	0.000
"11/01/2006"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	243.200	15.000	0.000
"11/01/2006"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	243.200	15.000	0.000
"11/01/2006"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	243.200	15.000	0.000
"11/01/2006"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	243.200	15.000	0.000
"11/01/2006"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"11/01/2006"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	243.200	15.000	0.000
"11/01/2006"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	243.200	15.000	0.000
"11/01/2006"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	243.200	15.000	0.000
"11/01/2006"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	243.200	15.000	0.000
"11/01/2006"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"12/01/2006"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	247.400	15.000	0.000
"12/01/2006"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	247.400	15.000	0.000
"12/01/2006"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	247.400	15.000	0.000
"12/01/2006"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	247.400	15.000	0.000
"12/01/2006"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	247.400	15.000	0.000
"12/01/2006"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	247.400	15.000	0.000
"12/01/2006"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	247.400	15.000	0.000
"12/01/2006"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	247.400	15.000	0.000
"12/01/2006"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	247.400	15.000	0.000
"12/01/2006"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	247.400	15.000	0.000
"12/01/2006"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000

"12/01/2006"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	247.400	15.000	0.000
"12/01/2006"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	247.400	15.000	0.000
"12/01/2006"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	247.400	15.000	0.000
"12/01/2006"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	247.400	15.000	0.000
"12/01/2006"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"01/01/2007"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	251.600	15.000	0.000
"01/01/2007"	"3004530062"	"	0.2600	-1.0	15.000	6	50.000	300.000	15.000	0.000
"01/01/2007"	"3004530114"	"	0.2600	-1.0	13.000	6	40.000	302.000	15.000	0.000
"01/01/2007"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	251.600	15.000	0.000
"01/01/2007"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	251.600	15.000	0.000
"01/01/2007"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	251.600	15.000	0.000
"01/01/2007"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	251.600	15.000	0.000
"01/01/2007"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	251.600	15.000	0.000
"01/01/2007"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	251.600	15.000	0.000
"01/01/2007"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	251.600	15.000	0.000
"01/01/2007"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	251.600	15.000	0.000
"01/01/2007"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	251.600	15.000	0.000
"01/01/2007"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"01/01/2007"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	251.600	15.000	0.000
"01/01/2007"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	251.600	15.000	0.000
"01/01/2007"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	251.600	15.000	0.000
"01/01/2007"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	251.600	15.000	0.000
"01/01/2007"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"02/01/2007"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	255.800	15.000	0.000
"02/01/2007"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	255.800	15.000	0.000
"02/01/2007"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	255.800	15.000	0.000
"02/01/2007"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	255.800	15.000	0.000
"02/01/2007"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	255.800	15.000	0.000
"02/01/2007"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	255.800	15.000	0.000
"02/01/2007"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	255.800	15.000	0.000
"02/01/2007"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	255.800	15.000	0.000
"02/01/2007"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	255.800	15.000	0.000
"02/01/2007"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	255.800	15.000	0.000
"02/01/2007"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"02/01/2007"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	255.800	15.000	0.000
"02/01/2007"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	255.800	15.000	0.000
"02/01/2007"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	255.800	15.000	0.000
"02/01/2007"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	255.800	15.000	0.000
"02/01/2007"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000

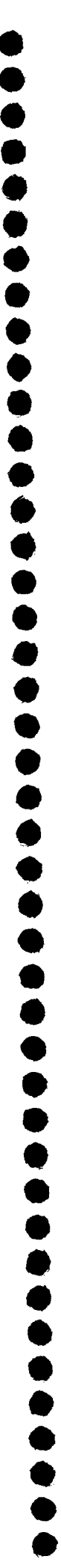
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"03/01/2007"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	260.000	15.000	0.000
"03/01/2007"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	260.000	15.000	0.000
"03/01/2007"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	260.000	15.000	0.000
"03/01/2007"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	260.000	15.000	0.000
"03/01/2007"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	260.000	15.000	0.000
"03/01/2007"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	260.000	15.000	0.000
"03/01/2007"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	260.000	15.000	0.000
"03/01/2007"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	260.000	15.000	0.000
"03/01/2007"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	260.000	15.000	0.000
"03/01/2007"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"03/01/2007"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	260.000	15.000	0.000
"03/01/2007"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	260.000	15.000	0.000
"03/01/2007"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	260.000	15.000	0.000
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"03/01/2007"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
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"04/01/2007"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	264.200	15.000	0.000
"04/01/2007"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	264.200	15.000	0.000
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"04/01/2007"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	264.200	15.000	0.000
"04/01/2007"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	264.200	15.000	0.000
"04/01/2007"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	264.200	15.000	0.000
"04/01/2007"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	264.200	15.000	0.000
"04/01/2007"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"04/01/2007"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	264.200	15.000	0.000
"04/01/2007"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	264.200	15.000	0.000
"04/01/2007"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	264.200	15.000	0.000
"04/01/2007"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	264.200	15.000	0.000
"04/01/2007"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"05/01/2007"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	268.400	15.000	0.000
"05/01/2007"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	268.400	15.000	0.000
"05/01/2007"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	268.400	15.000	0.000
"05/01/2007"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	268.400	15.000	0.000
"05/01/2007"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	268.400	15.000	0.000
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"05/01/2007"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	268.400	15.000	0.000
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"05/01/2007"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	268.400	15.000	0.000
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"05/01/2007"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"06/01/2007"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	272.600	15.000	0.000
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"06/01/2007"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	272.600	15.000	0.000
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"06/01/2007"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
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"07/01/2007"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	276.800	15.000	0.000
"07/01/2007"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	276.800	15.000	0.000
"07/01/2007"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	276.800	15.000	0.000
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"07/01/2007"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	276.800	15.000	0.000
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"07/01/2007"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"08/01/2007"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	281.000	15.000	0.000
"08/01/2007"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	281.000	15.000	0.000
"08/01/2007"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	281.000	15.000	0.000
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"08/01/2007"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	281.000	15.000	0.000
"08/01/2007"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	281.000	15.000	0.000
"08/01/2007"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"08/01/2007"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	281.000	15.000	0.000
"08/01/2007"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	281.000	15.000	0.000
"08/01/2007"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	281.000	15.000	0.000
"08/01/2007"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	281.000	15.000	0.000
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"09/01/2007"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	285.200	15.000	0.00
"09/01/2007"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	285.200	15.000	0.000
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"09/01/2007"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	285.200	15.000	0.000
"09/01/2007"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	285.200	15.000	0.000
"09/01/2007"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	285.200	15.000	0.000
"09/01/2007"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	285.200	15.000	0.000
"09/01/2007"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	285.200	15.000	0.000
"09/01/2007"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	285.200	15.000	0.000
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"09/01/2007"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"10/01/2007"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	289.400	15.000	0.000
"10/01/2007"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	289.400	15.000	0.000
"10/01/2007"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	289.400	15.000	0.000
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"10/01/2007"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	289.400	15.000	0.000
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"10/01/2007"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	289.400	15.000	0.000
"10/01/2007"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"11/01/2007"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	293.600	15.000	0.000
"11/01/2007"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	293.600	15.000	0.000
"11/01/2007"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	293.600	15.000	0.000
"11/01/2007"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	293.600	15.000	0.000
"11/01/2007"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	293.600	15.000	0.000
"11/01/2007"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	293.600	15.000	0.000
"11/01/2007"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	293.600	15.000	0.000
"11/01/2007"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	293.600	15.000	0.000
"11/01/2007"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	293.600	15.000	0.000
"11/01/2007"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	293.600	15.000	0.000
"11/01/2007"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
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"11/01/2007"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	293.600	15.000	0.000
"11/01/2007"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	293.600	15.000	0.000
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"11/01/2007"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"12/01/2007"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	297.800	15.000	0.000
"12/01/2007"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	297.800	15.000	0.000
"12/01/2007"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	297.800	15.000	0.000
"12/01/2007"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	297.800	15.000	0.000
"12/01/2007"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	297.800	15.000	0.000
"12/01/2007"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	297.800	15.000	0.000
"12/01/2007"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	297.800	15.000	0.000
"12/01/2007"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	297.800	15.000	0.000
"12/01/2007"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	297.800	15.000	0.000
"12/01/2007"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	297.800	15.000	0.000
"12/01/2007"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000

"12/01/2007"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	297.800	15.000	0.000
"12/01/2007"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	297.800	15.000	0.000
"12/01/2007"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	297.800	15.000	0.000
"12/01/2007"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	297.800	15.000	0.000
"12/01/2007"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"01/01/2008"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	302.000	15.000	0.000
"01/01/2008"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	302.000	15.000	0.000
"01/01/2008"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	302.000	15.000	0.000
"01/01/2008"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	302.000	15.000	0.000
"01/01/2008"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	302.000	15.000	0.000
"01/01/2008"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	302.000	15.000	0.000
"01/01/2008"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	302.000	15.000	0.000
"01/01/2008"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	302.000	15.000	0.000
"01/01/2008"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	302.000	15.000	0.000
"01/01/2008"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	302.000	15.000	0.000
"01/01/2008"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"01/01/2008"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	302.000	15.000	0.000
"01/01/2008"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	302.000	15.000	0.000
"01/01/2008"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	302.000	15.000	0.000
"01/01/2008"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	302.000	15.000	0.000
"01/01/2008"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000
"01/01/2009"	"3004529598"	"	0.2600	-3.0	14.000	6	20.000	302.000	15.000	0.000
"01/01/2009"	"3004500001"	"	0.2600	-3.0	15.000	6	20.000	302.000	15.000	0.000
"01/01/2009"	"3004500002"	"	0.2600	-3.0	14.000	6	20.000	302.000	15.000	0.000
"01/01/2009"	"3004500003"	"	0.2600	-3.0	15.000	6	20.000	302.000	15.000	0.000
"01/01/2009"	"3004500004"	"	0.2600	-3.0	12.000	6	20.000	302.000	15.000	0.000
"01/01/2009"	"3004500005"	"	0.2600	-3.0	15.000	6	20.000	302.000	15.000	0.000
"01/01/2009"	"3004500006"	"	0.2600	-3.0	16.000	6	20.000	302.000	15.000	0.000
"01/01/2009"	"3004500007"	"	0.2600	-3.0	16.000	6	20.000	302.000	15.000	0.000
"01/01/2009"	"3004500008"	"	0.2600	-3.0	15.000	6	20.000	302.000	15.000	0.000
"01/01/2009"	"3004500009"	"	0.2600	-3.0	19.000	6	20.000	302.000	15.000	0.000
"01/01/2009"	"3004500010"	"	0.2600	-3.0	23.000	6	20.000	40.000	15.000	0.000
"01/01/2009"	"3004500013"	"	0.2600	-3.0	13.000	6	20.000	302.000	15.000	0.000
"01/01/2009"	"3004500014"	"	0.2600	-3.0	13.000	6	20.000	302.000	15.000	0.000
"01/01/2009"	"3004500015"	"	0.2600	-3.0	16.000	6	20.000	302.000	15.000	0.000
"01/01/2009"	"3004500016"	"	0.2600	-3.0	21.000	6	20.000	302.000	15.000	0.000
"01/01/2009"	"3004500017"	"	0.2600	-3.0	13.000	6	20.000	50.000	15.000	0.000



Input Deck

Infills and Recompeitions

Upper Coal

Richardson Operating Company-West Farmington Project-Fruitland Coal Gas-Upper Coals

#

#	MM/D/YYYY	Well ID	Rw	Skin	NetPay	WC	QwMax	QgMax	PwMin	BHP
"01/01/2004"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	3.226	15.000	0.000
"01/01/2004"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	3.226	15.000	0.000
"01/01/2004"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	3.226	15.000	0.000
"01/01/2004"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	3.226	15.000	0.000
"01/01/2004"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	3.226	15.000	0.000
"01/01/2004"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	3.226	15.000	0.000
"01/01/2004"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	3.226	15.000	0.000
"01/01/2004"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	3.226	15.000	0.000
"01/01/2004"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	3.226	15.000	0.000
"01/01/2004"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	3.226	15.000	0.000
"01/01/2004"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	3.226	15.000	0.000
"01/01/2004"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	3.226	15.000	0.000
"01/01/2004"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	3.226	15.000	0.000
"01/01/2004"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	3.226	15.000	0.000
"01/01/2004"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	3.226	15.000	0.000
"01/01/2004"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	3.226	15.000	0.000
"01/01/2004"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	3.226	15.000	0.000
"01/01/2004"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	3.226	15.000	0.000
"01/01/2004"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	3.226	15.000	0.000
"01/01/2004"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	3.226	15.000	0.000
"01/01/2004"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	3.226	15.000	0.000
"01/01/2004"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	3.226	15.000	0.000
"01/01/2004"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	3.226	15.000	0.000
"02/01/2004"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	6.452	15.000	0.000
"02/01/2004"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	6.452	15.000	0.000
"02/01/2004"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	6.452	15.000	0.000
"02/01/2004"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	6.452	15.000	0.000
"02/01/2004"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	6.452	15.000	0.000
"02/01/2004"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	6.452	15.000	0.000
"02/01/2004"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	6.452	15.000	0.000
"02/01/2004"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	6.452	15.000	0.000
"02/01/2004"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	6.452	15.000	0.000
"02/01/2004"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	6.452	15.000	0.000
"02/01/2004"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	6.452	15.000	0.000
"02/01/2004"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	6.452	15.000	0.000
"02/01/2004"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	6.452	15.000	0.000

"02/01/2004"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	6.452	15.000	0.000
"02/01/2004"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	6.452	15.000	0.000
"02/01/2004"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	6.452	15.000	0.000
"02/01/2004"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	6.452	15.000	0.000
"02/01/2004"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	6.452	15.000	0.000
"02/01/2004"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	6.452	15.000	0.000
"02/01/2004"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	6.452	15.000	0.000
"02/01/2004"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	6.452	15.000	0.000
"02/01/2004"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	6.452	15.000	0.000
"02/01/2004"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	6.452	15.000	0.000
"03/01/2004"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	9.677	15.000	0.000
"03/01/2004"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	9.677	15.000	0.000
"03/01/2004"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	9.677	15.000	0.000
"03/01/2004"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	9.677	15.000	0.000
"03/01/2004"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	9.677	15.000	0.000
"03/01/2004"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	9.677	15.000	0.000
"03/01/2004"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	9.677	15.000	0.000
"03/01/2004"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	9.677	15.000	0.000
"03/01/2004"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	9.677	15.000	0.000
"03/01/2004"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	9.677	15.000	0.000
"03/01/2004"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	9.677	15.000	0.000
"03/01/2004"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	9.677	15.000	0.000
"03/01/2004"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	9.677	15.000	0.000
"03/01/2004"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	9.677	15.000	0.000
"03/01/2004"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	9.677	15.000	0.000
"03/01/2004"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	9.677	15.000	0.000
"03/01/2004"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	9.677	15.000	0.000
"03/01/2004"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	9.677	15.000	0.000
"03/01/2004"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	9.677	15.000	0.000
"03/01/2004"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	9.677	15.000	0.000
"03/01/2004"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	9.677	15.000	0.000
"03/01/2004"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	9.677	15.000	0.000
"03/01/2004"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	9.677	15.000	0.000
"04/01/2004"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	12.903	15.000	0.000
"04/01/2004"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	12.903	15.000	0.000
"04/01/2004"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	12.903	15.000	0.000
"04/01/2004"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	12.903	15.000	0.000
"04/01/2004"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	12.903	15.000	0.000
"04/01/2004"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	12.903	15.000	0.000

"04/01/2004"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	12.903	15.000	0.000
"04/01/2004"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	12.903	15.000	0.000
"04/01/2004"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	12.903	15.000	0.000
"04/01/2004"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	12.903	15.000	0.000
"04/01/2004"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	12.903	15.000	0.000
"04/01/2004"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	12.903	15.000	0.000
"04/01/2004"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	12.903	15.000	0.000
"04/01/2004"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	12.903	15.000	0.000
"04/01/2004"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	12.903	15.000	0.000
"04/01/2004"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	12.903	15.000	0.000
"04/01/2004"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	12.903	15.000	0.000
"04/01/2004"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	12.903	15.000	0.000
"04/01/2004"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	12.903	15.000	0.000
"04/01/2004"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	12.903	15.000	0.000
"04/01/2004"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	12.903	15.000	0.000
"04/01/2004"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	12.903	15.000	0.000
"04/01/2004"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	12.903	15.000	0.000
"05/01/2004"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	16.129	15.000	0.000
"05/01/2004"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	16.129	15.000	0.000
"05/01/2004"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	16.129	15.000	0.000
"05/01/2004"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	16.129	15.000	0.000
"05/01/2004"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	16.129	15.000	0.000
"05/01/2004"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	16.129	15.000	0.000
"05/01/2004"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	16.129	15.000	0.000
"05/01/2004"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	16.129	15.000	0.000
"05/01/2004"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	16.129	15.000	0.000
"05/01/2004"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	16.129	15.000	0.000
"05/01/2004"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	16.129	15.000	0.000
"05/01/2004"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	16.129	15.000	0.000
"05/01/2004"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	16.129	15.000	0.000
"05/01/2004"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	16.129	15.000	0.000
"05/01/2004"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	16.129	15.000	0.000
"05/01/2004"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	16.129	15.000	0.000
"05/01/2004"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	16.129	15.000	0.000
"05/01/2004"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	16.129	15.000	0.000
"05/01/2004"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	16.129	15.000	0.000
"05/01/2004"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	16.129	15.000	0.000
"05/01/2004"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	16.129	15.000	0.000
"05/01/2004"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	16.129	15.000	0.000

"05/01/2004"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	16.129	15.000	0.000
"06/01/2004"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	19.355	15.000	0.000
"06/01/2004"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	19.355	15.000	0.000
"06/01/2004"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	19.355	15.000	0.000
"06/01/2004"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	19.355	15.000	0.000
"06/01/2004"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	19.355	15.000	0.000
"06/01/2004"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	19.355	15.000	0.000
"06/01/2004"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	19.355	15.000	0.000
"06/01/2004"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	19.355	15.000	0.000
"06/01/2004"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	19.355	15.000	0.000
"06/01/2004"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	19.355	15.000	0.000
"06/01/2004"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	19.355	15.000	0.000
"06/01/2004"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	19.355	15.000	0.000
"06/01/2004"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	19.355	15.000	0.000
"06/01/2004"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	19.355	15.000	0.000
"06/01/2004"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	19.355	15.000	0.000
"06/01/2004"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	19.355	15.000	0.000
"06/01/2004"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	19.355	15.000	0.000
"06/01/2004"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	19.355	15.000	0.000
"06/01/2004"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	19.355	15.000	0.000
"06/01/2004"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	19.355	15.000	0.000
"06/01/2004"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	19.355	15.000	0.000
"06/01/2004"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	19.355	15.000	0.000
"06/01/2004"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	19.355	15.000	0.000
"07/01/2004"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	22.581	15.000	0.000
"07/01/2004"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	22.581	15.000	0.000
"07/01/2004"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	22.581	15.000	0.000
"07/01/2004"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	22.581	15.000	0.000
"07/01/2004"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	22.581	15.000	0.000
"07/01/2004"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	22.581	15.000	0.000
"07/01/2004"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	22.581	15.000	0.000
"07/01/2004"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	22.581	15.000	0.000
"07/01/2004"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	22.581	15.000	0.000
"07/01/2004"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	22.581	15.000	0.000
"07/01/2004"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	22.581	15.000	0.000
"07/01/2004"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	22.581	15.000	0.000
"07/01/2004"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	22.581	15.000	0.000
"07/01/2004"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	22.581	15.000	0.000
"07/01/2004"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	22.581	15.000	0.000

"07/01/2004"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	22.581	15.000	0.000
"07/01/2004"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	22.581	15.000	0.000
"07/01/2004"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	22.581	15.000	0.000
"07/01/2004"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	22.581	15.000	0.000
"07/01/2004"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	22.581	15.000	0.000
"07/01/2004"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	22.581	15.000	0.000
"07/01/2004"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	22.581	15.000	0.000
"07/01/2004"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	22.581	15.000	0.000
"08/01/2004"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	25.806	15.000	0.000
"08/01/2004"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	25.806	15.000	0.000
"08/01/2004"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	25.806	15.000	0.000
"08/01/2004"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	25.806	15.000	0.000
"08/01/2004"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	25.806	15.000	0.000
"08/01/2004"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	25.806	15.000	0.000
"08/01/2004"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	25.806	15.000	0.000
"08/01/2004"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	25.806	15.000	0.000
"08/01/2004"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	25.806	15.000	0.000
"08/01/2004"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	25.806	15.000	0.000
"08/01/2004"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	25.806	15.000	0.000
"08/01/2004"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	25.806	15.000	0.000
"08/01/2004"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	25.806	15.000	0.000
"08/01/2004"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	25.806	15.000	0.000
"08/01/2004"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	25.806	15.000	0.000
"08/01/2004"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	25.806	15.000	0.000
"08/01/2004"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	25.806	15.000	0.000
"08/01/2004"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	25.806	15.000	0.000
"08/01/2004"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	25.806	15.000	0.000
"08/01/2004"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	25.806	15.000	0.000
"08/01/2004"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	25.806	15.000	0.000
"08/01/2004"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	25.806	15.000	0.000
"08/01/2004"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	25.806	15.000	0.000
"09/01/2004"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	29.032	15.000	0.000
"09/01/2004"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	29.032	15.000	0.000
"09/01/2004"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	29.032	15.000	0.000
"09/01/2004"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	29.032	15.000	0.000
"09/01/2004"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	29.032	15.000	0.000
"09/01/2004"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	29.032	15.000	0.000
"09/01/2004"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	29.032	15.000	0.000
"09/01/2004"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	29.032	15.000	0.000

"09/01/2004"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	29.032	15.000	0.000
"09/01/2004"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	29.032	15.000	0.000
"09/01/2004"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	29.032	15.000	0.000
"09/01/2004"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	29.032	15.000	0.000
"09/01/2004"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	29.032	15.000	0.000
"09/01/2004"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	29.032	15.000	0.000
"09/01/2004"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	29.032	15.000	0.000
"09/01/2004"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	29.032	15.000	0.000
"09/01/2004"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	29.032	15.000	0.000
"09/01/2004"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	29.032	15.000	0.000
"09/01/2004"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	29.032	15.000	0.000
"09/01/2004"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	29.032	15.000	0.000
"09/01/2004"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	29.032	15.000	0.000
"09/01/2004"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	29.032	15.000	0.000
"09/01/2004"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	29.032	15.000	0.000
"10/01/2004"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	32.258	15.000	0.000
"10/01/2004"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	32.258	15.000	0.000
"10/01/2004"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	32.258	15.000	0.000
"10/01/2004"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	32.258	15.000	0.000
"10/01/2004"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	32.258	15.000	0.000
"10/01/2004"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	32.258	15.000	0.000
"10/01/2004"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	32.258	15.000	0.000
"10/01/2004"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	32.258	15.000	0.000
"10/01/2004"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	32.258	15.000	0.000
"10/01/2004"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.000	15.000	0.000
"10/01/2004"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	32.258	15.000	0.000
"10/01/2004"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	32.258	15.000	0.000
"10/01/2004"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	32.258	15.000	0.000
"10/01/2004"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	32.258	15.000	0.000
"10/01/2004"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.000	15.000	0.000
"10/01/2004"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	32.258	15.000	0.000
"10/01/2004"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	32.258	15.000	0.000
"10/01/2004"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	32.258	15.000	0.000
"10/01/2004"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	32.258	15.000	0.000
"10/01/2004"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	32.258	15.000	0.000
"10/01/2004"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	32.258	15.000	0.000
"10/01/2004"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	32.258	15.000	0.000
"10/01/2004"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.000	15.000	0.000
"11/01/2004"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	35.484	15.000	0.000

"11/01/2004"	"3004500002	"	0.2600	-3.00	12.800	6	15.000	35.484	15.000	0.000
"11/01/2004"	"3004500003	"	0.2600	-3.00	10.500	6	15.000	35.484	15.000	0.000
"11/01/2004"	"3004500004	"	0.2600	-3.00	10.600	6	15.000	35.484	15.000	0.000
"11/01/2004"	"3004500005	"	0.2600	-3.00	11.900	6	15.000	35.484	15.000	0.000
"11/01/2004"	"3004500006	"	0.2600	-3.00	12.700	6	15.000	35.484	15.000	0.000
"11/01/2004"	"3004500007	"	0.2600	-3.00	12.100	6	15.000	35.484	15.000	0.000
"11/01/2004"	"3004500008	"	0.2600	-3.00	13.000	6	15.000	35.484	15.000	0.000
"11/01/2004"	"3004500009	"	0.2600	-3.00	14.700	6	15.000	35.484	15.000	0.000
"11/01/2004"	"3004500010	"	0.2600	-3.00	13.900	6	15.000	30.000	15.000	0.000
"11/01/2004"	"3004500013	"	0.2600	-3.00	14.000	6	15.000	35.484	15.000	0.000
"11/01/2004"	"3004500014	"	0.2600	-3.00	12.400	6	15.000	35.484	15.000	0.000
"11/01/2004"	"3004500015	"	0.2600	-3.00	14.200	6	15.000	35.484	15.000	0.000
"11/01/2004"	"3004500016	"	0.2600	-3.00	15.000	6	15.000	35.484	15.000	0.000
"11/01/2004"	"3004500017	"	0.2600	-3.00	12.900	6	15.000	30.000	15.000	0.000
"11/01/2004"	"3004529598	"	0.2600	-3.00	11.000	6	15.000	35.484	15.000	0.000
"11/01/2004"	"3004529649	"	0.2600	-3.00	11.000	6	15.000	35.484	15.000	0.000
"11/01/2004"	"3004529737	"	0.2600	-3.00	8.000	6	15.000	35.484	15.000	0.000
"11/01/2004"	"3004530062	"	0.2600	-3.00	6.500	6	15.000	35.484	15.000	0.000
"11/01/2004"	"3004530114	"	0.2600	-3.00	12.000	6	15.000	35.484	15.000	0.000
"11/01/2004"	"3004530348	"	0.2600	-3.00	13.500	6	15.000	35.484	15.000	0.000
"11/01/2004"	"3004530058	"	0.2600	-3.00	7.500	6	15.000	35.484	15.000	0.000
"11/01/2004"	"3004529825	"	0.2600	-3.00	13.000	6	15.000	30.000	15.000	0.000
"12/01/2004"	"3004500001	"	0.2600	-3.00	11.900	6	15.000	38.710	15.000	0.000
"12/01/2004"	"3004500002	"	0.2600	-3.00	12.800	6	15.000	38.710	15.000	0.000
"12/01/2004"	"3004500003	"	0.2600	-3.00	10.500	6	15.000	38.710	15.000	0.000
"12/01/2004"	"3004500004	"	0.2600	-3.00	10.600	6	15.000	38.710	15.000	0.000
"12/01/2004"	"3004500005	"	0.2600	-3.00	11.900	6	15.000	38.710	15.000	0.000
"12/01/2004"	"3004500006	"	0.2600	-3.00	12.700	6	15.000	38.710	15.000	0.000
"12/01/2004"	"3004500007	"	0.2600	-3.00	12.100	6	15.000	38.710	15.000	0.000
"12/01/2004"	"3004500008	"	0.2600	-3.00	13.000	6	15.000	38.710	15.000	0.000
"12/01/2004"	"3004500009	"	0.2600	-3.00	14.700	6	15.000	38.710	15.000	0.000
"12/01/2004"	"3004500010	"	0.2600	-3.00	13.900	6	15.000	30.000	15.000	0.000
"12/01/2004"	"3004500013	"	0.2600	-3.00	14.000	6	15.000	38.710	15.000	0.000
"12/01/2004"	"3004500014	"	0.2600	-3.00	12.400	6	15.000	38.710	15.000	0.000
"12/01/2004"	"3004500015	"	0.2600	-3.00	14.200	6	15.000	38.710	15.000	0.000
"12/01/2004"	"3004500016	"	0.2600	-3.00	15.000	6	15.000	38.710	15.000	0.000
"12/01/2004"	"3004500017	"	0.2600	-3.00	12.900	6	15.000	30.000	15.000	0.000
"12/01/2004"	"3004529598	"	0.2600	-3.00	11.000	6	15.000	38.710	15.000	0.000
"12/01/2004"	"3004529649	"	0.2600	-3.00	11.000	6	15.000	38.710	15.000	0.000

"12/01/2004"	"3004529737	"	0.2600	-3.00	8.000	6	15.000	38.710	15.000	0.000
"12/01/2004"	"3004530062	"	0.2600	-3.00	6.500	6	15.000	38.710	15.000	0.000
"12/01/2004"	"3004530114	"	0.2600	-3.00	12.000	6	15.000	38.710	15.000	0.000
"12/01/2004"	"3004530348	"	0.2600	-3.00	13.500	6	15.000	38.710	15.000	0.000
"12/01/2004"	"3004530058	"	0.2600	-3.00	7.500	6	15.000	38.710	15.000	0.000
"12/01/2004"	"3004529825	"	0.2600	-3.00	13.000	6	15.000	30.000	15.000	0.000
"01/01/2005"	"3004500001	"	0.2600	-3.00	11.900	6	15.000	41.935	15.000	0.000
"01/01/2005"	"3004500002	"	0.2600	-3.00	12.800	6	15.000	41.935	15.000	0.000
"01/01/2005"	"3004500003	"	0.2600	-3.00	10.500	6	15.000	41.935	15.000	0.000
"01/01/2005"	"3004500004	"	0.2600	-3.00	10.600	6	15.000	41.935	15.000	0.000
"01/01/2005"	"3004500005	"	0.2600	-3.00	11.900	6	15.000	41.935	15.000	0.000
"01/01/2005"	"3004500006	"	0.2600	-3.00	12.700	6	15.000	41.935	15.000	0.000
"01/01/2005"	"3004500007	"	0.2600	-3.00	12.100	6	15.000	41.935	15.000	0.000
"01/01/2005"	"3004500008	"	0.2600	-3.00	13.000	6	15.000	41.935	15.000	0.000
"01/01/2005"	"3004500009	"	0.2600	-3.00	14.700	6	15.000	41.935	15.000	0.000
"01/01/2005"	"3004500010	"	0.2600	-3.00	13.900	6	15.000	30.000	15.000	0.000
"01/01/2005"	"3004500013	"	0.2600	-3.00	14.000	6	15.000	41.935	15.000	0.000
"01/01/2005"	"3004500014	"	0.2600	-3.00	12.400	6	15.000	41.935	15.000	0.000
"01/01/2005"	"3004500015	"	0.2600	-3.00	14.200	6	15.000	41.935	15.000	0.000
"01/01/2005"	"3004500016	"	0.2600	-3.00	15.000	6	15.000	41.935	15.000	0.000
"01/01/2005"	"3004500017	"	0.2600	-3.00	12.900	6	15.000	30.000	15.000	0.000
"01/01/2005"	"3004529598	"	0.2600	-3.00	11.000	6	15.000	41.935	15.000	0.000
"01/01/2005"	"3004529649	"	0.2600	-3.00	11.000	6	15.000	41.935	15.000	0.000
"01/01/2005"	"3004529737	"	0.2600	-3.00	8.000	6	15.000	41.935	15.000	0.000
"01/01/2005"	"3004530062	"	0.2600	-3.00	6.500	6	15.000	41.935	15.000	0.000
"01/01/2005"	"3004530114	"	0.2600	-3.00	12.000	6	15.000	41.935	15.000	0.000
"01/01/2005"	"3004530348	"	0.2600	-3.00	13.500	6	15.000	41.935	15.000	0.000
"01/01/2005"	"3004530058	"	0.2600	-3.00	7.500	6	15.000	41.935	15.000	0.000
"01/01/2005"	"3004529825	"	0.2600	-3.00	13.000	6	15.000	30.000	15.000	0.000
"02/01/2005"	"3004500001	"	0.2600	-3.00	11.900	6	15.000	45.161	15.000	0.000
"02/01/2005"	"3004500002	"	0.2600	-3.00	12.800	6	15.000	45.161	15.000	0.000
"02/01/2005"	"3004500003	"	0.2600	-3.00	10.500	6	15.000	45.161	15.000	0.000
"02/01/2005"	"3004500004	"	0.2600	-3.00	10.600	6	15.000	45.161	15.000	0.000
"02/01/2005"	"3004500005	"	0.2600	-3.00	11.900	6	15.000	45.161	15.000	0.000
"02/01/2005"	"3004500006	"	0.2600	-3.00	12.700	6	15.000	45.161	15.000	0.000
"02/01/2005"	"3004500007	"	0.2600	-3.00	12.100	6	15.000	45.161	15.000	0.000
"02/01/2005"	"3004500008	"	0.2600	-3.00	13.000	6	15.000	45.161	15.000	0.000
"02/01/2005"	"3004500009	"	0.2600	-3.00	14.700	6	15.000	45.161	15.000	0.000
"02/01/2005"	"3004500010	"	0.2600	-3.00	13.900	6	15.000	30.000	15.000	0.000

"02/01/2005"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	45.161	15.000	0.000
"02/01/2005"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	45.161	15.000	0.000
"02/01/2005"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	45.161	15.000	0.000
"02/01/2005"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	45.161	15.000	0.000
"02/01/2005"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.000	15.000	0.000
"02/01/2005"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	45.161	15.000	0.000
"02/01/2005"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	45.161	15.000	0.000
"02/01/2005"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	45.161	15.000	0.000
"02/01/2005"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	45.161	15.000	0.000
"02/01/2005"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	45.161	15.000	0.000
"02/01/2005"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	45.161	15.000	0.000
"02/01/2005"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	45.161	15.000	0.000
"02/01/2005"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.000	15.000	0.000
"03/01/2005"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	48.387	15.000	0.000
"03/01/2005"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	48.387	15.000	0.000
"03/01/2005"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	48.387	15.000	0.000
"03/01/2005"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	48.387	15.000	0.000
"03/01/2005"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	48.387	15.000	0.000
"03/01/2005"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	48.387	15.000	0.000
"03/01/2005"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	48.387	15.000	0.000
"03/01/2005"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	48.387	15.000	0.000
"03/01/2005"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	48.387	15.000	0.000
"03/01/2005"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.000	15.000	0.000
"03/01/2005"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	48.387	15.000	0.000
"03/01/2005"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	48.387	15.000	0.000
"03/01/2005"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	48.387	15.000	0.000
"03/01/2005"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	48.387	15.000	0.000
"03/01/2005"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.000	15.000	0.000
"03/01/2005"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	48.387	15.000	0.000
"03/01/2005"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	48.387	15.000	0.000
"03/01/2005"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	48.387	15.000	0.000
"03/01/2005"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	48.387	15.000	0.000
"03/01/2005"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	48.387	15.000	0.000
"03/01/2005"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	48.387	15.000	0.000
"03/01/2005"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	48.387	15.000	0.000
"03/01/2005"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.000	15.000	0.000
"04/01/2005"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	51.613	15.000	0.000
"04/01/2005"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	51.613	15.000	0.000
"04/01/2005"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	51.613	15.000	0.000

"04/01/2005"	"3004500004	"	0.2600	-3.00	10.600	6	15.000	51.613	15.000	0.000
"04/01/2005"	"3004500005	"	0.2600	-3.00	11.900	6	15.000	51.613	15.000	0.000
"04/01/2005"	"3004500006	"	0.2600	-3.00	12.700	6	15.000	51.613	15.000	0.000
"04/01/2005"	"3004500007	"	0.2600	-3.00	12.100	6	15.000	51.613	15.000	0.000
"04/01/2005"	"3004500008	"	0.2600	-3.00	13.000	6	15.000	51.613	15.000	0.000
"04/01/2005"	"3004500009	"	0.2600	-3.00	14.700	6	15.000	51.613	15.000	0.000
"04/01/2005"	"3004500010	"	0.2600	-3.00	13.900	6	15.000	30.000	15.000	0.000
"04/01/2005"	"3004500013	"	0.2600	-3.00	14.000	6	15.000	51.613	15.000	0.000
"04/01/2005"	"3004500014	"	0.2600	-3.00	12.400	6	15.000	51.613	15.000	0.000
"04/01/2005"	"3004500015	"	0.2600	-3.00	14.200	6	15.000	51.613	15.000	0.000
"04/01/2005"	"3004500016	"	0.2600	-3.00	15.000	6	15.000	51.613	15.000	0.000
"04/01/2005"	"3004500017	"	0.2600	-3.00	12.900	6	15.000	30.000	15.000	0.000
"04/01/2005"	"3004529598	"	0.2600	-3.00	11.000	6	15.000	51.613	15.000	0.000
"04/01/2005"	"3004529649	"	0.2600	-3.00	11.000	6	15.000	51.613	15.000	0.000
"04/01/2005"	"3004529737	"	0.2600	-3.00	8.000	6	15.000	51.613	15.000	0.000
"04/01/2005"	"3004530062	"	0.2600	-3.00	6.500	6	15.000	51.613	15.000	0.000
"04/01/2005"	"3004530114	"	0.2600	-3.00	12.000	6	15.000	51.613	15.000	0.000
"04/01/2005"	"3004530348	"	0.2600	-3.00	13.500	6	15.000	51.613	15.000	0.000
"04/01/2005"	"3004530058	"	0.2600	-3.00	7.500	6	15.000	51.613	15.000	0.000
"04/01/2005"	"3004529825	"	0.2600	-3.00	13.000	6	15.000	30.000	15.000	0.000
"05/01/2005"	"3004500001	"	0.2600	-3.00	11.900	6	15.000	54.839	15.000	0.000
"05/01/2005"	"3004500002	"	0.2600	-3.00	12.800	6	15.000	54.839	15.000	0.000
"05/01/2005"	"3004500003	"	0.2600	-3.00	10.500	6	15.000	54.839	15.000	0.000
"05/01/2005"	"3004500004	"	0.2600	-3.00	10.600	6	15.000	54.839	15.000	0.000
"05/01/2005"	"3004500005	"	0.2600	-3.00	11.900	6	15.000	54.839	15.000	0.000
"05/01/2005"	"3004500006	"	0.2600	-3.00	12.700	6	15.000	54.839	15.000	0.000
"05/01/2005"	"3004500007	"	0.2600	-3.00	12.100	6	15.000	54.839	15.000	0.000
"05/01/2005"	"3004500008	"	0.2600	-3.00	13.000	6	15.000	54.839	15.000	0.000
"05/01/2005"	"3004500009	"	0.2600	-3.00	14.700	6	15.000	54.839	15.000	0.000
"05/01/2005"	"3004500010	"	0.2600	-3.00	13.900	6	15.000	30.000	15.000	0.000
"05/01/2005"	"3004500013	"	0.2600	-3.00	14.000	6	15.000	54.839	15.000	0.000
"05/01/2005"	"3004500014	"	0.2600	-3.00	12.400	6	15.000	54.839	15.000	0.000
"05/01/2005"	"3004500015	"	0.2600	-3.00	14.200	6	15.000	54.839	15.000	0.000
"05/01/2005"	"3004500016	"	0.2600	-3.00	15.000	6	15.000	54.839	15.000	0.000
"05/01/2005"	"3004500017	"	0.2600	-3.00	12.900	6	15.000	30.000	15.000	0.000
"05/01/2005"	"3004529598	"	0.2600	-3.00	11.000	6	15.000	54.839	15.000	0.000
"05/01/2005"	"3004529649	"	0.2600	-3.00	11.000	6	15.000	54.839	15.000	0.000
"05/01/2005"	"3004529737	"	0.2600	-3.00	8.000	6	15.000	54.839	15.000	0.000
"05/01/2005"	"3004530062	"	0.2600	-3.00	6.500	6	15.000	54.839	15.000	0.000

"05/01/2005"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	54.839	15.000	0.000
"05/01/2005"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	54.839	15.000	0.000
"05/01/2005"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	54.839	15.000	0.000
"05/01/2005"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.000	15.000	0.000
"06/01/2005"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	58.065	15.000	0.000
"06/01/2005"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	58.065	15.000	0.000
"06/01/2005"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	58.065	15.000	0.000
"06/01/2005"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	58.065	15.000	0.000
"06/01/2005"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	58.065	15.000	0.000
"06/01/2005"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	58.065	15.000	0.000
"06/01/2005"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	58.065	15.000	0.000
"06/01/2005"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	58.065	15.000	0.000
"06/01/2005"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	58.065	15.000	0.000
"06/01/2005"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.000	15.000	0.000
"06/01/2005"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	58.065	15.000	0.000
"06/01/2005"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	58.065	15.000	0.000
"06/01/2005"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	58.065	15.000	0.000
"06/01/2005"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	58.065	15.000	0.000
"06/01/2005"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.000	15.000	0.000
"06/01/2005"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	58.065	15.000	0.000
"06/01/2005"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	58.065	15.000	0.000
"06/01/2005"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	58.065	15.000	0.000
"06/01/2005"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	58.065	15.000	0.000
"06/01/2005"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	58.065	15.000	0.000
"06/01/2005"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	58.065	15.000	0.000
"06/01/2005"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	58.065	15.000	0.000
"06/01/2005"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.000	15.000	0.000
"07/01/2005"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	61.290	15.000	0.000
"07/01/2005"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	61.290	15.000	0.000
"07/01/2005"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	61.290	15.000	0.000
"07/01/2005"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	61.290	15.000	0.000
"07/01/2005"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	61.290	15.000	0.000
"07/01/2005"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	61.290	15.000	0.000
"07/01/2005"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	61.290	15.000	0.000
"07/01/2005"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	61.290	15.000	0.000
"07/01/2005"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	61.290	15.000	0.000
"07/01/2005"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.000	15.000	0.000
"07/01/2005"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	61.290	15.000	0.000
"07/01/2005"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	61.290	15.000	0.000

"07/01/2005"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	61.290	15.000	0.000
"07/01/2005"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	61.290	15.000	0.000
"07/01/2005"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.000	15.000	0.000
"07/01/2005"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	61.290	15.000	0.000
"07/01/2005"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	61.290	15.000	0.000
"07/01/2005"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	61.290	15.000	0.000
"07/01/2005"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	61.290	15.000	0.000
"07/01/2005"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	61.290	15.000	0.000
"07/01/2005"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	61.290	15.000	0.000
"07/01/2005"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	61.290	15.000	0.000
"07/01/2005"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.000	15.000	0.000
"08/01/2005"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	64.516	15.000	0.000
"08/01/2005"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	64.516	15.000	0.000
"08/01/2005"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	64.516	15.000	0.000
"08/01/2005"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	64.516	15.000	0.000
"08/01/2005"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	64.516	15.000	0.000
"08/01/2005"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	64.516	15.000	0.000
"08/01/2005"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	64.516	15.000	0.000
"08/01/2005"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	64.516	15.000	0.000
"08/01/2005"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	64.516	15.000	0.000
"08/01/2005"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.000	15.000	0.000
"08/01/2005"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	64.516	15.000	0.000
"08/01/2005"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	64.516	15.000	0.000
"08/01/2005"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	64.516	15.000	0.000
"08/01/2005"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	64.516	15.000	0.000
"08/01/2005"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.000	15.000	0.000
"08/01/2005"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	64.516	15.000	0.000
"08/01/2005"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	64.516	15.000	0.000
"08/01/2005"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	64.516	15.000	0.000
"08/01/2005"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	64.516	15.000	0.000
"08/01/2005"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	64.516	15.000	0.000
"08/01/2005"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	64.516	15.000	0.000
"08/01/2005"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	64.516	15.000	0.000
"08/01/2005"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.000	15.000	0.000
"09/01/2005"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	67.742	15.000	0.000
"09/01/2005"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	67.742	15.000	0.000
"09/01/2005"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	67.742	15.000	0.000
"09/01/2005"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	67.742	15.000	0.000
"09/01/2005"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	67.742	15.000	0.000

"09/01/2005"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	67.742	15.000	0.000
"09/01/2005"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	67.742	15.000	0.000
"09/01/2005"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	67.742	15.000	0.000
"09/01/2005"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	67.742	15.000	0.000
"09/01/2005"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.000	15.000	0.000
"09/01/2005"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	67.742	15.000	0.000
"09/01/2005"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	67.742	15.000	0.000
"09/01/2005"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	67.742	15.000	0.000
"09/01/2005"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	67.742	15.000	0.000
"09/01/2005"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.000	15.000	0.000
"09/01/2005"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	67.742	15.000	0.000
"09/01/2005"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	67.742	15.000	0.000
"09/01/2005"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	67.742	15.000	0.000
"09/01/2005"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	67.742	15.000	0.000
"09/01/2005"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	67.742	15.000	0.000
"09/01/2005"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	67.742	15.000	0.000
"09/01/2005"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	67.742	15.000	0.000
"09/01/2005"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.000	15.000	0.000
"10/01/2005"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	70.968	15.000	0.000
"10/01/2005"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	70.968	15.000	0.000
"10/01/2005"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	70.968	15.000	0.000
"10/01/2005"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	70.968	15.000	0.000
"10/01/2005"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	70.968	15.000	0.000
"10/01/2005"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	70.968	15.000	0.000
"10/01/2005"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	70.968	15.000	0.000
"10/01/2005"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	70.968	15.000	0.000
"10/01/2005"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	70.968	15.000	0.000
"10/01/2005"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.000	15.000	0.000
"10/01/2005"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	70.968	15.000	0.000
"10/01/2005"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	70.968	15.000	0.000
"10/01/2005"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	70.968	15.000	0.000
"10/01/2005"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	70.968	15.000	0.000
"10/01/2005"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.000	15.000	0.000
"10/01/2005"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	70.968	15.000	0.000
"10/01/2005"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	70.968	15.000	0.000
"10/01/2005"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	70.968	15.000	0.000
"10/01/2005"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	70.968	15.000	0.000
"10/01/2005"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	70.968	15.000	0.000
"10/01/2005"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	70.968	15.000	0.000

"10/01/2005"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	70.968	15.000	0.000
"10/01/2005"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.000	15.000	0.000
"11/01/2005"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	74.194	15.000	0.000
"11/01/2005"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	74.194	15.000	0.000
"11/01/2005"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	74.194	15.000	0.000
"11/01/2005"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	74.194	15.000	0.000
"11/01/2005"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	74.194	15.000	0.000
"11/01/2005"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	74.194	15.000	0.000
"11/01/2005"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	74.194	15.000	0.000
"11/01/2005"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	74.194	15.000	0.000
"11/01/2005"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	74.194	15.000	0.000
"11/01/2005"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.000	15.000	0.000
"11/01/2005"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	74.194	15.000	0.000
"11/01/2005"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	74.194	15.000	0.000
"11/01/2005"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	74.194	15.000	0.000
"11/01/2005"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	74.194	15.000	0.000
"11/01/2005"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.000	15.000	0.000
"11/01/2005"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	74.194	15.000	0.000
"11/01/2005"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	74.194	15.000	0.000
"11/01/2005"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	74.194	15.000	0.000
"11/01/2005"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	74.194	15.000	0.000
"11/01/2005"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	74.194	15.000	0.000
"11/01/2005"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	74.194	15.000	0.000
"11/01/2005"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	74.194	15.000	0.000
"11/01/2005"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.000	15.000	0.000
"12/01/2005"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	77.419	15.000	0.000
"12/01/2005"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	77.419	15.000	0.000
"12/01/2005"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	77.419	15.000	0.000
"12/01/2005"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	77.419	15.000	0.000
"12/01/2005"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	77.419	15.000	0.000
"12/01/2005"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	77.419	15.000	0.000
"12/01/2005"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	77.419	15.000	0.000
"12/01/2005"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	77.419	15.000	0.000
"12/01/2005"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	77.419	15.000	0.000
"12/01/2005"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.000	15.000	0.000
"12/01/2005"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	77.419	15.000	0.000
"12/01/2005"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	77.419	15.000	0.000
"12/01/2005"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	77.419	15.000	0.000
"12/01/2005"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	77.419	15.000	0.000

"12/01/2005"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.000	15.000	0.000
"12/01/2005"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	77.419	15.000	0.000
"12/01/2005"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	77.419	15.000	0.000
"12/01/2005"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	77.419	15.000	0.000
"12/01/2005"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	77.419	15.000	0.000
"12/01/2005"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	77.419	15.000	0.000
"12/01/2005"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	77.419	15.000	0.000
"12/01/2005"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	77.419	15.000	0.000
"12/01/2005"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.000	15.000	0.000
"01/01/2006"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	80.645	15.000	0.000
"01/01/2006"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	80.645	15.000	0.000
"01/01/2006"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	80.645	15.000	0.000
"01/01/2006"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	80.645	15.000	0.000
"01/01/2006"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	80.645	15.000	0.000
"01/01/2006"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	80.645	15.000	0.000
"01/01/2006"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	80.645	15.000	0.000
"01/01/2006"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	80.645	15.000	0.000
"01/01/2006"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	80.645	15.000	0.000
"01/01/2006"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.000	15.000	0.000
"01/01/2006"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	80.645	15.000	0.000
"01/01/2006"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	80.645	15.000	0.000
"01/01/2006"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	80.645	15.000	0.000
"01/01/2006"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	80.645	15.000	0.000
"01/01/2006"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.000	15.000	0.000
"01/01/2006"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	80.645	15.000	0.000
"01/01/2006"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	80.645	15.000	0.000
"01/01/2006"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	80.645	15.000	0.000
"01/01/2006"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	80.645	15.000	0.000
"01/01/2006"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	80.645	15.000	0.000
"01/01/2006"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	80.645	15.000	0.000
"01/01/2006"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	80.645	15.000	0.000
"01/01/2006"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.000	15.000	0.000
"02/01/2006"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	83.871	15.000	0.000
"02/01/2006"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	83.871	15.000	0.000
"02/01/2006"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	83.871	15.000	0.000
"02/01/2006"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	83.871	15.000	0.000
"02/01/2006"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	83.871	15.000	0.000
"02/01/2006"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	83.871	15.000	0.000
"02/01/2006"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	83.871	15.000	0.000

"02/01/2006"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	83.871	15.000	0.000
"02/01/2006"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	83.871	15.000	0.000
"02/01/2006"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.000	15.000	0.000
"02/01/2006"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	83.871	15.000	0.000
"02/01/2006"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	83.871	15.000	0.000
"02/01/2006"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	83.871	15.000	0.000
"02/01/2006"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	83.871	15.000	0.000
"02/01/2006"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.000	15.000	0.000
"02/01/2006"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	83.871	15.000	0.000
"02/01/2006"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	83.871	15.000	0.000
"02/01/2006"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	83.871	15.000	0.000
"02/01/2006"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	83.871	15.000	0.000
"02/01/2006"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	83.871	15.000	0.000
"02/01/2006"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	83.871	15.000	0.000
"02/01/2006"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	83.871	15.000	0.000
"02/01/2006"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.000	15.000	0.000
"03/01/2006"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	87.0970	15.000	0.000
"03/01/2006"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	87.0970	15.000	0.000
"03/01/2006"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	87.0970	15.000	0.000
"03/01/2006"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	87.0970	15.000	0.000
"03/01/2006"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	87.0970	15.000	0.000
"03/01/2006"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	87.0970	15.000	0.000
"03/01/2006"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	87.0970	15.000	0.000
"03/01/2006"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	87.0970	15.000	0.000
"03/01/2006"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	87.0970	15.000	0.000
"03/01/2006"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"03/01/2006"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	87.0970	15.000	0.000
"03/01/2006"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	87.0970	15.000	0.000
"03/01/2006"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	87.0970	15.000	0.000
"03/01/2006"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	87.0970	15.000	0.000
"03/01/2006"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"03/01/2006"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	87.0970	15.000	0.000
"03/01/2006"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	87.0970	15.000	0.000
"03/01/2006"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	87.0970	15.000	0.000
"03/01/2006"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	87.0970	15.000	0.000
"03/01/2006"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	87.0970	15.000	0.000
"03/01/2006"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	87.0970	15.000	0.000
"03/01/2006"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	87.0970	15.000	0.000
"03/01/2006"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000

"04/01/2006"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	90.3230	15.000	0.000
"04/01/2006"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	90.3230	15.000	0.000
"04/01/2006"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	90.3230	15.000	0.000
"04/01/2006"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	90.3230	15.000	0.000
"04/01/2006"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	90.3230	15.000	0.000
"04/01/2006"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	90.3230	15.000	0.000
"04/01/2006"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	90.3230	15.000	0.000
"04/01/2006"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	90.3230	15.000	0.000
"04/01/2006"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	90.3230	15.000	0.000
"04/01/2006"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"04/01/2006"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	90.3230	15.000	0.000
"04/01/2006"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	90.3230	15.000	0.000
"04/01/2006"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	90.3230	15.000	0.000
"04/01/2006"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	90.3230	15.000	0.000
"04/01/2006"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"04/01/2006"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	90.3230	15.000	0.000
"04/01/2006"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	90.3230	15.000	0.000
"04/01/2006"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	90.3230	15.000	0.000
"04/01/2006"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	90.3230	15.000	0.000
"04/01/2006"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	90.3230	15.000	0.000
"04/01/2006"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	90.3230	15.000	0.000
"04/01/2006"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	90.3230	15.000	0.000
"04/01/2006"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"05/01/2006"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	93.5480	15.000	0.000
"05/01/2006"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	93.5480	15.000	0.000
"05/01/2006"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	93.5480	15.000	0.000
"05/01/2006"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	93.5480	15.000	0.000
"05/01/2006"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	93.5480	15.000	0.000
"05/01/2006"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	93.5480	15.000	0.000
"05/01/2006"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	93.5480	15.000	0.000
"05/01/2006"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	93.5480	15.000	0.000
"05/01/2006"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	93.5480	15.000	0.000
"05/01/2006"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"05/01/2006"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	93.5480	15.000	0.000
"05/01/2006"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	93.5480	15.000	0.000
"05/01/2006"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	93.5480	15.000	0.000
"05/01/2006"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	93.5480	15.000	0.000
"05/01/2006"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"05/01/2006"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	93.5480	15.000	0.000

"05/01/2006"	"3004529649	"	0.2600	-3.00	11.000	6	15.000	93.5480	15.000	0.000
"05/01/2006"	"3004529737	"	0.2600	-3.00	8.000	6	15.000	93.5480	15.000	0.000
"05/01/2006"	"3004530062	"	0.2600	-3.00	6.500	6	15.000	93.5480	15.000	0.000
"05/01/2006"	"3004530114	"	0.2600	-3.00	12.000	6	15.000	93.5480	15.000	0.000
"05/01/2006"	"3004530348	"	0.2600	-3.00	13.500	6	15.000	93.5480	15.000	0.000
"05/01/2006"	"3004530058	"	0.2600	-3.00	7.500	6	15.000	93.5480	15.000	0.000
"05/01/2006"	"3004529825	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"06/01/2006"	"3004500001	"	0.2600	-3.00	11.900	6	15.000	96.7740	15.000	0.000
"06/01/2006"	"3004500002	"	0.2600	-3.00	12.800	6	15.000	96.7740	15.000	0.000
"06/01/2006"	"3004500003	"	0.2600	-3.00	10.500	6	15.000	96.7740	15.000	0.000
"06/01/2006"	"3004500004	"	0.2600	-3.00	10.600	6	15.000	96.7740	15.000	0.000
"06/01/2006"	"3004500005	"	0.2600	-3.00	11.900	6	15.000	96.7740	15.000	0.000
"06/01/2006"	"3004500006	"	0.2600	-3.00	12.700	6	15.000	96.7740	15.000	0.000
"06/01/2006"	"3004500007	"	0.2600	-3.00	12.100	6	15.000	96.7740	15.000	0.000
"06/01/2006"	"3004500008	"	0.2600	-3.00	13.000	6	15.000	96.7740	15.000	0.000
"06/01/2006"	"3004500009	"	0.2600	-3.00	14.700	6	15.000	96.7740	15.000	0.000
"06/01/2006"	"3004500010	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"06/01/2006"	"3004500013	"	0.2600	-3.00	14.000	6	15.000	96.7740	15.000	0.000
"06/01/2006"	"3004500014	"	0.2600	-3.00	12.400	6	15.000	96.7740	15.000	0.000
"06/01/2006"	"3004500015	"	0.2600	-3.00	14.200	6	15.000	96.7740	15.000	0.000
"06/01/2006"	"3004500016	"	0.2600	-3.00	15.000	6	15.000	96.7740	15.000	0.000
"06/01/2006"	"3004500017	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"06/01/2006"	"3004529598	"	0.2600	-3.00	11.000	6	15.000	96.7740	15.000	0.000
"06/01/2006"	"3004529649	"	0.2600	-3.00	11.000	6	15.000	96.7740	15.000	0.000
"06/01/2006"	"3004529737	"	0.2600	-3.00	8.000	6	15.000	96.7740	15.000	0.000
"06/01/2006"	"3004530062	"	0.2600	-3.00	6.500	6	15.000	96.7740	15.000	0.000
"06/01/2006"	"3004530114	"	0.2600	-3.00	12.000	6	15.000	96.7740	15.000	0.000
"06/01/2006"	"3004530348	"	0.2600	-3.00	13.500	6	15.000	96.7740	15.000	0.000
"06/01/2006"	"3004530058	"	0.2600	-3.00	7.500	6	15.000	96.7740	15.000	0.000
"06/01/2006"	"3004529825	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"07/01/2006"	"3004500001	"	0.2600	-3.00	11.900	6	15.000	100.0000	15.000	0.000
"07/01/2006"	"3004500002	"	0.2600	-3.00	12.800	6	15.000	100.0000	15.000	0.000
"07/01/2006"	"3004500003	"	0.2600	-3.00	10.500	6	15.000	100.0000	15.000	0.000
"07/01/2006"	"3004500004	"	0.2600	-3.00	10.600	6	15.000	100.0000	15.000	0.000
"07/01/2006"	"3004500005	"	0.2600	-3.00	11.900	6	15.000	100.0000	15.000	0.000
"07/01/2006"	"3004500006	"	0.2600	-3.00	12.700	6	15.000	100.0000	15.000	0.000
"07/01/2006"	"3004500007	"	0.2600	-3.00	12.100	6	15.000	100.0000	15.000	0.000
"07/01/2006"	"3004500008	"	0.2600	-3.00	13.000	6	15.000	100.0000	15.000	0.000
"07/01/2006"	"3004500009	"	0.2600	-3.00	14.700	6	15.000	100.0000	15.000	0.000

"07/01/2006"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"07/01/2006"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	100.0000	15.000	0.000
"07/01/2006"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	100.0000	15.000	0.000
"07/01/2006"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	100.0000	15.000	0.000
"07/01/2006"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	100.0000	15.000	0.000
"07/01/2006"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"07/01/2006"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	100.0000	15.000	0.000
"07/01/2006"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	100.0000	15.000	0.000
"07/01/2006"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	100.0000	15.000	0.000
"07/01/2006"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	100.0000	15.000	0.000
"07/01/2006"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	100.0000	15.000	0.000
"07/01/2006"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	100.0000	15.000	0.000
"07/01/2006"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	100.0000	15.000	0.000
"07/01/2006"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"08/01/2006"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	103.2260	15.000	0.000
"08/01/2006"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	103.2260	15.000	0.000
"08/01/2006"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	103.2260	15.000	0.000
"08/01/2006"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	103.2260	15.000	0.000
"08/01/2006"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	103.2260	15.000	0.000
"08/01/2006"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	103.2260	15.000	0.000
"08/01/2006"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	103.2260	15.000	0.000
"08/01/2006"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	103.2260	15.000	0.000
"08/01/2006"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	103.2260	15.000	0.000
"08/01/2006"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"08/01/2006"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	103.2260	15.000	0.000
"08/01/2006"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	103.2260	15.000	0.000
"08/01/2006"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	103.2260	15.000	0.000
"08/01/2006"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	103.2260	15.000	0.000
"08/01/2006"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"08/01/2006"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	103.2260	15.000	0.000
"08/01/2006"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	103.2260	15.000	0.000
"08/01/2006"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	103.2260	15.000	0.000
"08/01/2006"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	103.2260	15.000	0.000
"08/01/2006"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	103.2260	15.000	0.000
"08/01/2006"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	103.2260	15.000	0.000
"08/01/2006"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	103.2260	15.000	0.000
"08/01/2006"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"09/01/2006"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	106.4520	15.000	0.000
"09/01/2006"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	106.4520	15.000	0.000

"09/01/2006"	"3004500003	"	0.2600	-3.00	10.500	6	15.000	106.4520	15.000	0.000
"09/01/2006"	"3004500004	"	0.2600	-3.00	10.600	6	15.000	106.4520	15.000	0.000
"09/01/2006"	"3004500005	"	0.2600	-3.00	11.900	6	15.000	106.4520	15.000	0.000
"09/01/2006"	"3004500006	"	0.2600	-3.00	12.700	6	15.000	106.4520	15.000	0.000
"09/01/2006"	"3004500007	"	0.2600	-3.00	12.100	6	15.000	106.4520	15.000	0.000
"09/01/2006"	"3004500008	"	0.2600	-3.00	13.000	6	15.000	106.4520	15.000	0.000
"09/01/2006"	"3004500009	"	0.2600	-3.00	14.700	6	15.000	106.4520	15.000	0.000
"09/01/2006"	"3004500010	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"09/01/2006"	"3004500013	"	0.2600	-3.00	14.000	6	15.000	106.4520	15.000	0.000
"09/01/2006"	"3004500014	"	0.2600	-3.00	12.400	6	15.000	106.4520	15.000	0.000
"09/01/2006"	"3004500015	"	0.2600	-3.00	14.200	6	15.000	106.4520	15.000	0.000
"09/01/2006"	"3004500016	"	0.2600	-3.00	15.000	6	15.000	106.4520	15.000	0.000
"09/01/2006"	"3004500017	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"09/01/2006"	"3004529598	"	0.2600	-3.00	11.000	6	15.000	106.4520	15.000	0.000
"09/01/2006"	"3004529649	"	0.2600	-3.00	11.000	6	15.000	106.4520	15.000	0.000
"09/01/2006"	"3004529737	"	0.2600	-3.00	8.000	6	15.000	106.4520	15.000	0.000
"09/01/2006"	"3004530062	"	0.2600	-3.00	6.500	6	15.000	106.4520	15.000	0.000
"09/01/2006"	"3004530114	"	0.2600	-3.00	12.000	6	15.000	106.4520	15.000	0.000
"09/01/2006"	"3004530348	"	0.2600	-3.00	13.500	6	15.000	106.4520	15.000	0.000
"09/01/2006"	"3004530058	"	0.2600	-3.00	7.500	6	15.000	106.4520	15.000	0.000
"09/01/2006"	"3004529825	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"10/01/2006"	"3004500001	"	0.2600	-3.00	11.900	6	15.000	109.6770	15.000	0.000
"10/01/2006"	"3004500002	"	0.2600	-3.00	12.800	6	15.000	109.6770	15.000	0.000
"10/01/2006"	"3004500003	"	0.2600	-3.00	10.500	6	15.000	109.6770	15.000	0.000
"10/01/2006"	"3004500004	"	0.2600	-3.00	10.600	6	15.000	109.6770	15.000	0.000
"10/01/2006"	"3004500005	"	0.2600	-3.00	11.900	6	15.000	109.6770	15.000	0.000
"10/01/2006"	"3004500006	"	0.2600	-3.00	12.700	6	15.000	109.6770	15.000	0.000
"10/01/2006"	"3004500007	"	0.2600	-3.00	12.100	6	15.000	109.6770	15.000	0.000
"10/01/2006"	"3004500008	"	0.2600	-3.00	13.000	6	15.000	109.6770	15.000	0.000
"10/01/2006"	"3004500009	"	0.2600	-3.00	14.700	6	15.000	109.6770	15.000	0.000
"10/01/2006"	"3004500010	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"10/01/2006"	"3004500013	"	0.2600	-3.00	14.000	6	15.000	109.6770	15.000	0.000
"10/01/2006"	"3004500014	"	0.2600	-3.00	12.400	6	15.000	109.6770	15.000	0.000
"10/01/2006"	"3004500015	"	0.2600	-3.00	14.200	6	15.000	109.6770	15.000	0.000
"10/01/2006"	"3004500016	"	0.2600	-3.00	15.000	6	15.000	109.6770	15.000	0.000
"10/01/2006"	"3004500017	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"10/01/2006"	"3004529598	"	0.2600	-3.00	11.000	6	15.000	109.6770	15.000	0.000
"10/01/2006"	"3004529649	"	0.2600	-3.00	11.000	6	15.000	109.6770	15.000	0.000
"10/01/2006"	"3004529737	"	0.2600	-3.00	8.000	6	15.000	109.6770	15.000	0.000

"10/01/2006"	"3004530062	"	0.2600	-3.00	6.500	6	15.000	109.6770	15.000	0.000
"10/01/2006"	"3004530114	"	0.2600	-3.00	12.000	6	15.000	109.6770	15.000	0.000
"10/01/2006"	"3004530348	"	0.2600	-3.00	13.500	6	15.000	109.6770	15.000	0.000
"10/01/2006"	"3004530058	"	0.2600	-3.00	7.500	6	15.000	109.6770	15.000	0.000
"10/01/2006"	"3004529825	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"11/01/2006"	"3004500001	"	0.2600	-3.00	11.900	6	15.000	112.9030	15.000	0.000
"11/01/2006"	"3004500002	"	0.2600	-3.00	12.800	6	15.000	112.9030	15.000	0.000
"11/01/2006"	"3004500003	"	0.2600	-3.00	10.500	6	15.000	112.9030	15.000	0.000
"11/01/2006"	"3004500004	"	0.2600	-3.00	10.600	6	15.000	112.9030	15.000	0.000
"11/01/2006"	"3004500005	"	0.2600	-3.00	11.900	6	15.000	112.9030	15.000	0.000
"11/01/2006"	"3004500006	"	0.2600	-3.00	12.700	6	15.000	112.9030	15.000	0.000
"11/01/2006"	"3004500007	"	0.2600	-3.00	12.100	6	15.000	112.9030	15.000	0.000
"11/01/2006"	"3004500008	"	0.2600	-3.00	13.000	6	15.000	112.9030	15.000	0.000
"11/01/2006"	"3004500009	"	0.2600	-3.00	14.700	6	15.000	112.9030	15.000	0.000
"11/01/2006"	"3004500010	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"11/01/2006"	"3004500013	"	0.2600	-3.00	14.000	6	15.000	112.9030	15.000	0.000
"11/01/2006"	"3004500014	"	0.2600	-3.00	12.400	6	15.000	112.9030	15.000	0.000
"11/01/2006"	"3004500015	"	0.2600	-3.00	14.200	6	15.000	112.9030	15.000	0.000
"11/01/2006"	"3004500016	"	0.2600	-3.00	15.000	6	15.000	112.9030	15.000	0.000
"11/01/2006"	"3004500017	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"11/01/2006"	"3004529598	"	0.2600	-3.00	11.000	6	15.000	112.9030	15.000	0.000
"11/01/2006"	"3004529649	"	0.2600	-3.00	11.000	6	15.000	112.9030	15.000	0.000
"11/01/2006"	"3004529737	"	0.2600	-3.00	8.000	6	15.000	112.9030	15.000	0.000
"11/01/2006"	"3004530062	"	0.2600	-3.00	6.500	6	15.000	112.9030	15.000	0.000
"11/01/2006"	"3004530114	"	0.2600	-3.00	12.000	6	15.000	112.9030	15.000	0.000
"11/01/2006"	"3004530348	"	0.2600	-3.00	13.500	6	15.000	112.9030	15.000	0.000
"11/01/2006"	"3004530058	"	0.2600	-3.00	7.500	6	15.000	112.9030	15.000	0.000
"11/01/2006"	"3004529825	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"12/01/2006"	"3004500001	"	0.2600	-3.00	11.900	6	15.000	116.1290	15.000	0.000
"12/01/2006"	"3004500002	"	0.2600	-3.00	12.800	6	15.000	116.1290	15.000	0.000
"12/01/2006"	"3004500003	"	0.2600	-3.00	10.500	6	15.000	116.1290	15.000	0.000
"12/01/2006"	"3004500004	"	0.2600	-3.00	10.600	6	15.000	116.1290	15.000	0.000
"12/01/2006"	"3004500005	"	0.2600	-3.00	11.900	6	15.000	116.1290	15.000	0.000
"12/01/2006"	"3004500006	"	0.2600	-3.00	12.700	6	15.000	116.1290	15.000	0.000
"12/01/2006"	"3004500007	"	0.2600	-3.00	12.100	6	15.000	116.1290	15.000	0.000
"12/01/2006"	"3004500008	"	0.2600	-3.00	13.000	6	15.000	116.1290	15.000	0.000
"12/01/2006"	"3004500009	"	0.2600	-3.00	14.700	6	15.000	116.1290	15.000	0.000
"12/01/2006"	"3004500010	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"12/01/2006"	"3004500013	"	0.2600	-3.00	14.000	6	15.000	116.1290	15.000	0.000

"12/01/2006"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	116.1290	15.000	0.000
"12/01/2006"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	116.1290	15.000	0.000
"12/01/2006"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	116.1290	15.000	0.000
"12/01/2006"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"12/01/2006"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	116.1290	15.000	0.000
"12/01/2006"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	116.1290	15.000	0.000
"12/01/2006"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	116.1290	15.000	0.000
"12/01/2006"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	116.1290	15.000	0.000
"12/01/2006"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	116.1290	15.000	0.000
"12/01/2006"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	116.1290	15.000	0.000
"12/01/2006"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	116.1290	15.000	0.000
"12/01/2006"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"01/01/2007"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	119.3550	15.000	0.000
"01/01/2007"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	119.3550	15.000	0.000
"01/01/2007"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	119.3550	15.000	0.000
"01/01/2007"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	119.3550	15.000	0.000
"01/01/2007"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	119.3550	15.000	0.000
"01/01/2007"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	119.3550	15.000	0.000
"01/01/2007"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	119.3550	15.000	0.000
"01/01/2007"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	119.3550	15.000	0.000
"01/01/2007"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	119.3550	15.000	0.000
"01/01/2007"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"01/01/2007"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	119.3550	15.000	0.000
"01/01/2007"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	119.3550	15.000	0.000
"01/01/2007"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	119.3550	15.000	0.000
"01/01/2007"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	119.3550	15.000	0.000
"01/01/2007"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"01/01/2007"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	119.3550	15.000	0.000
"01/01/2007"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	119.3550	15.000	0.000
"01/01/2007"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	119.3550	15.000	0.000
"01/01/2007"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	119.3550	15.000	0.000
"01/01/2007"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	119.3550	15.000	0.000
"01/01/2007"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	119.3550	15.000	0.000
"01/01/2007"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	119.3550	15.000	0.000
"01/01/2007"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"02/01/2007"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	122.5810	15.000	0.000
"02/01/2007"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	122.5810	15.000	0.000
"02/01/2007"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	122.5810	15.000	0.000
"02/01/2007"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	122.5810	15.000	0.000

"02/01/2007"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	122.5810	15.000	0.000
"02/01/2007"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	122.5810	15.000	0.000
"02/01/2007"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	122.5810	15.000	0.000
"02/01/2007"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	122.5810	15.000	0.000
"02/01/2007"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	122.5810	15.000	0.000
"02/01/2007"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"02/01/2007"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	122.5810	15.000	0.000
"02/01/2007"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	122.5810	15.000	0.000
"02/01/2007"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	122.5810	15.000	0.000
"02/01/2007"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	122.5810	15.000	0.000
"02/01/2007"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"02/01/2007"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	122.5810	15.000	0.000
"02/01/2007"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	122.5810	15.000	0.000
"02/01/2007"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	122.5810	15.000	0.000
"02/01/2007"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	122.5810	15.000	0.000
"02/01/2007"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	122.5810	15.000	0.000
"02/01/2007"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	122.5810	15.000	0.000
"02/01/2007"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	122.5810	15.000	0.000
"02/01/2007"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"03/01/2007"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	125.8060	15.000	0.000
"03/01/2007"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	125.8060	15.000	0.000
"03/01/2007"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	125.8060	15.000	0.000
"03/01/2007"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	125.8060	15.000	0.000
"03/01/2007"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	125.8060	15.000	0.000
"03/01/2007"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	125.8060	15.000	0.000
"03/01/2007"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	125.8060	15.000	0.000
"03/01/2007"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	125.8060	15.000	0.000
"03/01/2007"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	125.8060	15.000	0.000
"03/01/2007"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"03/01/2007"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	125.8060	15.000	0.000
"03/01/2007"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	125.8060	15.000	0.000
"03/01/2007"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	125.8060	15.000	0.000
"03/01/2007"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	125.8060	15.000	0.000
"03/01/2007"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"03/01/2007"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	125.8060	15.000	0.000
"03/01/2007"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	125.8060	15.000	0.000
"03/01/2007"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	125.8060	15.000	0.000
"03/01/2007"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	125.8060	15.000	0.000
"03/01/2007"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	125.8060	15.000	0.000

"03/01/2007"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	125.8060	15.000	0.000
"03/01/2007"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	125.8060	15.000	0.000
"03/01/2007"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"04/01/2007"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	129.0320	15.000	0.000
"04/01/2007"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	129.0320	15.000	0.000
"04/01/2007"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	129.0320	15.000	0.000
"04/01/2007"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	129.0320	15.000	0.000
"04/01/2007"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	129.0320	15.000	0.000
"04/01/2007"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	129.0320	15.000	0.000
"04/01/2007"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	129.0320	15.000	0.000
"04/01/2007"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	129.0320	15.000	0.000
"04/01/2007"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	129.0320	15.000	0.000
"04/01/2007"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"04/01/2007"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	129.0320	15.000	0.000
"04/01/2007"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	129.0320	15.000	0.000
"04/01/2007"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	129.0320	15.000	0.000
"04/01/2007"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	129.0320	15.000	0.000
"04/01/2007"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"04/01/2007"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	129.0320	15.000	0.000
"04/01/2007"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	129.0320	15.000	0.000
"04/01/2007"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	129.0320	15.000	0.000
"04/01/2007"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	129.0320	15.000	0.000
"04/01/2007"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	129.0320	15.000	0.000
"04/01/2007"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	129.0320	15.000	0.000
"04/01/2007"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	129.0320	15.000	0.000
"04/01/2007"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"05/01/2007"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	132.2580	15.000	0.000
"05/01/2007"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	132.2580	15.000	0.000
"05/01/2007"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	132.2580	15.000	0.000
"05/01/2007"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	132.2580	15.000	0.000
"05/01/2007"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	132.2580	15.000	0.000
"05/01/2007"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	132.2580	15.000	0.000
"05/01/2007"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	132.2580	15.000	0.000
"05/01/2007"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	132.2580	15.000	0.000
"05/01/2007"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	132.2580	15.000	0.000
"05/01/2007"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"05/01/2007"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	132.2580	15.000	0.000
"05/01/2007"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	132.2580	15.000	0.000
"05/01/2007"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	132.2580	15.000	0.000

"05/01/2007"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	132.2580	15.000	0.000
"05/01/2007"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"05/01/2007"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	132.2580	15.000	0.000
"05/01/2007"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	132.2580	15.000	0.000
"05/01/2007"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	132.2580	15.000	0.000
"05/01/2007"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	132.2580	15.000	0.000
"05/01/2007"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	132.2580	15.000	0.000
"05/01/2007"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	132.2580	15.000	0.000
"05/01/2007"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	132.2580	15.000	0.000
"05/01/2007"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"06/01/2007"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	135.4840	15.000	0.000
"06/01/2007"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	135.4840	15.000	0.000
"06/01/2007"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	135.4840	15.000	0.000
"06/01/2007"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	135.4840	15.000	0.000
"06/01/2007"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	135.4840	15.000	0.000
"06/01/2007"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	135.4840	15.000	0.000
"06/01/2007"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	135.4840	15.000	0.000
"06/01/2007"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	135.4840	15.000	0.000
"06/01/2007"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	135.4840	15.000	0.000
"06/01/2007"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"06/01/2007"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	135.4840	15.000	0.000
"06/01/2007"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	135.4840	15.000	0.000
"06/01/2007"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	135.4840	15.000	0.000
"06/01/2007"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	135.4840	15.000	0.000
"06/01/2007"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"06/01/2007"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	135.4840	15.000	0.000
"06/01/2007"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	135.4840	15.000	0.000
"06/01/2007"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	135.4840	15.000	0.000
"06/01/2007"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	135.4840	15.000	0.000
"06/01/2007"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	135.4840	15.000	0.000
"06/01/2007"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	135.4840	15.000	0.000
"06/01/2007"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	135.4840	15.000	0.000
"06/01/2007"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"07/01/2007"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	138.7100	15.000	0.000
"07/01/2007"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	138.7100	15.000	0.000
"07/01/2007"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	138.7100	15.000	0.000
"07/01/2007"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	138.7100	15.000	0.000
"07/01/2007"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	138.7100	15.000	0.000
"07/01/2007"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	138.7100	15.000	0.000

"07/01/2007"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	138.7100	15.000	0.000
"07/01/2007"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	138.7100	15.000	0.000
"07/01/2007"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	138.7100	15.000	0.000
"07/01/2007"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"07/01/2007"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	138.7100	15.000	0.000
"07/01/2007"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	138.7100	15.000	0.000
"07/01/2007"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	138.7100	15.000	0.000
"07/01/2007"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	138.7100	15.000	0.000
"07/01/2007"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"07/01/2007"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	138.7100	15.000	0.000
"07/01/2007"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	138.7100	15.000	0.000
"07/01/2007"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	138.7100	15.000	0.000
"07/01/2007"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	138.7100	15.000	0.000
"07/01/2007"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	138.7100	15.000	0.000
"07/01/2007"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	138.7100	15.000	0.000
"07/01/2007"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	138.7100	15.000	0.000
"07/01/2007"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"08/01/2007"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	141.9350	15.000	0.000
"08/01/2007"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	141.9350	15.000	0.000
"08/01/2007"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	141.9350	15.000	0.000
"08/01/2007"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	141.9350	15.000	0.000
"08/01/2007"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	141.9350	15.000	0.000
"08/01/2007"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	141.9350	15.000	0.000
"08/01/2007"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	141.9350	15.000	0.000
"08/01/2007"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	141.9350	15.000	0.000
"08/01/2007"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	141.9350	15.000	0.000
"08/01/2007"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"08/01/2007"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	141.9350	15.000	0.000
"08/01/2007"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	141.9350	15.000	0.000
"08/01/2007"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	141.9350	15.000	0.000
"08/01/2007"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	141.9350	15.000	0.000
"08/01/2007"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"08/01/2007"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	141.9350	15.000	0.000
"08/01/2007"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	141.9350	15.000	0.000
"08/01/2007"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	141.9350	15.000	0.000
"08/01/2007"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	141.9350	15.000	0.000
"08/01/2007"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	141.9350	15.000	0.000
"08/01/2007"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	141.9350	15.000	0.000
"08/01/2007"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	141.9350	15.000	0.000

"08/01/2007"	"3004529825	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"09/01/2007"	"3004500001	"	0.2600	-3.00	11.900	6	15.000	145.1610	15.000	0.000
"09/01/2007"	"3004500002	"	0.2600	-3.00	12.800	6	15.000	145.1610	15.000	0.000
"09/01/2007"	"3004500003	"	0.2600	-3.00	10.500	6	15.000	145.1610	15.000	0.000
"09/01/2007"	"3004500004	"	0.2600	-3.00	10.600	6	15.000	145.1610	15.000	0.000
"09/01/2007"	"3004500005	"	0.2600	-3.00	11.900	6	15.000	145.1610	15.000	0.000
"09/01/2007"	"3004500006	"	0.2600	-3.00	12.700	6	15.000	145.1610	15.000	0.000
"09/01/2007"	"3004500007	"	0.2600	-3.00	12.100	6	15.000	145.1610	15.000	0.000
"09/01/2007"	"3004500008	"	0.2600	-3.00	13.000	6	15.000	145.1610	15.000	0.000
"09/01/2007"	"3004500009	"	0.2600	-3.00	14.700	6	15.000	145.1610	15.000	0.000
"09/01/2007"	"3004500010	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"09/01/2007"	"3004500013	"	0.2600	-3.00	14.000	6	15.000	145.1610	15.000	0.000
"09/01/2007"	"3004500014	"	0.2600	-3.00	12.400	6	15.000	145.1610	15.000	0.000
"09/01/2007"	"3004500015	"	0.2600	-3.00	14.200	6	15.000	145.1610	15.000	0.000
"09/01/2007"	"3004500016	"	0.2600	-3.00	15.000	6	15.000	145.1610	15.000	0.000
"09/01/2007"	"3004500017	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"09/01/2007"	"3004529598	"	0.2600	-3.00	11.000	6	15.000	145.1610	15.000	0.000
"09/01/2007"	"3004529649	"	0.2600	-3.00	11.000	6	15.000	145.1610	15.000	0.000
"09/01/2007"	"3004529737	"	0.2600	-3.00	8.000	6	15.000	145.1610	15.000	0.000
"09/01/2007"	"3004530062	"	0.2600	-3.00	6.500	6	15.000	145.1610	15.000	0.000
"09/01/2007"	"3004530114	"	0.2600	-3.00	12.000	6	15.000	145.1610	15.000	0.000
"09/01/2007"	"3004530348	"	0.2600	-3.00	13.500	6	15.000	145.1610	15.000	0.000
"09/01/2007"	"3004530058	"	0.2600	-3.00	7.500	6	15.000	145.1610	15.000	0.000
"09/01/2007"	"3004529825	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"10/01/2007"	"3004500001	"	0.2600	-3.00	11.900	6	15.000	148.3870	15.000	0.000
"10/01/2007"	"3004500002	"	0.2600	-3.00	12.800	6	15.000	148.3870	15.000	0.000
"10/01/2007"	"3004500003	"	0.2600	-3.00	10.500	6	15.000	148.3870	15.000	0.000
"10/01/2007"	"3004500004	"	0.2600	-3.00	10.600	6	15.000	148.3870	15.000	0.000
"10/01/2007"	"3004500005	"	0.2600	-3.00	11.900	6	15.000	148.3870	15.000	0.000
"10/01/2007"	"3004500006	"	0.2600	-3.00	12.700	6	15.000	148.3870	15.000	0.000
"10/01/2007"	"3004500007	"	0.2600	-3.00	12.100	6	15.000	148.3870	15.000	0.000
"10/01/2007"	"3004500008	"	0.2600	-3.00	13.000	6	15.000	148.3870	15.000	0.000
"10/01/2007"	"3004500009	"	0.2600	-3.00	14.700	6	15.000	148.3870	15.000	0.000
"10/01/2007"	"3004500010	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"10/01/2007"	"3004500013	"	0.2600	-3.00	14.000	6	15.000	148.3870	15.000	0.000
"10/01/2007"	"3004500014	"	0.2600	-3.00	12.400	6	15.000	148.3870	15.000	0.000
"10/01/2007"	"3004500015	"	0.2600	-3.00	14.200	6	15.000	148.3870	15.000	0.000
"10/01/2007"	"3004500016	"	0.2600	-3.00	15.000	6	15.000	148.3870	15.000	0.000
"10/01/2007"	"3004500017	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000

"10/01/2007"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	148.3870	15.000	0.000
"10/01/2007"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	148.3870	15.000	0.000
"10/01/2007"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	148.3870	15.000	0.000
"10/01/2007"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	148.3870	15.000	0.000
"10/01/2007"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	148.3870	15.000	0.000
"10/01/2007"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	148.3870	15.000	0.000
"10/01/2007"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	148.3870	15.000	0.000
"10/01/2007"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"11/01/2007"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	151.6130	15.000	0.000
"11/01/2007"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	151.6130	15.000	0.000
"11/01/2007"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	151.6130	15.000	0.000
"11/01/2007"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	151.6130	15.000	0.000
"11/01/2007"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	151.6130	15.000	0.000
"11/01/2007"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	151.6130	15.000	0.000
"11/01/2007"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	151.6130	15.000	0.000
"11/01/2007"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	151.6130	15.000	0.000
"11/01/2007"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	151.6130	15.000	0.000
"11/01/2007"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"11/01/2007"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	151.6130	15.000	0.000
"11/01/2007"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	151.6130	15.000	0.000
"11/01/2007"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	151.6130	15.000	0.000
"11/01/2007"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	151.6130	15.000	0.000
"11/01/2007"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"11/01/2007"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	151.6130	15.000	0.000
"11/01/2007"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	151.6130	15.000	0.000
"11/01/2007"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	151.6130	15.000	0.000
"11/01/2007"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	151.6130	15.000	0.000
"11/01/2007"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	151.6130	15.000	0.000
"11/01/2007"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	151.6130	15.000	0.000
"11/01/2007"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	151.6130	15.000	0.000
"11/01/2007"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"12/01/2007"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	154.8390	15.000	0.000
"12/01/2007"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	154.8390	15.000	0.000
"12/01/2007"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	154.8390	15.000	0.000
"12/01/2007"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	154.8390	15.000	0.000
"12/01/2007"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	154.8390	15.000	0.000
"12/01/2007"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	154.8390	15.000	0.000
"12/01/2007"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	154.8390	15.000	0.000
"12/01/2007"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	154.8390	15.000	0.000

"12/01/2007"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	154.8390	15.000	0.000
"12/01/2007"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"12/01/2007"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	154.8390	15.000	0.000
"12/01/2007"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	154.8390	15.000	0.000
"12/01/2007"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	154.8390	15.000	0.000
"12/01/2007"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	154.8390	15.000	0.000
"12/01/2007"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"12/01/2007"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	154.8390	15.000	0.000
"12/01/2007"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	154.8390	15.000	0.000
"12/01/2007"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	154.8390	15.000	0.000
"12/01/2007"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	154.8390	15.000	0.000
"12/01/2007"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	154.8390	15.000	0.000
"12/01/2007"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	154.8390	15.000	0.000
"12/01/2007"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	154.8390	15.000	0.000
"12/01/2007"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"01/01/2008"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	158.0650	15.000	0.000
"01/01/2008"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	158.0650	15.000	0.000
"01/01/2008"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	158.0650	15.000	0.000
"01/01/2008"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	158.0650	15.000	0.000
"01/01/2008"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	158.0650	15.000	0.000
"01/01/2008"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	158.0650	15.000	0.000
"01/01/2008"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	158.0650	15.000	0.000
"01/01/2008"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	158.0650	15.000	0.000
"01/01/2008"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	158.0650	15.000	0.000
"01/01/2008"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"01/01/2008"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	158.0650	15.000	0.000
"01/01/2008"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	158.0650	15.000	0.000
"01/01/2008"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	158.0650	15.000	0.000
"01/01/2008"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	158.0650	15.000	0.000
"01/01/2008"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"01/01/2008"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	158.0650	15.000	0.000
"01/01/2008"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	158.0650	15.000	0.000
"01/01/2008"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	158.0650	15.000	0.000
"01/01/2008"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	158.0650	15.000	0.000
"01/01/2008"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	158.0650	15.000	0.000
"01/01/2008"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	158.0650	15.000	0.000
"01/01/2008"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	158.0650	15.000	0.000
"01/01/2008"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"02/01/2008"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	161.2900	15.000	0.000

"02/01/2008"	"3004500002	"	0.2600	-3.00	12.800	6	15.000	161.2900	15.000	0.000
"02/01/2008"	"3004500003	"	0.2600	-3.00	10.500	6	15.000	161.2900	15.000	0.000
"02/01/2008"	"3004500004	"	0.2600	-3.00	10.600	6	15.000	161.2900	15.000	0.000
"02/01/2008"	"3004500005	"	0.2600	-3.00	11.900	6	15.000	161.2900	15.000	0.000
"02/01/2008"	"3004500006	"	0.2600	-3.00	12.700	6	15.000	161.2900	15.000	0.000
"02/01/2008"	"3004500007	"	0.2600	-3.00	12.100	6	15.000	161.2900	15.000	0.000
"02/01/2008"	"3004500008	"	0.2600	-3.00	13.000	6	15.000	161.2900	15.000	0.000
"02/01/2008"	"3004500009	"	0.2600	-3.00	14.700	6	15.000	161.2900	15.000	0.000
"02/01/2008"	"3004500010	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"02/01/2008"	"3004500013	"	0.2600	-3.00	14.000	6	15.000	161.2900	15.000	0.000
"02/01/2008"	"3004500014	"	0.2600	-3.00	12.400	6	15.000	161.2900	15.000	0.000
"02/01/2008"	"3004500015	"	0.2600	-3.00	14.200	6	15.000	161.2900	15.000	0.000
"02/01/2008"	"3004500016	"	0.2600	-3.00	15.000	6	15.000	161.2900	15.000	0.000
"02/01/2008"	"3004500017	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"02/01/2008"	"3004529598	"	0.2600	-3.00	11.000	6	15.000	161.2900	15.000	0.000
"02/01/2008"	"3004529649	"	0.2600	-3.00	11.000	6	15.000	161.2900	15.000	0.000
"02/01/2008"	"3004529737	"	0.2600	-3.00	8.000	6	15.000	161.2900	15.000	0.000
"02/01/2008"	"3004530062	"	0.2600	-3.00	6.500	6	15.000	161.2900	15.000	0.000
"02/01/2008"	"3004530114	"	0.2600	-3.00	12.000	6	15.000	161.2900	15.000	0.000
"02/01/2008"	"3004530348	"	0.2600	-3.00	13.500	6	15.000	161.2900	15.000	0.000
"02/01/2008"	"3004530058	"	0.2600	-3.00	7.500	6	15.000	161.2900	15.000	0.000
"02/01/2008"	"3004529825	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"03/01/2008"	"3004500001	"	0.2600	-3.00	11.900	6	15.000	164.5160	15.000	0.000
"03/01/2008"	"3004500002	"	0.2600	-3.00	12.800	6	15.000	164.5160	15.000	0.000
"03/01/2008"	"3004500003	"	0.2600	-3.00	10.500	6	15.000	164.5160	15.000	0.000
"03/01/2008"	"3004500004	"	0.2600	-3.00	10.600	6	15.000	164.5160	15.000	0.000
"03/01/2008"	"3004500005	"	0.2600	-3.00	11.900	6	15.000	164.5160	15.000	0.000
"03/01/2008"	"3004500006	"	0.2600	-3.00	12.700	6	15.000	164.5160	15.000	0.000
"03/01/2008"	"3004500007	"	0.2600	-3.00	12.100	6	15.000	164.5160	15.000	0.000
"03/01/2008"	"3004500008	"	0.2600	-3.00	13.000	6	15.000	164.5160	15.000	0.000
"03/01/2008"	"3004500009	"	0.2600	-3.00	14.700	6	15.000	164.5160	15.000	0.000
"03/01/2008"	"3004500010	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"03/01/2008"	"3004500013	"	0.2600	-3.00	14.000	6	15.000	164.5160	15.000	0.000
"03/01/2008"	"3004500014	"	0.2600	-3.00	12.400	6	15.000	164.5160	15.000	0.000
"03/01/2008"	"3004500015	"	0.2600	-3.00	14.200	6	15.000	164.5160	15.000	0.000
"03/01/2008"	"3004500016	"	0.2600	-3.00	15.000	6	15.000	164.5160	15.000	0.000
"03/01/2008"	"3004500017	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"03/01/2008"	"3004529598	"	0.2600	-3.00	11.000	6	15.000	164.5160	15.000	0.000
"03/01/2008"	"3004529649	"	0.2600	-3.00	11.000	6	15.000	164.5160	15.000	0.000

"03/01/2008"	"3004529737	"	0.2600	-3.00	8.000	6	15.000	164.5160	15.000	0.000
"03/01/2008"	"3004530062	"	0.2600	-3.00	6.500	6	15.000	164.5160	15.000	0.000
"03/01/2008"	"3004530114	"	0.2600	-3.00	12.000	6	15.000	164.5160	15.000	0.000
"03/01/2008"	"3004530348	"	0.2600	-3.00	13.500	6	15.000	164.5160	15.000	0.000
"03/01/2008"	"3004530058	"	0.2600	-3.00	7.500	6	15.000	164.5160	15.000	0.000
"03/01/2008"	"3004529825	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"04/01/2008"	"3004500001	"	0.2600	-3.00	11.900	6	15.000	167.7420	15.000	0.000
"04/01/2008"	"3004500002	"	0.2600	-3.00	12.800	6	15.000	167.7420	15.000	0.000
"04/01/2008"	"3004500003	"	0.2600	-3.00	10.500	6	15.000	167.7420	15.000	0.000
"04/01/2008"	"3004500004	"	0.2600	-3.00	10.600	6	15.000	167.7420	15.000	0.000
"04/01/2008"	"3004500005	"	0.2600	-3.00	11.900	6	15.000	167.7420	15.000	0.000
"04/01/2008"	"3004500006	"	0.2600	-3.00	12.700	6	15.000	167.7420	15.000	0.000
"04/01/2008"	"3004500007	"	0.2600	-3.00	12.100	6	15.000	167.7420	15.000	0.000
"04/01/2008"	"3004500008	"	0.2600	-3.00	13.000	6	15.000	167.7420	15.000	0.000
"04/01/2008"	"3004500009	"	0.2600	-3.00	14.700	6	15.000	167.7420	15.000	0.000
"04/01/2008"	"3004500010	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"04/01/2008"	"3004500013	"	0.2600	-3.00	14.000	6	15.000	167.7420	15.000	0.000
"04/01/2008"	"3004500014	"	0.2600	-3.00	12.400	6	15.000	167.7420	15.000	0.000
"04/01/2008"	"3004500015	"	0.2600	-3.00	14.200	6	15.000	167.7420	15.000	0.000
"04/01/2008"	"3004500016	"	0.2600	-3.00	15.000	6	15.000	167.7420	15.000	0.000
"04/01/2008"	"3004500017	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"04/01/2008"	"3004529598	"	0.2600	-3.00	11.000	6	15.000	167.7420	15.000	0.000
"04/01/2008"	"3004529649	"	0.2600	-3.00	11.000	6	15.000	167.7420	15.000	0.000
"04/01/2008"	"3004529737	"	0.2600	-3.00	8.000	6	15.000	167.7420	15.000	0.000
"04/01/2008"	"3004530062	"	0.2600	-3.00	6.500	6	15.000	167.7420	15.000	0.000
"04/01/2008"	"3004530114	"	0.2600	-3.00	12.000	6	15.000	167.7420	15.000	0.000
"04/01/2008"	"3004530348	"	0.2600	-3.00	13.500	6	15.000	167.7420	15.000	0.000
"04/01/2008"	"3004530058	"	0.2600	-3.00	7.500	6	15.000	167.7420	15.000	0.000
"04/01/2008"	"3004529825	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"05/01/2008"	"3004500001	"	0.2600	-3.00	11.900	6	15.000	170.9680	15.000	0.000
"05/01/2008"	"3004500002	"	0.2600	-3.00	12.800	6	15.000	170.9680	15.000	0.000
"05/01/2008"	"3004500003	"	0.2600	-3.00	10.500	6	15.000	170.9680	15.000	0.000
"05/01/2008"	"3004500004	"	0.2600	-3.00	10.600	6	15.000	170.9680	15.000	0.000
"05/01/2008"	"3004500005	"	0.2600	-3.00	11.900	6	15.000	170.9680	15.000	0.000
"05/01/2008"	"3004500006	"	0.2600	-3.00	12.700	6	15.000	170.9680	15.000	0.000
"05/01/2008"	"3004500007	"	0.2600	-3.00	12.100	6	15.000	170.9680	15.000	0.000
"05/01/2008"	"3004500008	"	0.2600	-3.00	13.000	6	15.000	170.9680	15.000	0.000
"05/01/2008"	"3004500009	"	0.2600	-3.00	14.700	6	15.000	170.9680	15.000	0.000
"05/01/2008"	"3004500010	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000

"05/01/2008"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	170.9680	15.000	0.000
"05/01/2008"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	170.9680	15.000	0.000
"05/01/2008"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	170.9680	15.000	0.000
"05/01/2008"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	170.9680	15.000	0.000
"05/01/2008"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"05/01/2008"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	170.9680	15.000	0.000
"05/01/2008"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	170.9680	15.000	0.000
"05/01/2008"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	170.9680	15.000	0.000
"05/01/2008"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	170.9680	15.000	0.000
"05/01/2008"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	170.9680	15.000	0.000
"05/01/2008"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	170.9680	15.000	0.000
"05/01/2008"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	170.9680	15.000	0.000
"05/01/2008"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"06/01/2008"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	174.1940	15.000	0.000
"06/01/2008"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	174.1940	15.000	0.000
"06/01/2008"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	174.1940	15.000	0.000
"06/01/2008"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	174.1940	15.000	0.000
"06/01/2008"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	174.1940	15.000	0.000
"06/01/2008"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	174.1940	15.000	0.000
"06/01/2008"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	174.1940	15.000	0.000
"06/01/2008"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	174.1940	15.000	0.000
"06/01/2008"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	174.1940	15.000	0.000
"06/01/2008"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"06/01/2008"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	174.1940	15.000	0.000
"06/01/2008"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	174.1940	15.000	0.000
"06/01/2008"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	174.1940	15.000	0.000
"06/01/2008"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	174.1940	15.000	0.000
"06/01/2008"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"06/01/2008"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	174.1940	15.000	0.000
"06/01/2008"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	174.1940	15.000	0.000
"06/01/2008"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	174.1940	15.000	0.000
"06/01/2008"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	174.1940	15.000	0.000
"06/01/2008"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	174.1940	15.000	0.000
"06/01/2008"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	174.1940	15.000	0.000
"06/01/2008"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	174.1940	15.000	0.000
"06/01/2008"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"07/01/2008"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	177.4190	15.000	0.000
"07/01/2008"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	177.4190	15.000	0.000
"07/01/2008"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	177.4190	15.000	0.000

"07/01/2008"	"3004500004	"	0.2600	-3.00	10.600	6	15.000	177.4190	15.000	0.000
"07/01/2008"	"3004500005	"	0.2600	-3.00	11.900	6	15.000	177.4190	15.000	0.000
"07/01/2008"	"3004500006	"	0.2600	-3.00	12.700	6	15.000	177.4190	15.000	0.000
"07/01/2008"	"3004500007	"	0.2600	-3.00	12.100	6	15.000	177.4190	15.000	0.000
"07/01/2008"	"3004500008	"	0.2600	-3.00	13.000	6	15.000	177.4190	15.000	0.000
"07/01/2008"	"3004500009	"	0.2600	-3.00	14.700	6	15.000	177.4190	15.000	0.000
"07/01/2008"	"3004500010	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"07/01/2008"	"3004500013	"	0.2600	-3.00	14.000	6	15.000	177.4190	15.000	0.000
"07/01/2008"	"3004500014	"	0.2600	-3.00	12.400	6	15.000	177.4190	15.000	0.000
"07/01/2008"	"3004500015	"	0.2600	-3.00	14.200	6	15.000	177.4190	15.000	0.000
"07/01/2008"	"3004500016	"	0.2600	-3.00	15.000	6	15.000	177.4190	15.000	0.000
"07/01/2008"	"3004500017	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"07/01/2008"	"3004529598	"	0.2600	-3.00	11.000	6	15.000	177.4190	15.000	0.000
"07/01/2008"	"3004529649	"	0.2600	-3.00	11.000	6	15.000	177.4190	15.000	0.000
"07/01/2008"	"3004529737	"	0.2600	-3.00	8.000	6	15.000	177.4190	15.000	0.000
"07/01/2008"	"3004530062	"	0.2600	-3.00	6.500	6	15.000	177.4190	15.000	0.000
"07/01/2008"	"3004530114	"	0.2600	-3.00	12.000	6	15.000	177.4190	15.000	0.000
"07/01/2008"	"3004530348	"	0.2600	-3.00	13.500	6	15.000	177.4190	15.000	0.000
"07/01/2008"	"3004530058	"	0.2600	-3.00	7.500	6	15.000	177.4190	15.000	0.000
"07/01/2008"	"3004529825	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"08/01/2008"	"3004500001	"	0.2600	-3.00	11.900	6	15.000	180.6450	15.000	0.000
"08/01/2008"	"3004500002	"	0.2600	-3.00	12.800	6	15.000	180.6450	15.000	0.000
"08/01/2008"	"3004500003	"	0.2600	-3.00	10.500	6	15.000	180.6450	15.000	0.000
"08/01/2008"	"3004500004	"	0.2600	-3.00	10.600	6	15.000	180.6450	15.000	0.000
"08/01/2008"	"3004500005	"	0.2600	-3.00	11.900	6	15.000	180.6450	15.000	0.000
"08/01/2008"	"3004500006	"	0.2600	-3.00	12.700	6	15.000	180.6450	15.000	0.000
"08/01/2008"	"3004500007	"	0.2600	-3.00	12.100	6	15.000	180.6450	15.000	0.000
"08/01/2008"	"3004500008	"	0.2600	-3.00	13.000	6	15.000	180.6450	15.000	0.000
"08/01/2008"	"3004500009	"	0.2600	-3.00	14.700	6	15.000	180.6450	15.000	0.000
"08/01/2008"	"3004500010	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"08/01/2008"	"3004500013	"	0.2600	-3.00	14.000	6	15.000	180.6450	15.000	0.000
"08/01/2008"	"3004500014	"	0.2600	-3.00	12.400	6	15.000	180.6450	15.000	0.000
"08/01/2008"	"3004500015	"	0.2600	-3.00	14.200	6	15.000	180.6450	15.000	0.000
"08/01/2008"	"3004500016	"	0.2600	-3.00	15.000	6	15.000	180.6450	15.000	0.000
"08/01/2008"	"3004500017	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"08/01/2008"	"3004529598	"	0.2600	-3.00	11.000	6	15.000	180.6450	15.000	0.000
"08/01/2008"	"3004529649	"	0.2600	-3.00	11.000	6	15.000	180.6450	15.000	0.000
"08/01/2008"	"3004529737	"	0.2600	-3.00	8.000	6	15.000	180.6450	15.000	0.000
"08/01/2008"	"3004530062	"	0.2600	-3.00	6.500	6	15.000	180.6450	15.000	0.000

"08/01/2008"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	180.6450	15.000	0.000
"08/01/2008"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	180.6450	15.000	0.000
"08/01/2008"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	180.6450	15.000	0.000
"08/01/2008"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"09/01/2008"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	183.8710	15.000	0.000
"09/01/2008"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	183.8710	15.000	0.000
"09/01/2008"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	183.8710	15.000	0.000
"09/01/2008"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	183.8710	15.000	0.000
"09/01/2008"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	183.8710	15.000	0.000
"09/01/2008"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	183.8710	15.000	0.000
"09/01/2008"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	183.8710	15.000	0.000
"09/01/2008"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	183.8710	15.000	0.000
"09/01/2008"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	183.8710	15.000	0.000
"09/01/2008"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"09/01/2008"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	183.8710	15.000	0.000
"09/01/2008"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	183.8710	15.000	0.000
"09/01/2008"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	183.8710	15.000	0.000
"09/01/2008"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	183.8710	15.000	0.000
"09/01/2008"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"09/01/2008"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	183.8710	15.000	0.000
"09/01/2008"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	183.8710	15.000	0.000
"09/01/2008"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	183.8710	15.000	0.000
"09/01/2008"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	183.8710	15.000	0.000
"09/01/2008"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	183.8710	15.000	0.000
"09/01/2008"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	183.8710	15.000	0.000
"09/01/2008"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	183.8710	15.000	0.000
"09/01/2008"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"10/01/2008"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	187.0970	15.000	0.000
"10/01/2008"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	187.0970	15.000	0.000
"10/01/2008"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	187.0970	15.000	0.000
"10/01/2008"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	187.0970	15.000	0.000
"10/01/2008"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	187.0970	15.000	0.000
"10/01/2008"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	187.0970	15.000	0.000
"10/01/2008"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	187.0970	15.000	0.000
"10/01/2008"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	187.0970	15.000	0.000
"10/01/2008"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	187.0970	15.000	0.000
"10/01/2008"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"10/01/2008"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	187.0970	15.000	0.000
"10/01/2008"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	187.0970	15.000	0.000

"10/01/2008"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	187.0970	15.000	0.000
"10/01/2008"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	187.0970	15.000	0.000
"10/01/2008"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"10/01/2008"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	187.0970	15.000	0.000
"10/01/2008"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	187.0970	15.000	0.000
"10/01/2008"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	187.0970	15.000	0.000
"10/01/2008"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	187.0970	15.000	0.000
"10/01/2008"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	187.0970	15.000	0.000
"10/01/2008"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	187.0970	15.000	0.000
"10/01/2008"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	187.0970	15.000	0.000
"10/01/2008"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"11/01/2008"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	190.3230	15.000	0.000
"11/01/2008"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	190.3230	15.000	0.000
"11/01/2008"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	190.3230	15.000	0.000
"11/01/2008"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	190.3230	15.000	0.000
"11/01/2008"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	190.3230	15.000	0.000
"11/01/2008"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	190.3230	15.000	0.000
"11/01/2008"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	190.3230	15.000	0.000
"11/01/2008"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	190.3230	15.000	0.000
"11/01/2008"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	190.3230	15.000	0.000
"11/01/2008"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"11/01/2008"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	190.3230	15.000	0.000
"11/01/2008"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	190.3230	15.000	0.000
"11/01/2008"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	190.3230	15.000	0.000
"11/01/2008"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	190.3230	15.000	0.000
"11/01/2008"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"11/01/2008"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	190.3230	15.000	0.000
"11/01/2008"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	190.3230	15.000	0.000
"11/01/2008"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	190.3230	15.000	0.000
"11/01/2008"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	190.3230	15.000	0.000
"11/01/2008"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	190.3230	15.000	0.000
"11/01/2008"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	190.3230	15.000	0.000
"11/01/2008"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	190.3230	15.000	0.000
"11/01/2008"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"12/01/2008"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	193.5480	15.000	0.000
"12/01/2008"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	193.5480	15.000	0.000
"12/01/2008"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	193.5480	15.000	0.000
"12/01/2008"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	193.5480	15.000	0.000
"12/01/2008"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	193.5480	15.000	0.000

"12/01/2008"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	193.5480	15.000	0.000
"12/01/2008"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	193.5480	15.000	0.000
"12/01/2008"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	193.5480	15.000	0.000
"12/01/2008"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	193.5480	15.000	0.000
"12/01/2008"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"12/01/2008"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	193.5480	15.000	0.000
"12/01/2008"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	193.5480	15.000	0.000
"12/01/2008"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	193.5480	15.000	0.000
"12/01/2008"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	193.5480	15.000	0.000
"12/01/2008"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"12/01/2008"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	193.5480	15.000	0.000
"12/01/2008"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	193.5480	15.000	0.000
"12/01/2008"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	193.5480	15.000	0.000
"12/01/2008"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	193.5480	15.000	0.000
"12/01/2008"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	193.5480	15.000	0.000
"12/01/2008"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	193.5480	15.000	0.000
"12/01/2008"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	193.5480	15.000	0.000
"12/01/2008"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"01/01/2009"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	196.7740	15.000	0.000
"01/01/2009"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	196.7740	15.000	0.000
"01/01/2009"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	196.7740	15.000	0.000
"01/01/2009"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	196.7740	15.000	0.000
"01/01/2009"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	196.7740	15.000	0.000
"01/01/2009"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	196.7740	15.000	0.000
"01/01/2009"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	196.7740	15.000	0.000
"01/01/2009"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	196.7740	15.000	0.000
"01/01/2009"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	196.7740	15.000	0.000
"01/01/2009"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"01/01/2009"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	196.7740	15.000	0.000
"01/01/2009"	"3004500014"	"	0.2600	-3.00	12.400	6	15.000	196.7740	15.000	0.000
"01/01/2009"	"3004500015"	"	0.2600	-3.00	14.200	6	15.000	196.7740	15.000	0.000
"01/01/2009"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	196.7740	15.000	0.000
"01/01/2009"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"01/01/2009"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	196.7740	15.000	0.000
"01/01/2009"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	196.7740	15.000	0.000
"01/01/2009"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	196.7740	15.000	0.000
"01/01/2009"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	196.7740	15.000	0.000
"01/01/2009"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	196.7740	15.000	0.000
"01/01/2009"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	196.7740	15.000	0.000

"01/01/2009"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	196.7740	15.000	0.000
"01/01/2009"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000
"01/01/2010"	"3004500001"	"	0.2600	-3.00	11.900	6	15.000	200.0000	15.000	0.000
"01/01/2010"	"3004500002"	"	0.2600	-3.00	12.800	6	15.000	200.0000	15.000	0.000
"01/01/2010"	"3004500003"	"	0.2600	-3.00	10.500	6	15.000	200.0000	15.000	0.000
"01/01/2010"	"3004500004"	"	0.2600	-3.00	10.600	6	15.000	200.0000	15.000	0.000
"01/01/2010"	"3004500005"	"	0.2600	-3.00	11.900	6	15.000	200.0000	15.000	0.000
"01/01/2010"	"3004500006"	"	0.2600	-3.00	12.700	6	15.000	200.0000	15.000	0.000
"01/01/2010"	"3004500007"	"	0.2600	-3.00	12.100	6	15.000	200.0000	15.000	0.000
"01/01/2010"	"3004500008"	"	0.2600	-3.00	13.000	6	15.000	200.0000	15.000	0.000
"01/01/2010"	"3004500009"	"	0.2600	-3.00	14.700	6	15.000	200.0000	15.000	0.000
"01/01/2010"	"3004500010"	"	0.2600	-3.00	13.900	6	15.000	30.0000	15.000	0.000
"01/01/2010"	"3004500013"	"	0.2600	-3.00	14.000	6	15.000	200.0000	15.000	0.000
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"01/01/2010"	"3004500016"	"	0.2600	-3.00	15.000	6	15.000	200.0000	15.000	0.000
"01/01/2010"	"3004500017"	"	0.2600	-3.00	12.900	6	15.000	30.0000	15.000	0.000
"01/01/2010"	"3004529598"	"	0.2600	-3.00	11.000	6	15.000	200.0000	15.000	0.000
"01/01/2010"	"3004529649"	"	0.2600	-3.00	11.000	6	15.000	200.0000	15.000	0.000
"01/01/2010"	"3004529737"	"	0.2600	-3.00	8.000	6	15.000	200.0000	15.000	0.000
"01/01/2010"	"3004530062"	"	0.2600	-3.00	6.500	6	15.000	200.0000	15.000	0.000
"01/01/2010"	"3004530114"	"	0.2600	-3.00	12.000	6	15.000	200.0000	15.000	0.000
"01/01/2010"	"3004530348"	"	0.2600	-3.00	13.500	6	15.000	200.0000	15.000	0.000
"01/01/2010"	"3004530058"	"	0.2600	-3.00	7.500	6	15.000	200.0000	15.000	0.000
"01/01/2010"	"3004529825"	"	0.2600	-3.00	13.000	6	15.000	30.0000	15.000	0.000

5. Fracture Details

No detailed fracture description was available.

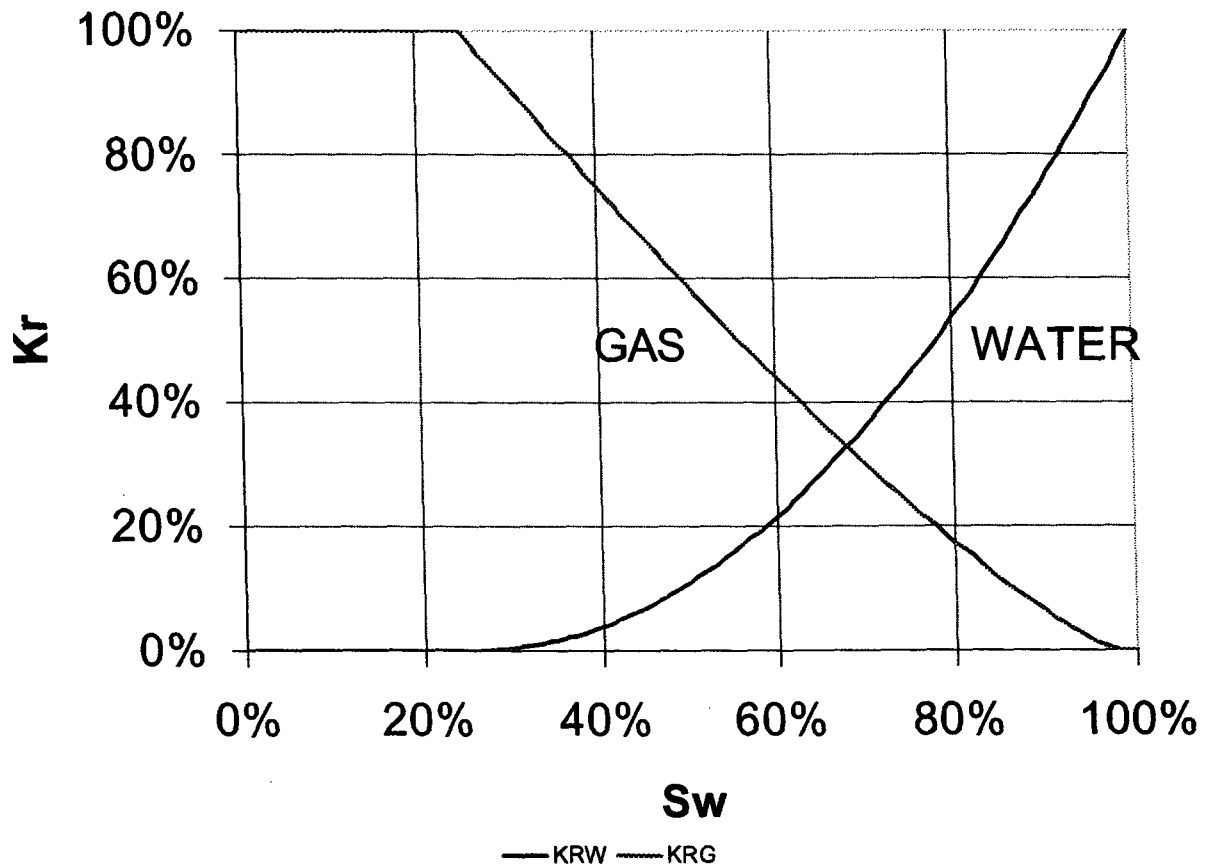
6. Skin Factors

Skin factors are shown by month in the constraints tables presented in Section 5. Skin factors were estimated based on typical values used for fractured wells from other analyses in the San Juan Basin.

The same skin factor was used for both gas and water.

7. Relative Permeability

The figure below shows the relative permeability relationships that were used, based on a typical San Juan Basin "wet" curve. This curve was set at the beginning of the analysis and was not changed during the analysis.



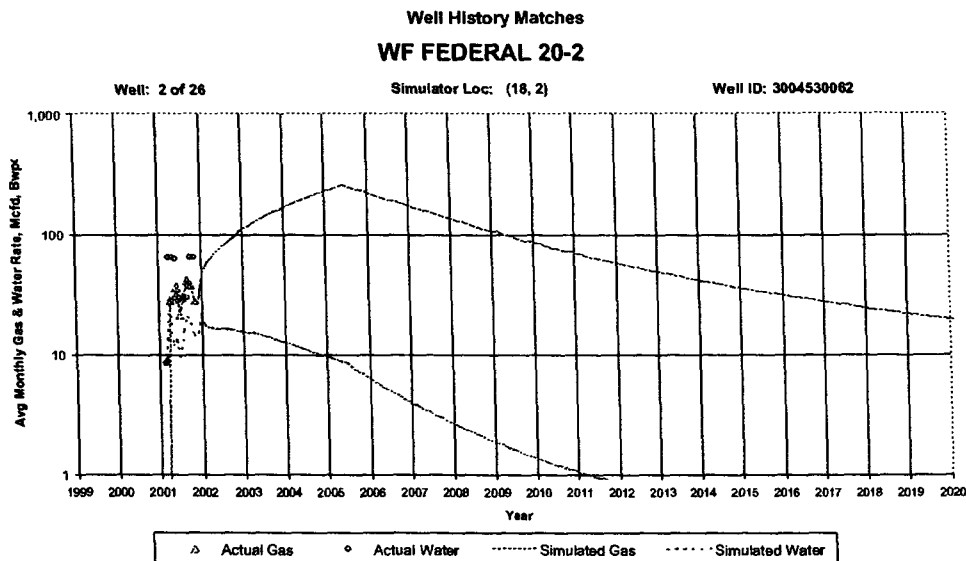
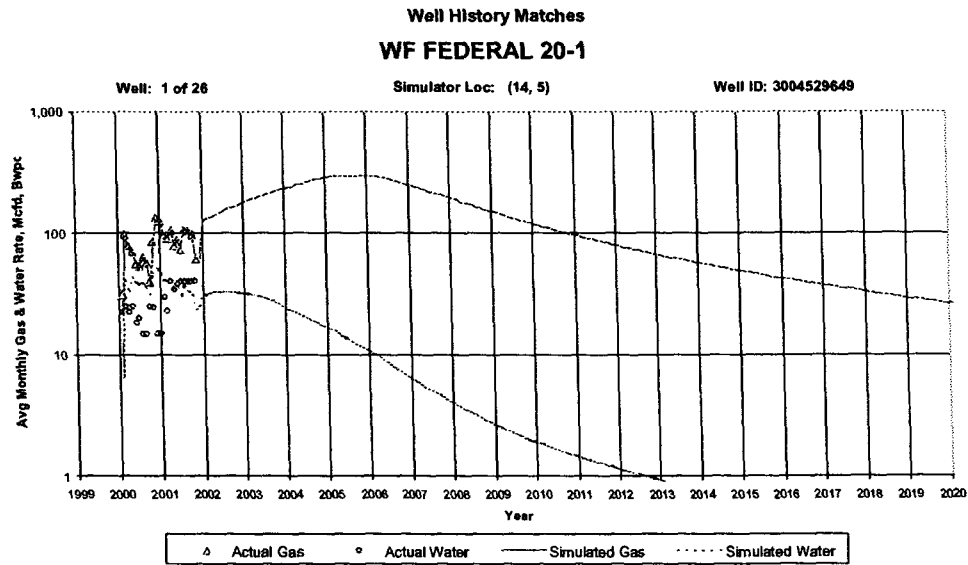
8. Allocation between Lower and Upper Coal

The Lower and Upper Coal were modeled separately. Historical production was allocated 100% to the Lower Coal model.

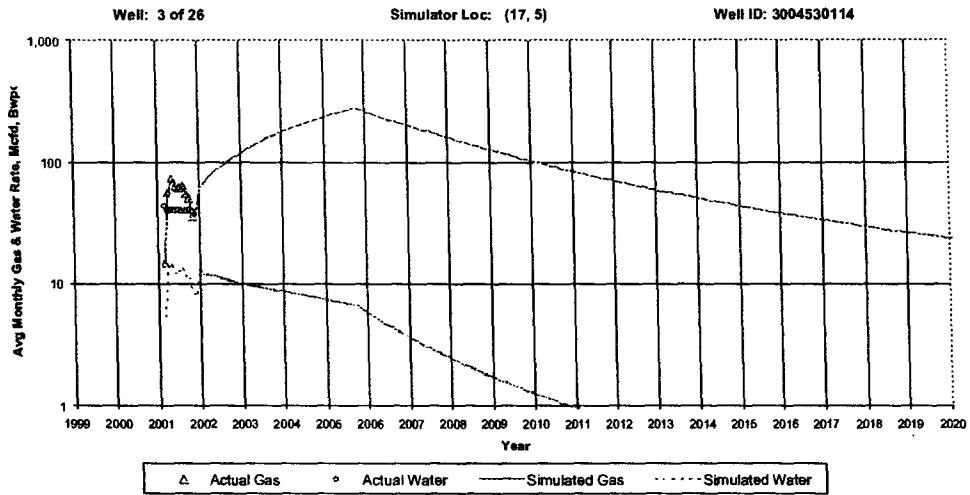
9. Analysis Plots

The plots beginning below show the infills and recompletions case results and history for the Lower Coal.

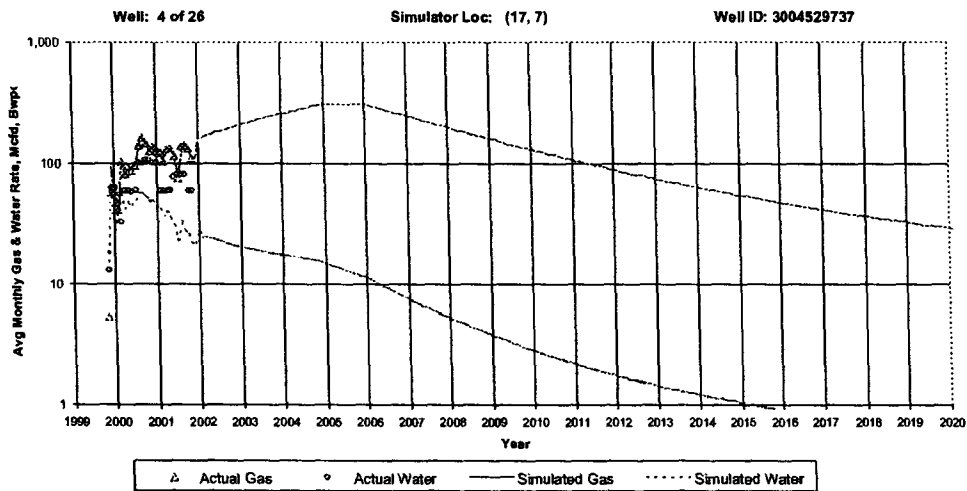
The plots beginning on p. 118 show the infills and recompletions results for the Upper Coal.



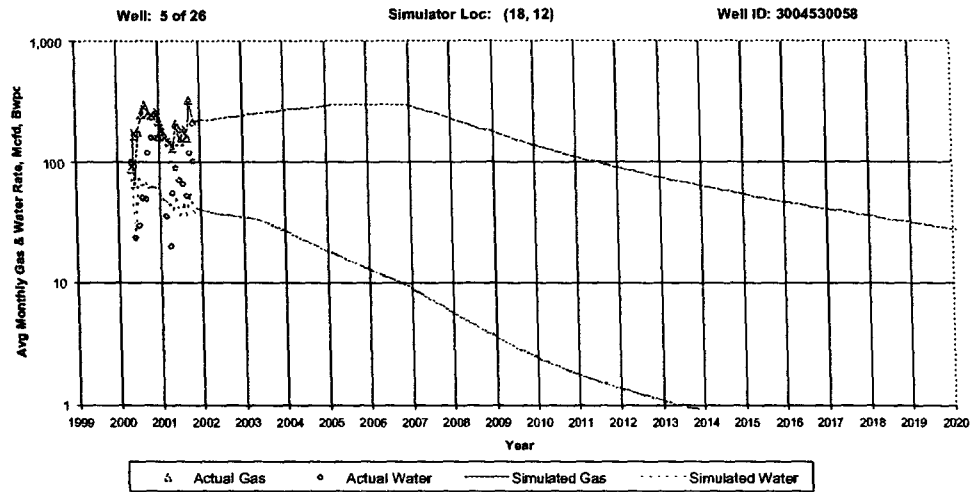
Well History Matches
WF FEDERAL 20-3



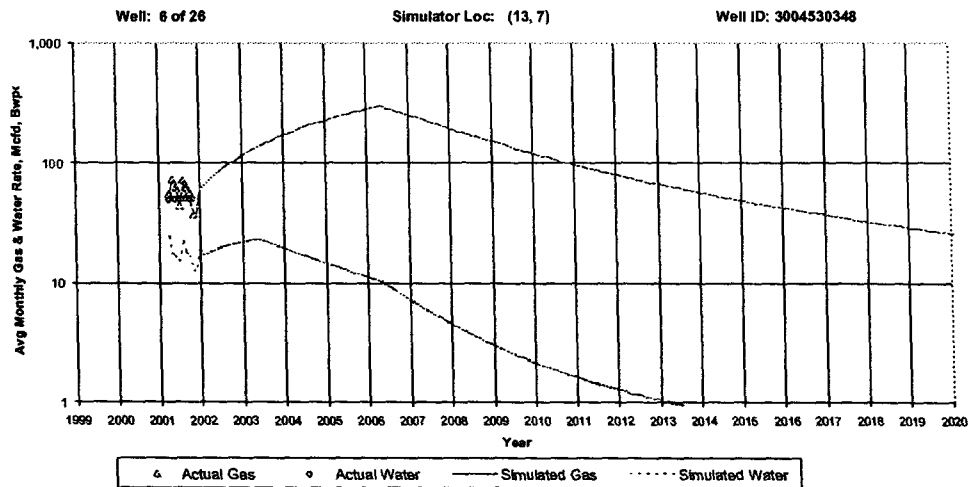
Well History Matches
WF FEDERAL 29-1



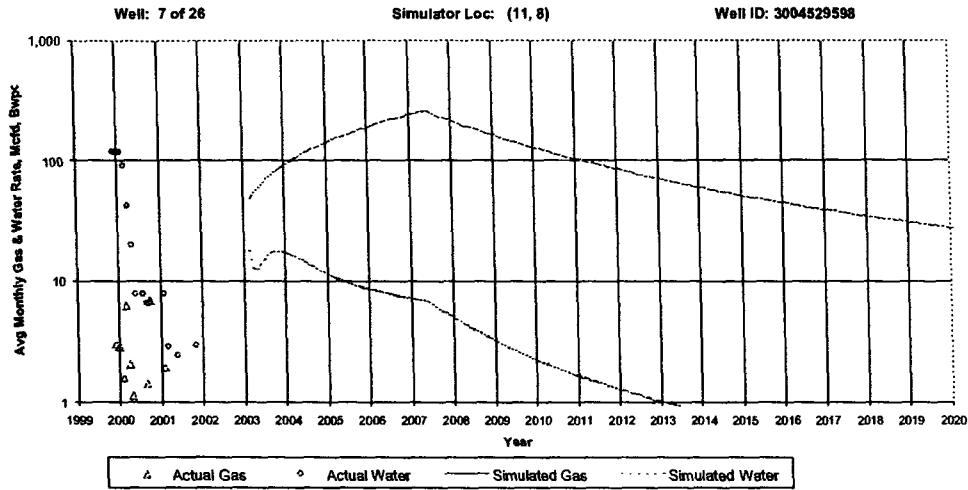
Well History Matches
WF FEDERAL 29-2



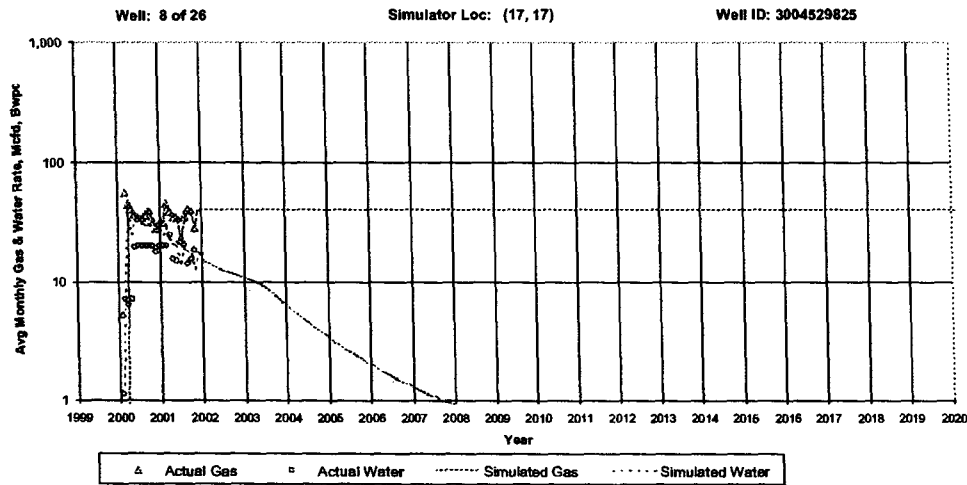
Well History Matches
WF FEDERAL 29-4



Well History Matches
WF FEDERAL 30-1

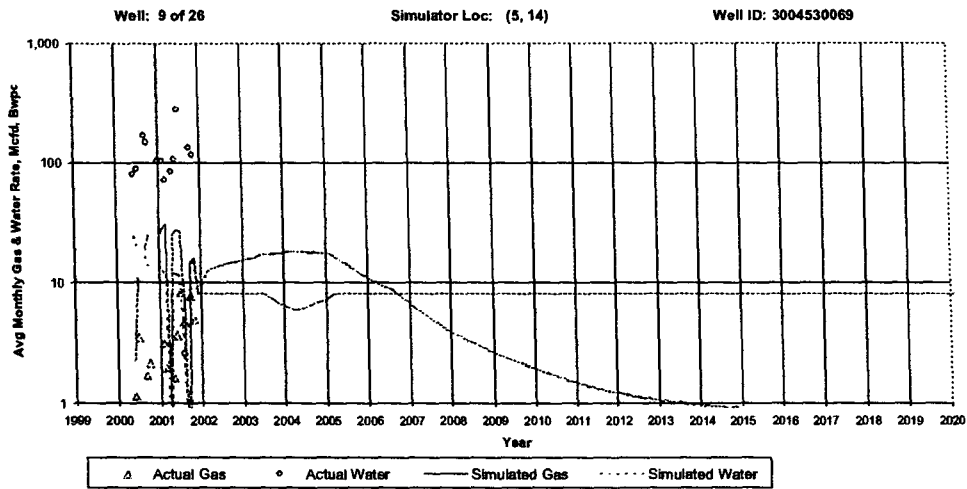


Well History Matches
WF STATE 32-1



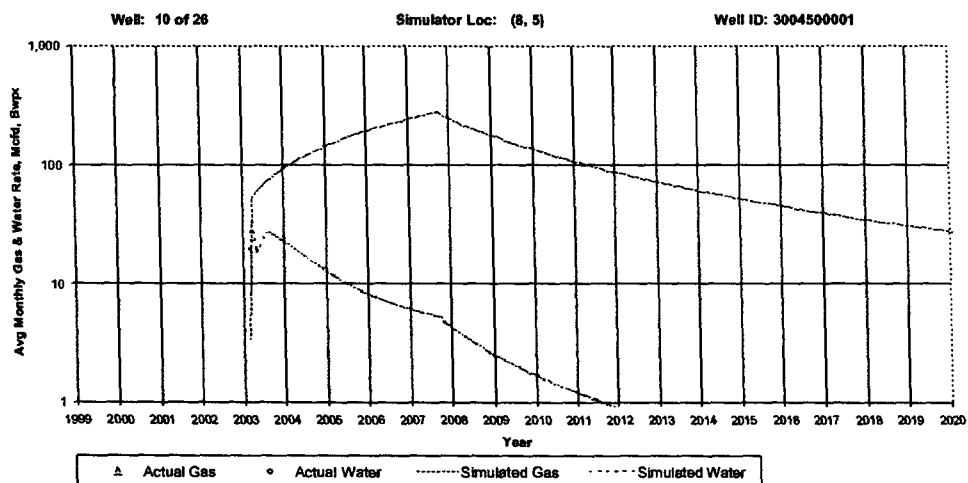
Well History Matches

WF STATE 36-2



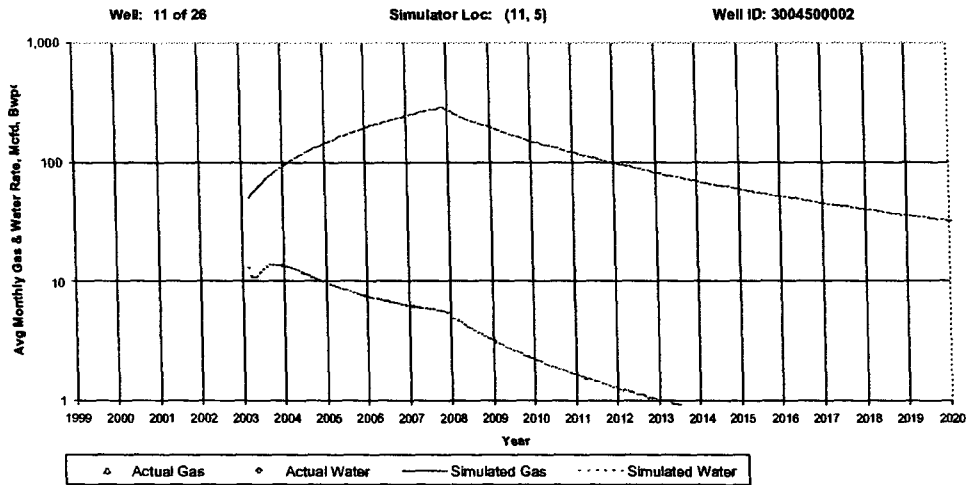
Well History Matches

Infill 19-1



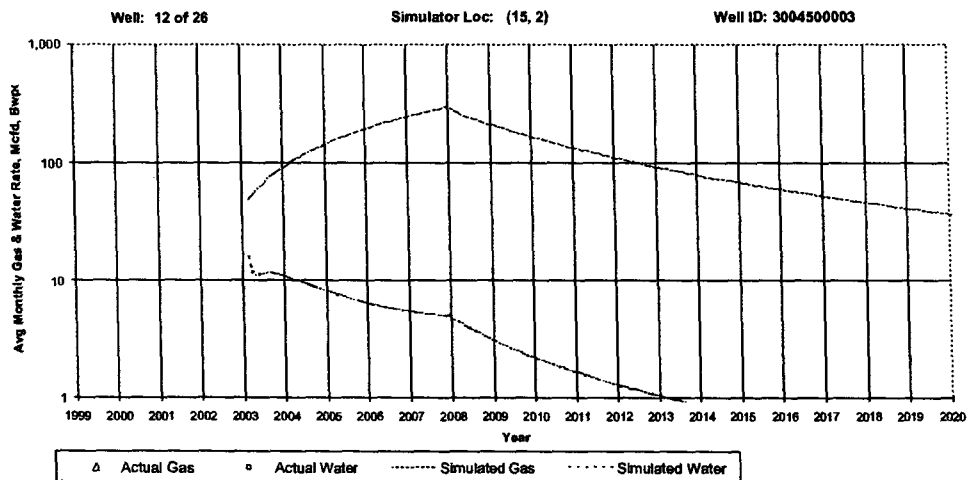
Well History Matches

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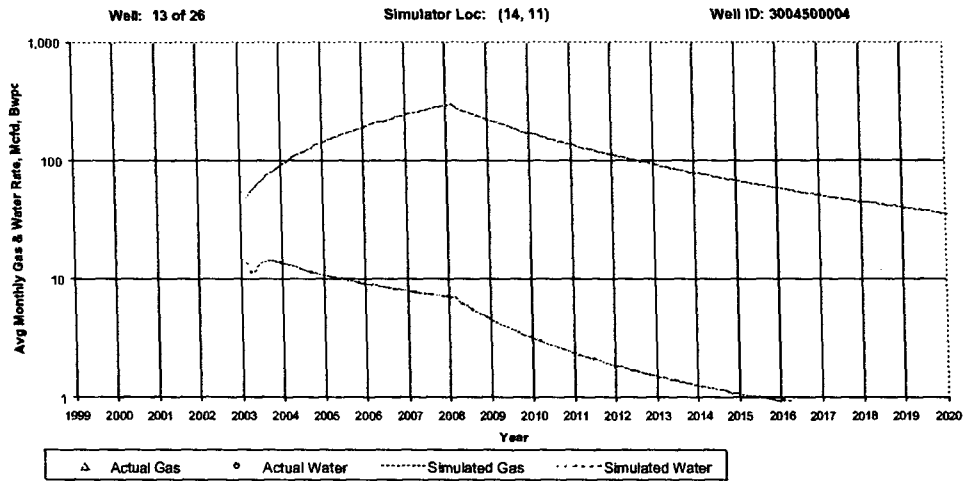
Well History Matches

Infill 20-4



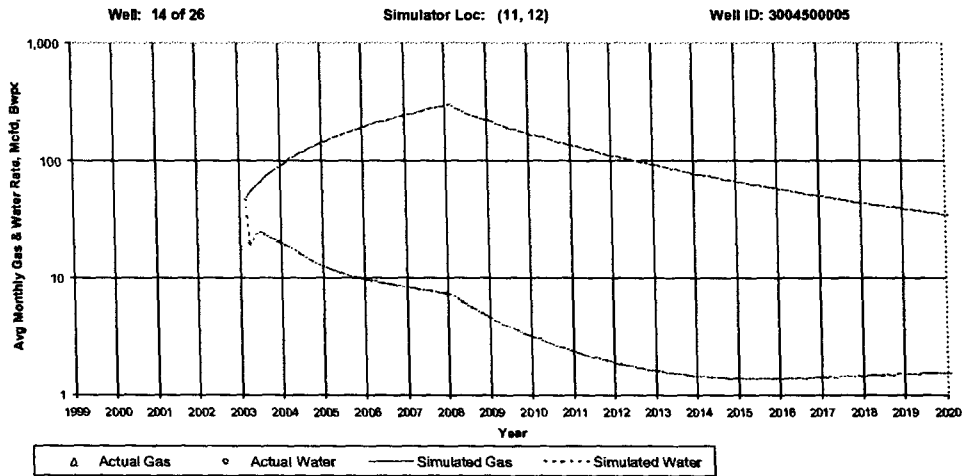
Well History Matches

Infill 29-3



Well History Matches

Infill 30-2



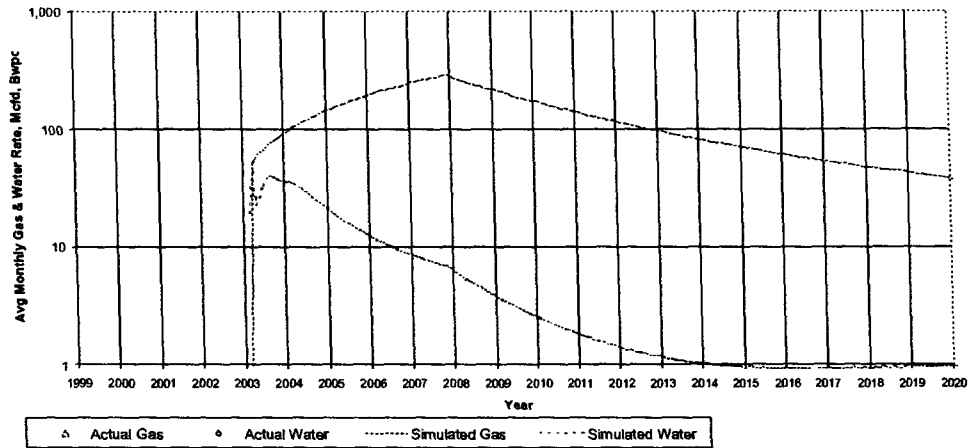
Well History Matches

Infill 30-3

Well: 15 of 26

Simulator Loc: (8, 10)

Well ID: 3004500006



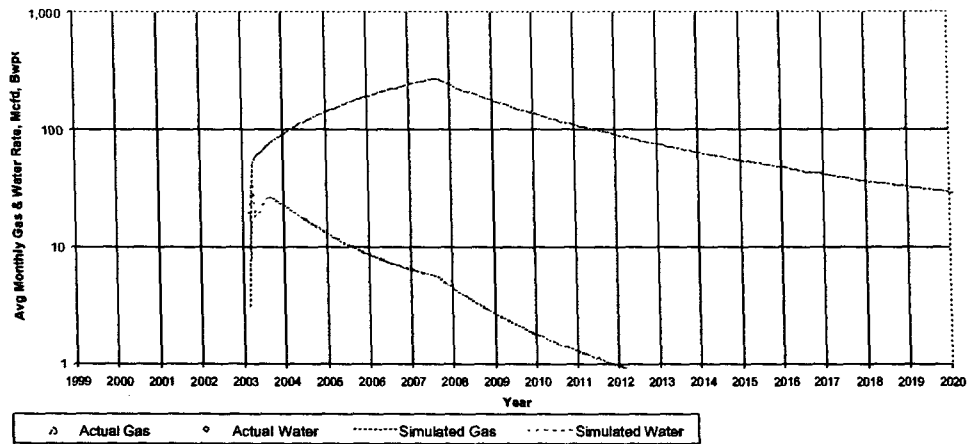
Well History Matches

Infill 30-4

Well: 16 of 26

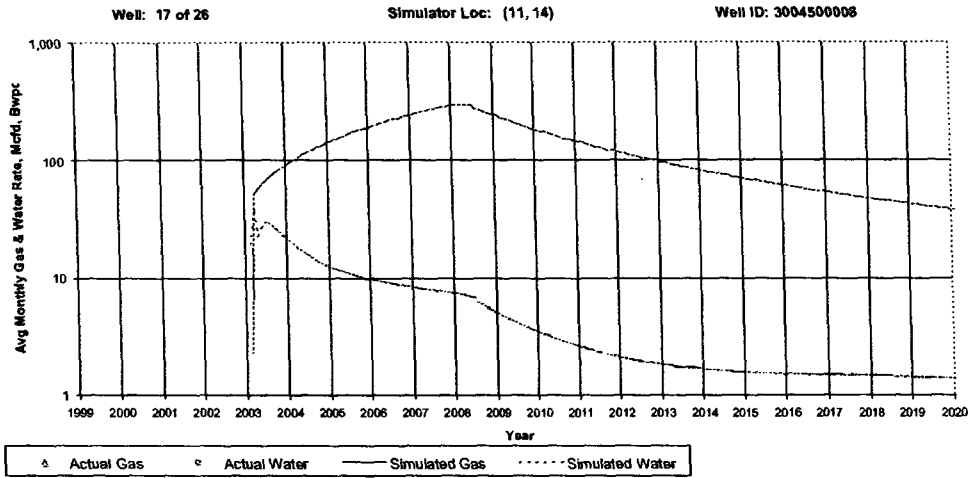
Simulator Loc: (8, 7)

Well ID: 3004500007



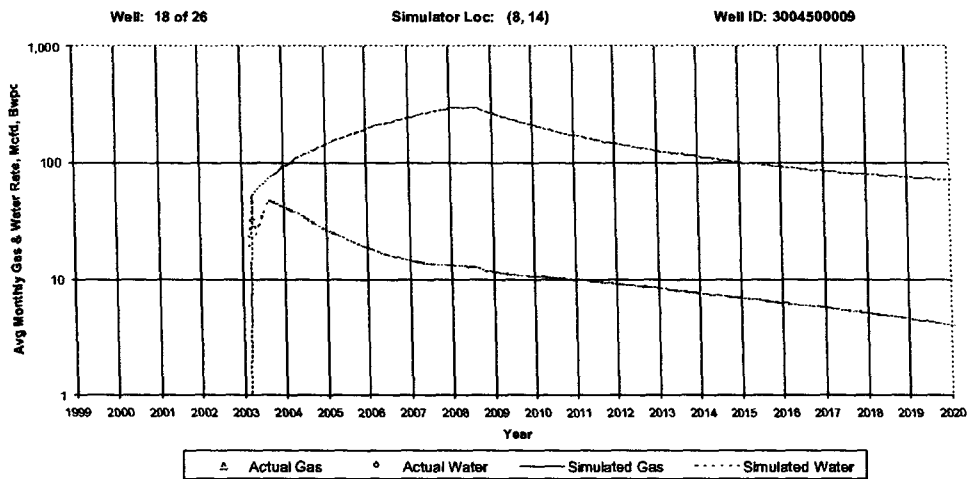
Well History Matches

Infill 31-1



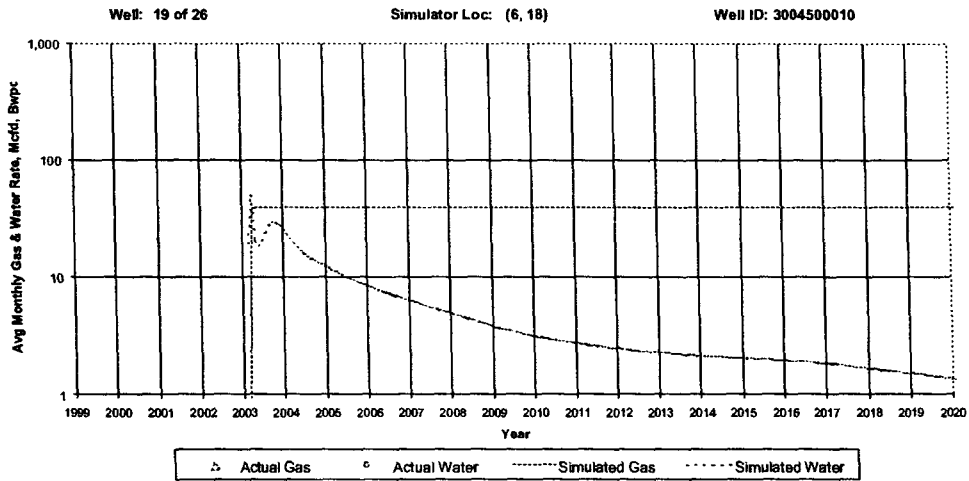
Well History Matches

Infill 31-2



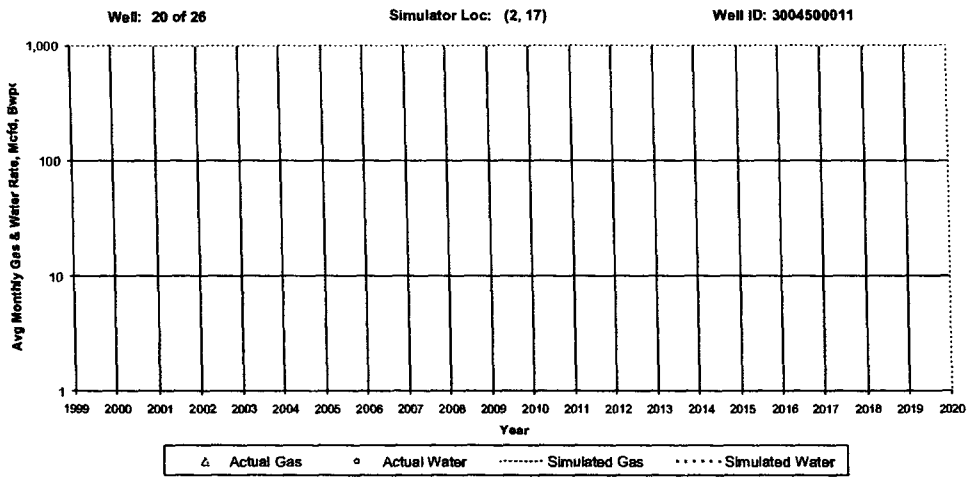
Well History Matches

Infill 36-1



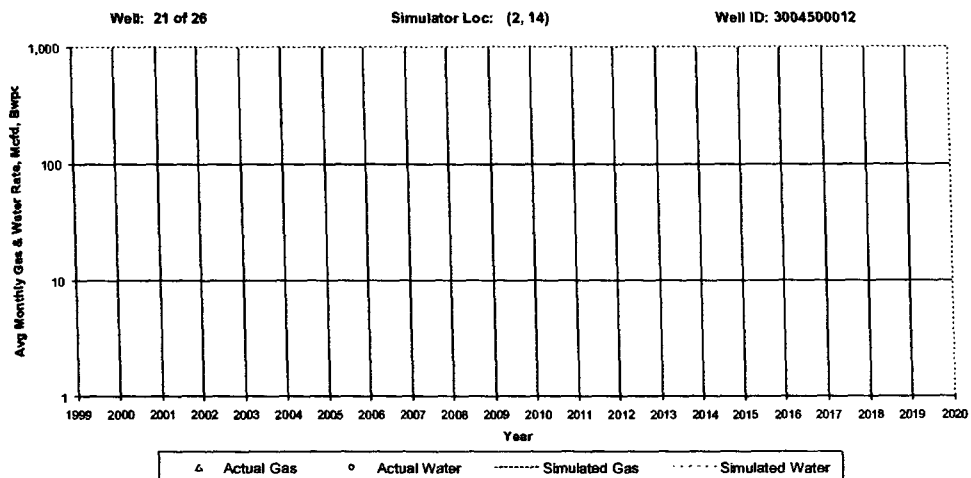
Well History Matches

Infill 36-3



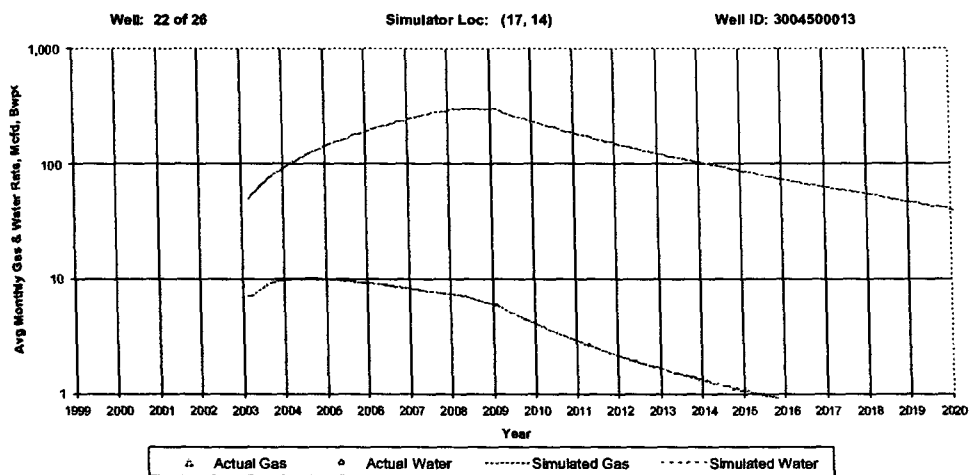
Well History Matches

Infill 36-4



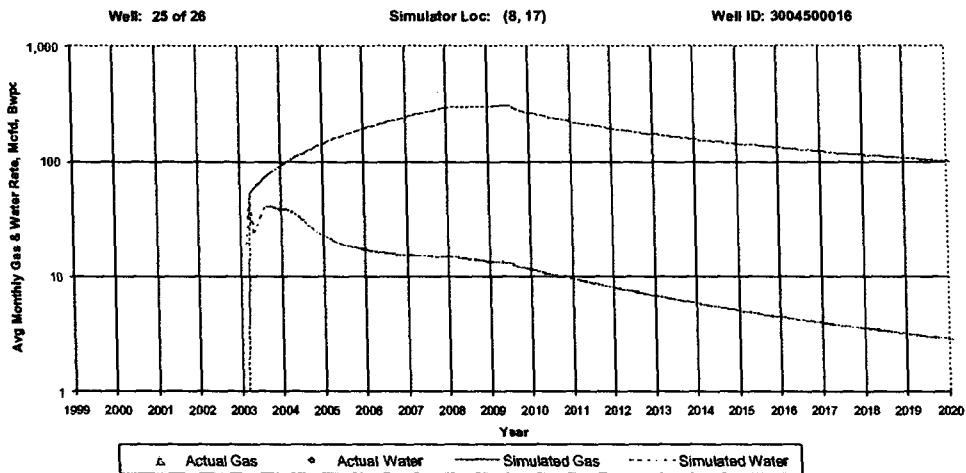
Well History Matches

Infill Dugan 32 NE



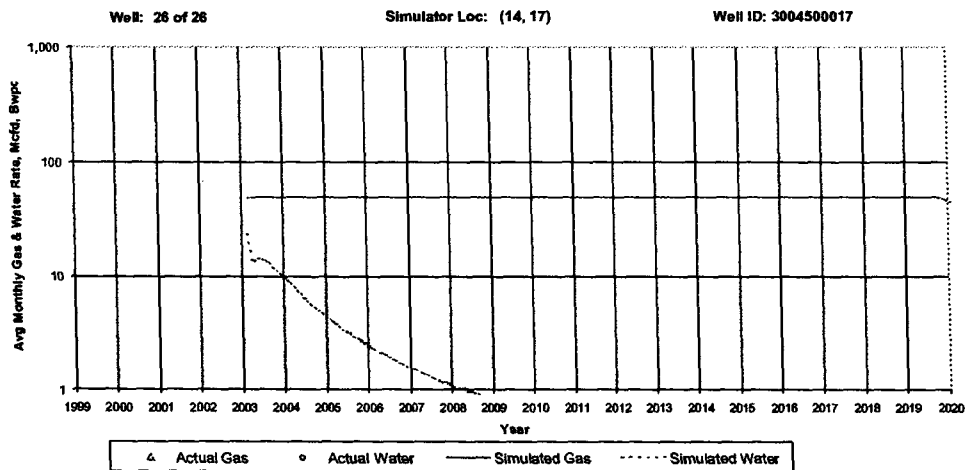
Well History Matches

Infill Dugan 31 SW

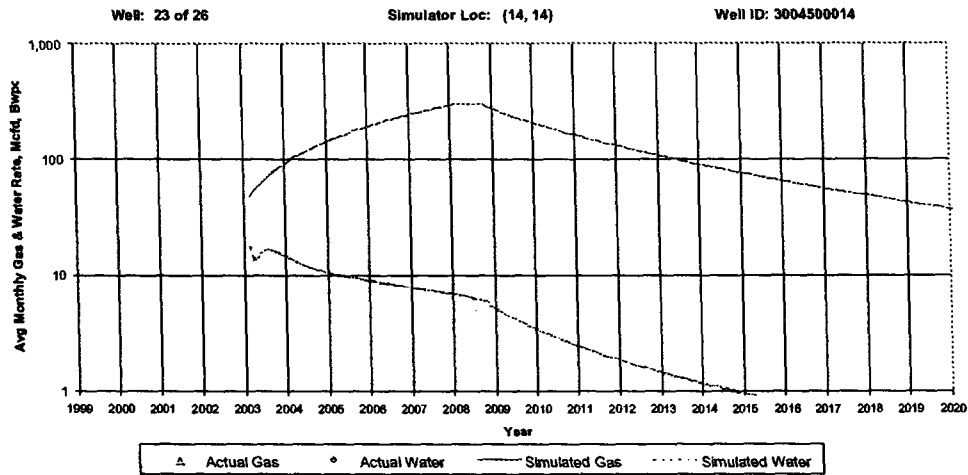


Well History Matches

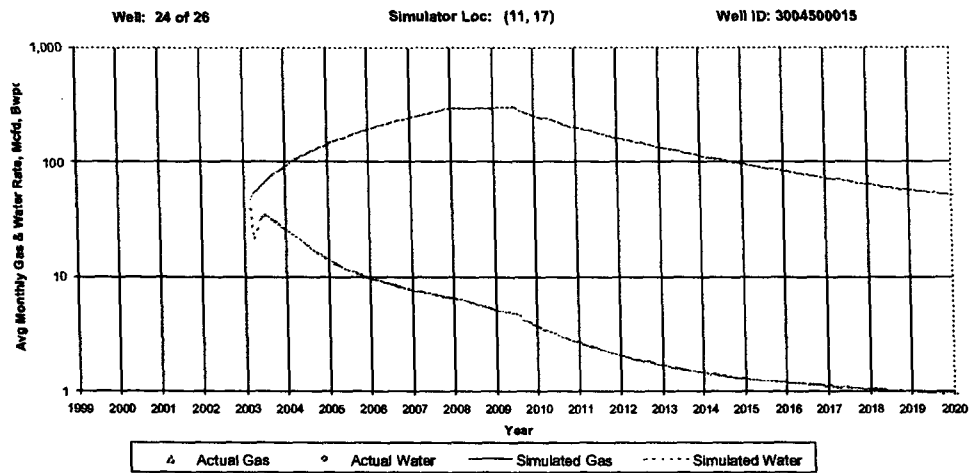
Infill Dugan 32 SW



Well History Matches
Infill Dugan 32 NW

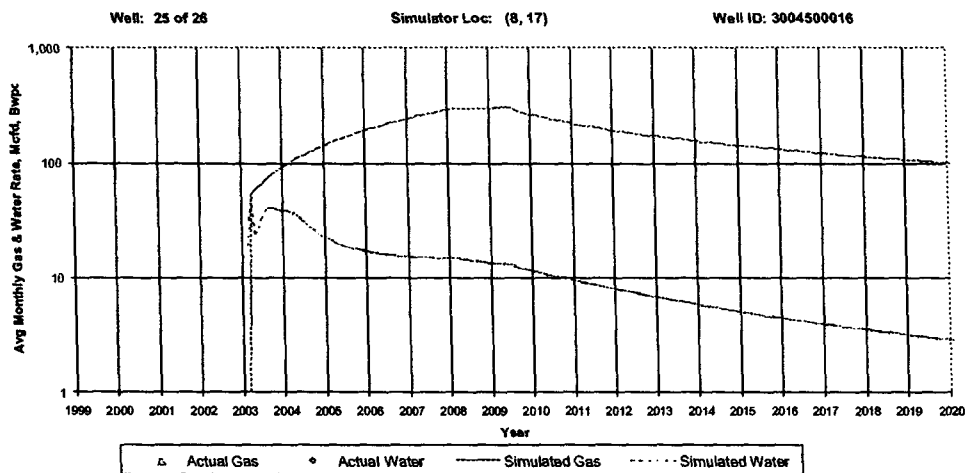


Well History Matches
Infill Dugan 31 SE



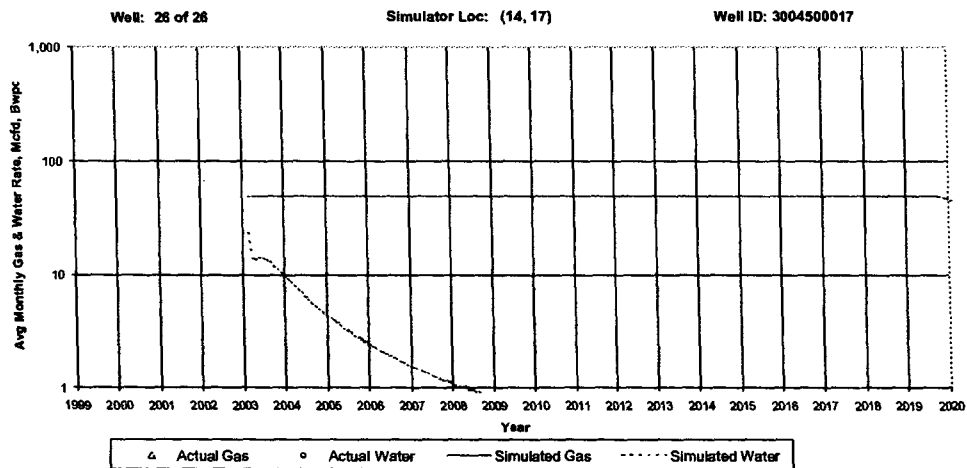
Well History Matches

Infill Dugan 31 SW

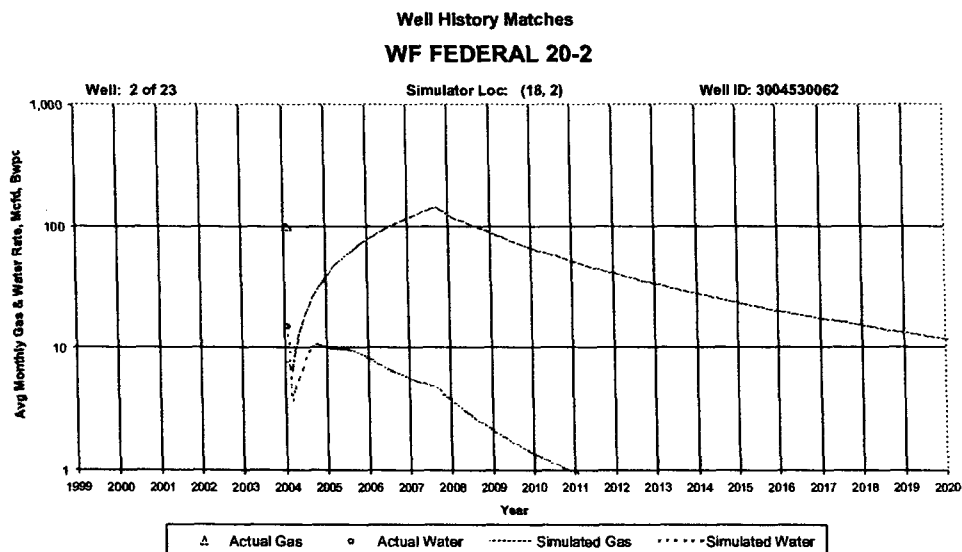
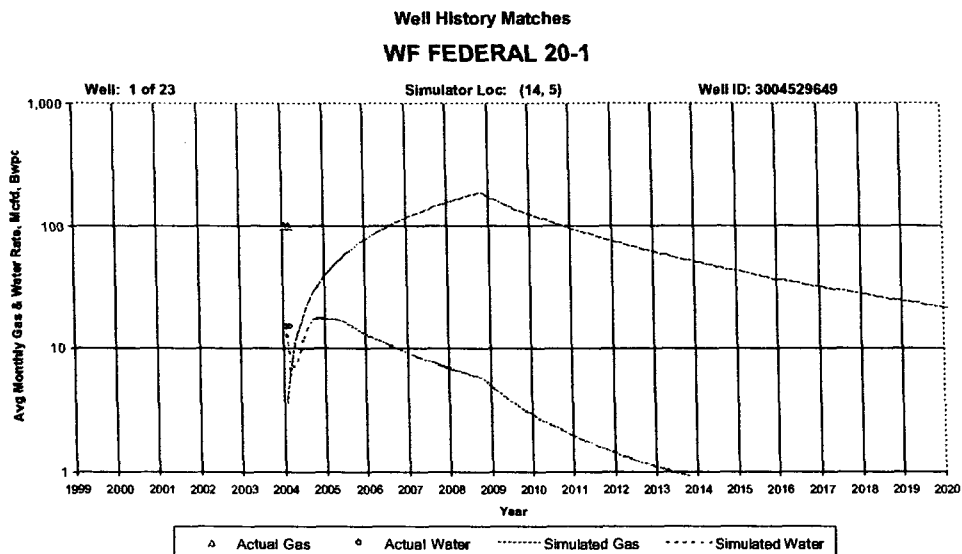


Well History Matches

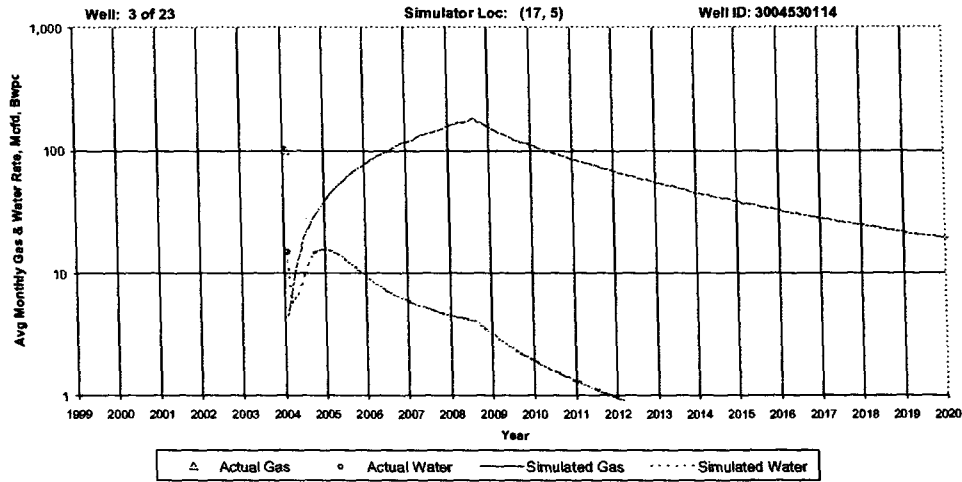
Infill Dugan 32 SW



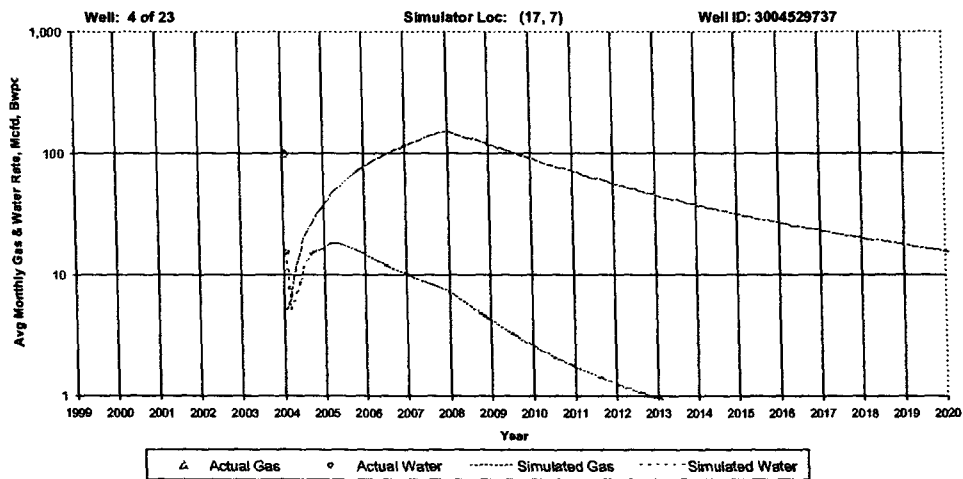
Upper Coal Plots (Note: No actual history available):



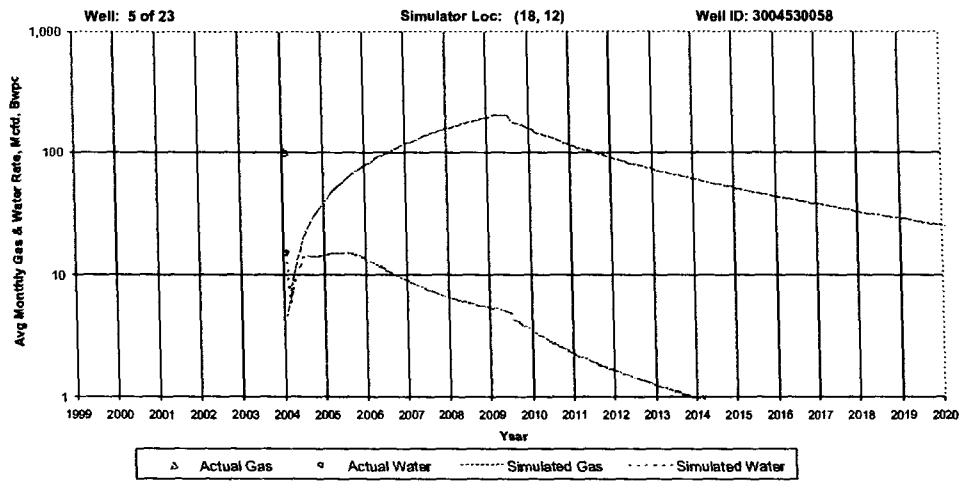
Well History Matches
WF FEDERAL 20-3



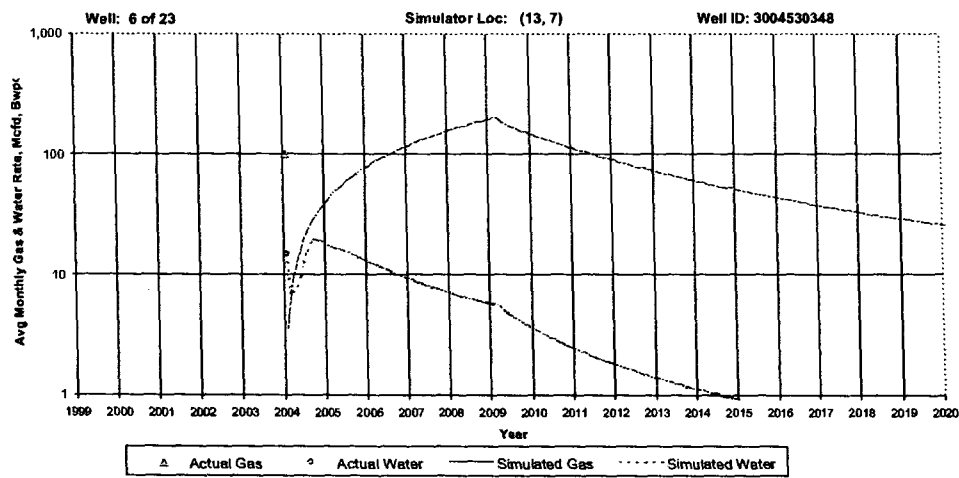
Well History Matches
WF FEDERAL 29-1



Well History Matches
WF FEDERAL 29-2

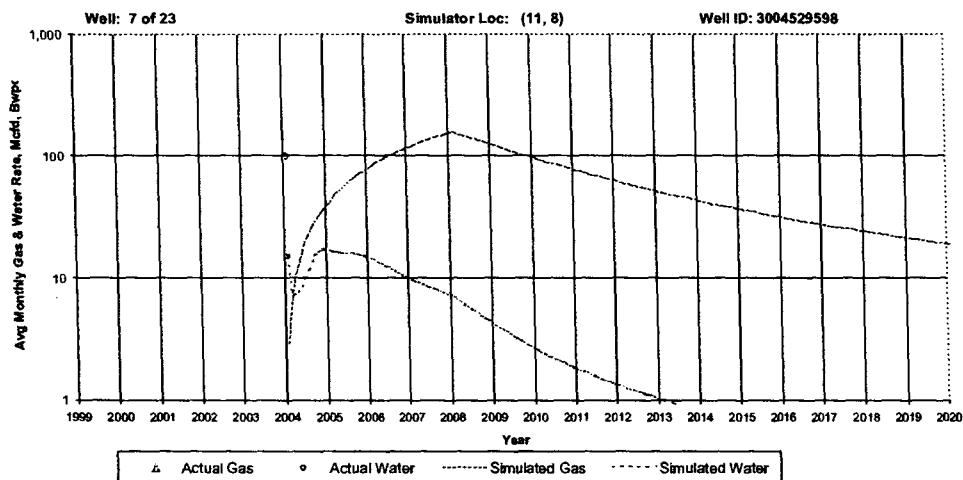


Well History Matches
WF FEDERAL 29-4



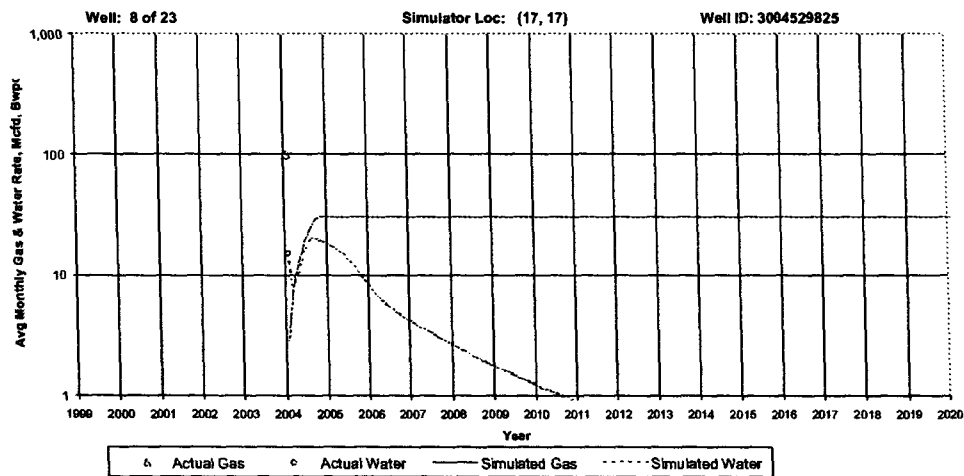
Well History Matches

WF FEDERAL 30-1



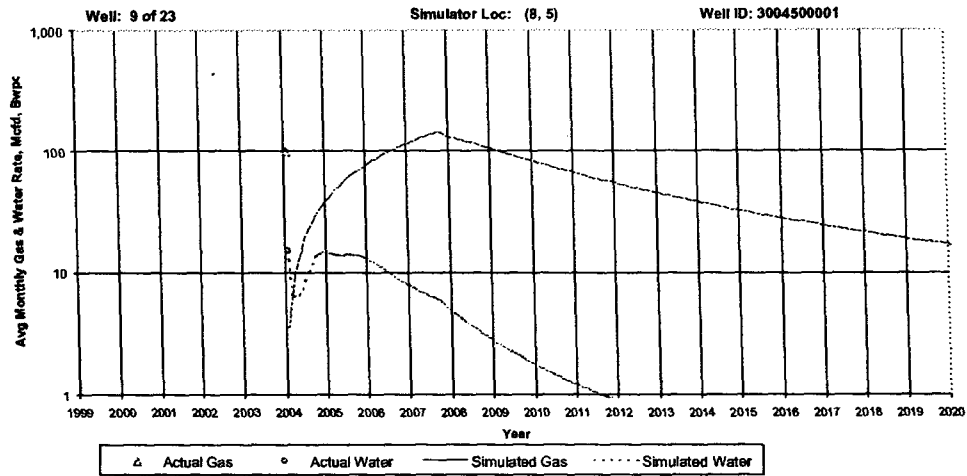
Well History Matches

WF STATE 32-1



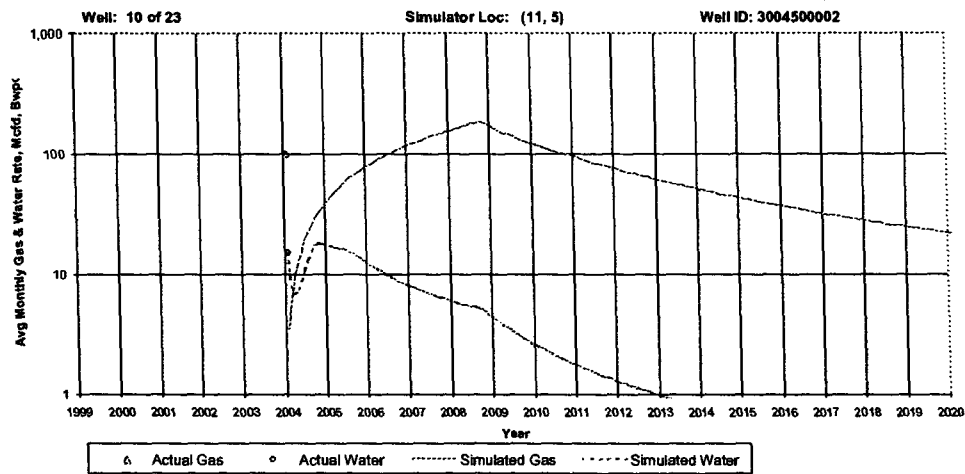
Well History Matches

Infill 19-1



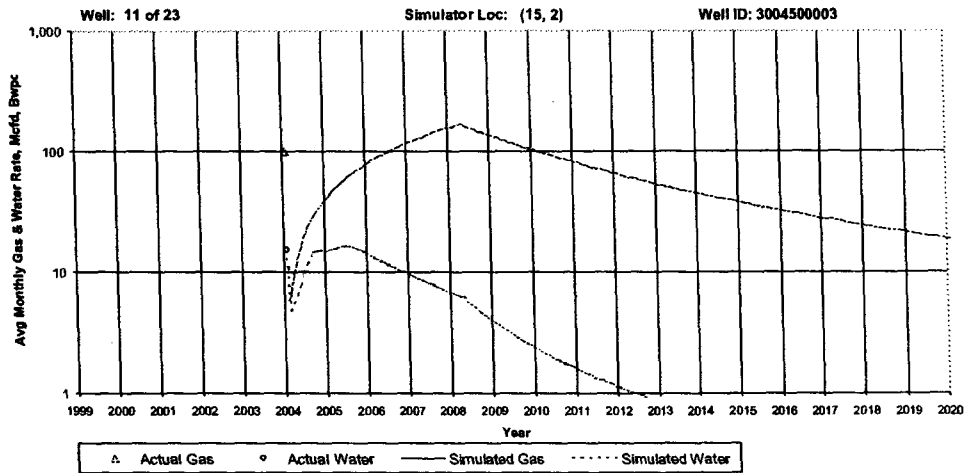
Well History Matches

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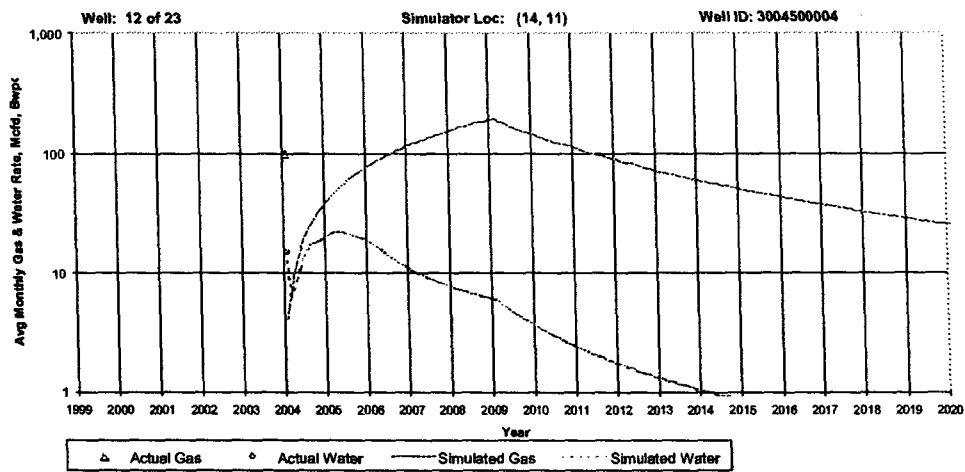
Well History Matches

Infill 20-4



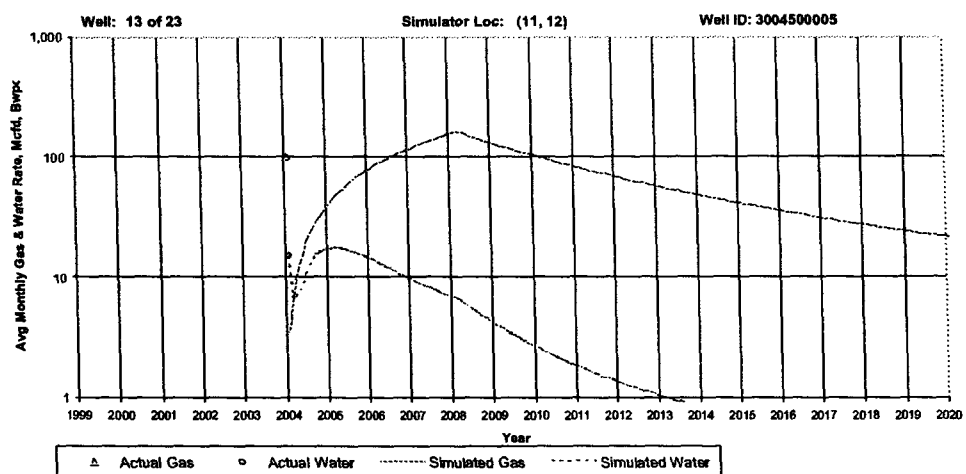
Well History Matches

Infill 29-3



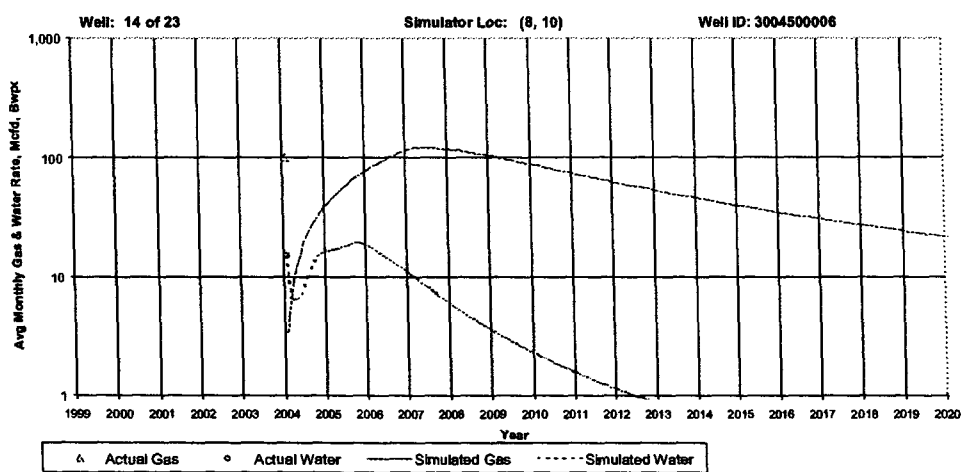
Well History Matches

Infill 30-2



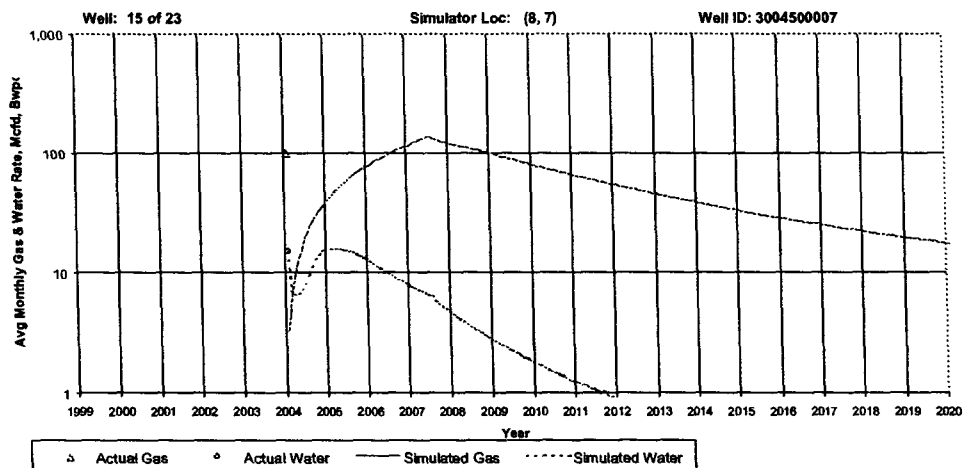
Well History Matches

Infill 30-3



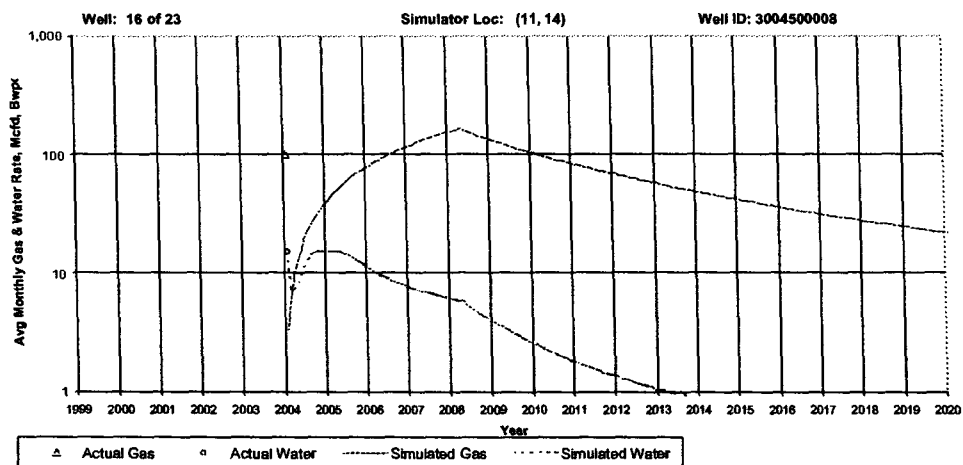
Well History Matches

Infill 30-4



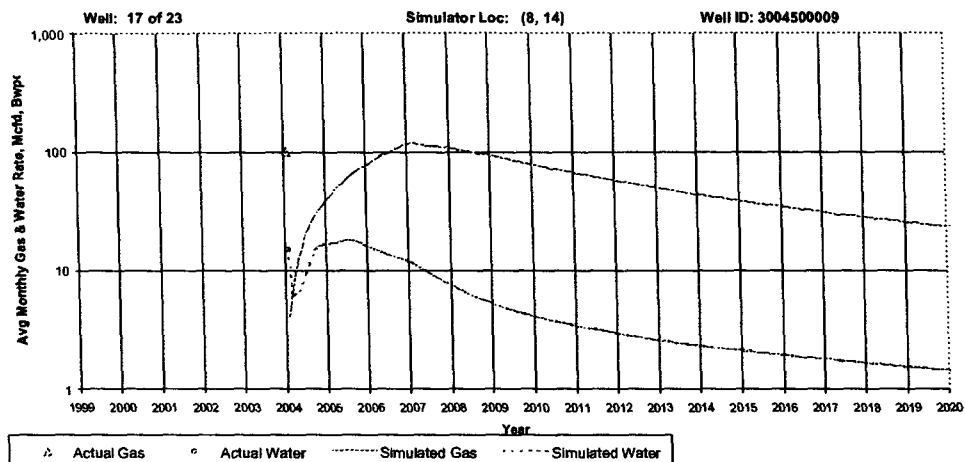
Well History Matches

Infill 31-1



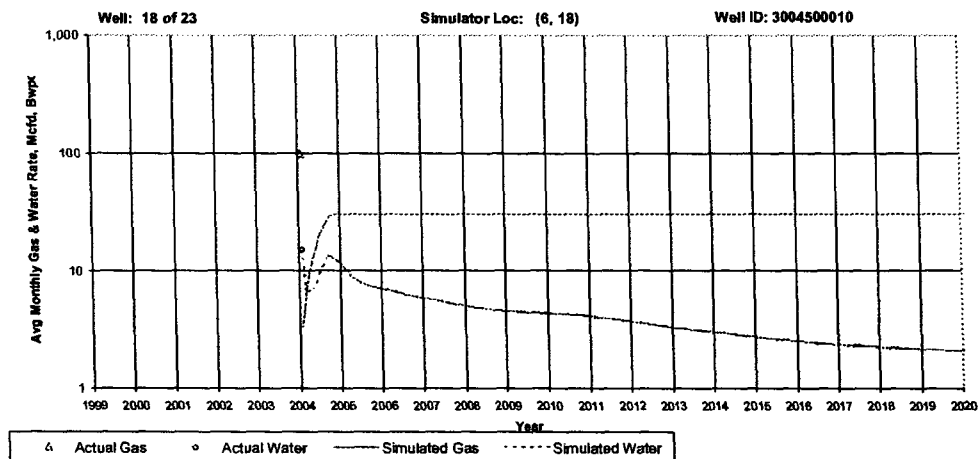
Well History Matches

Infill 31-2



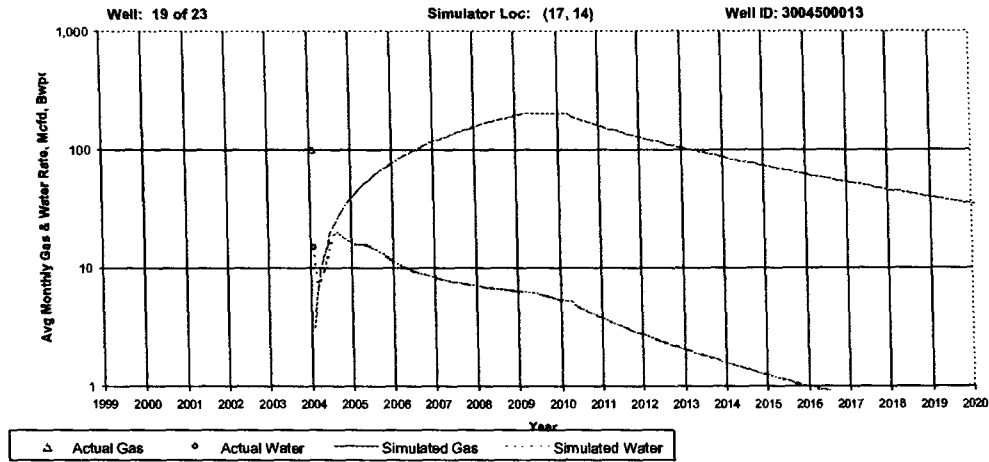
Well History Matches

Infill 36-1



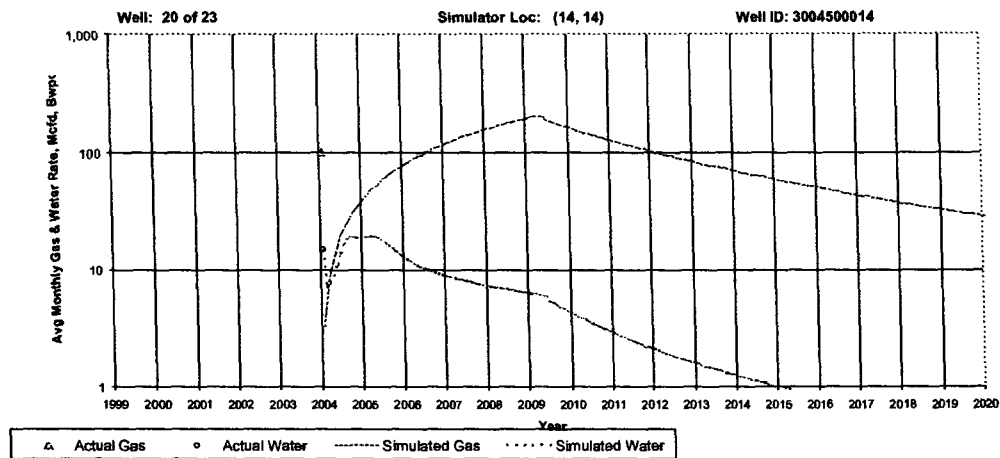
Well History Matches

Infill Dugan 32 NE



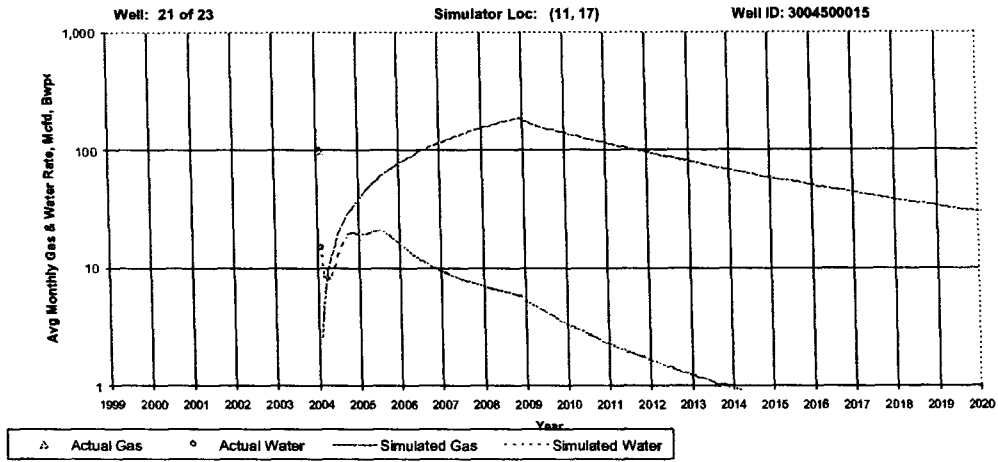
Well History Matches

Infill Dugan 32 NW



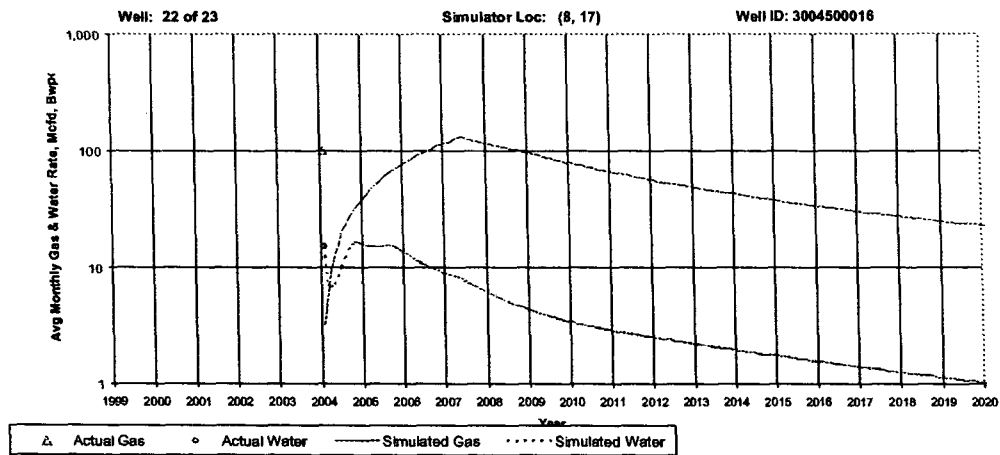
Well History Matches

Infill Dugan 31 SE



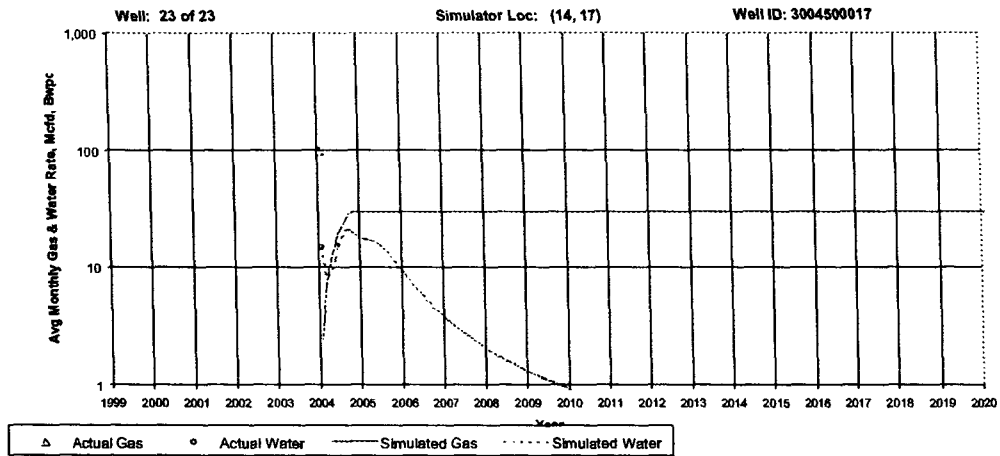
Well History Matches

Infill Dugan 31 SW



Well History Matches

Infill Dugan 32 SW



10. Reference Materials

The following references are submitted:

Paul, G.W., Sawyer, W.K. and Dean, R.H., 1990, "Validation of 3D Coalbed Methane Simulators", Paper SPE 20733 presented at the 1990 SPE Annual Technical Conference and Exhibition, New Orleans, Sep. 23-26.

Tan, T., 2002, "Advanced Large-Scale Coalbed Methane Modeling Using a Conventional Reservoir Simulator", Paper SPE 75672 presented at the 2002 SPE Gas Technology Symposium, Calgary, Alberta, Canada, Apr 2-May 2.

The 3M Model Report and User's Guide are available from the Colorado Oil and Gas Conservation Commission web site at

<http://oil-gas.state.co.us/>

First go to the key on the left index marked "LIBRARY". That has a listing for "Studies in the San Juan Basin". Once that link is pushed, you can go to the "3M Project – CBM Model Final Report" link.

SPE 20733

Validation of 3D Coalbed Simulators

G.W. Paul, ICF Resources Inc.; W.K. Sawyer, Mathematical & Computer Services;
and R.H. Dean, ARCO Oil & Gas Co.

SPE Members

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ABSTRACT

Simulation results for three coal seam gas problems are compared for models developed by ICF Resources Inc. and ARCO Oil and Gas Company. Excellent agreement between the two simulators is obtained.

INTRODUCTION

As part of a well spacing study being conducted by the Gas Research Institute for a committee of coalbed methane operators in the San Juan Basin, ICF Resources was asked to compare its coalbed simulator with the general purpose black-oil simulator, as modified for coal seam gas, developed by ARCO Oil and Gas Company. The comparative problems were designed to 1) illustrate some of the unique features of methane recovery from coal seams, 2) utilize data typical of the Fruitland coal formation, and 3) be easily replicable with other models.

The ICF model was also benchmarked against the first SPE black-oil comparative problem¹ as described in the appendix.

PROBLEM STATEMENT

The three coal seam gas problems used the same areal simulation grid and locations for three vertical production wells as shown in Fig. 1. The grid in Fig. 1 represents 640 acres, so each block is 528 x 528 ft. A different layering scheme was used in each problem. For problem 1, communication was restricted to the wellbore which was completed in both coal layers and in the interbedded sandstone as shown in Fig. 2. In the second problem, the two no-flow barriers were not present and the layers were allowed to communicate with vertical permeabilities as given in Table 1. For problem 3, the sandstone layer was also removed, leaving two coal layers in communication.

Other differences among the problems in both reservoir and coal desorption properties are shown in Tables 1 and 2. Additional data for all problems are zero pore volume compressibility, no

References and illustrations at end of paper.

solution gas in water, zero capillary pressure, a natural fracture (cleat) spacing of 0.2 in., and wellbore radius of 0.3 ft. All wells were unstimulated in the sandstone layer, while wells 2 and 3 were provided with a negative skin (-4.5) to represent a hydraulic fracture in the coal seams. Well schedules and BHP's are given in Table 3, gas and water PVT data in Table 4, and gas-water relative permeabilities for the coal and sandstone in Table 5. Ten-year simulations were made for all three problems.

DESCRIPTION OF SIMULATORS USED

ICF Resources Inc.

ICF used COMETPC 3-D, a three-dimensional (3D), two-phase, single or dual porosity simulator for modeling gas and water production from coal seams, devonian shales, and conventional reservoirs. The model can simulate black-oil problems for gas-oil systems. The coalbed methane formulation is based on the non-equilibrium, pseudo-steady state approach discussed by King et al². Options are available to model stress-sensitive permeability, matrix shrinkage, and gas readsorption to coal. The finite-difference formulation is fully implicit, and an implicit wellbore algorithm adds stability and preserves user-specified rate and pressure constraints. Each well may be vertical, horizontal or deviated, with appropriate productivity indices internally calculated for either induced fracture or unstimulated conditions. The matrix equations are solved in 3D by a combined direct (D4) - slice SOR method. Additional details are given by Sawyer et al³.

ARCO Oil and Gas Company

ARCO used a general purpose black-oil simulator developed initially for modelling naturally fractured reservoirs. An early version of the simulator is described by Dean and Lo⁴. The simulator can perform fully-implicit, sequential, or IMPES calculations for 3D systems, and models multi-phase flow for single or dual porosity reservoirs. In dual porosity mode, the simulator can model the production of water, oil, and gas from naturally fractured reservoirs, and the production of water and gas from coal seams. Special options for coal seams include generation of curvilinear grids to model finite conductivity hydraulic fractures as discussed by

Fleming⁵, generation of elliptical grids for infinite conductivity hydraulic fractures, deviated or horizontal wells, and allowance for user-specified wellbore hydraulics. In addition, the simulator models pressure-dependent permeabilities and gas lift systems, accounts for aquifer influx, and allows user-specified or internally generated gas-water PVT properties.

The coal seam option in the ARCO simulator is similar to ICF's implementation as described by Sawyer et al.⁶ The ARCO simulator solves the coal seam equations fully implicitly using a finite-difference grid with the three independent variables in each grid block being gas pressure and water saturation in cleat, and the gas concentration in the coal. The latter is defined as the volume of gas (in surface units) adsorbed on the coal per unit volume of reservoir.

The ARCO simulator models flow through the coal cleat system using conventional (darcy) two-phase flow equations which include an additional term representing gas exchange between the cleat system and coal. If C is the gas concentration in the coal, then the rate at which gas enters the cleat system from the coal, $-\partial C/\partial t$, is assumed to obey a first-order rate equation of the form

$$-\partial C/\partial t = (1/\tau)(C - C_w), \quad (1)$$

where τ is the sorption time which determines how quickly gas desorbs from the coal. The variable C_w is a function of the gas pressure, P , and can be calculated from

$$C_w = C_L P/(P_L + P), \quad (2)$$

where C_L and P_L are constants. The simulator models both gas desorption and adsorption, and allows the coal to be undersaturated.

Eqs. (1) and (2) are combined with conventional reservoir equations to model production from coal seams. The non-linear equations are linearized with the variation in the independent variable C expressed in terms of the variation in gas pressure and water saturation. The resulting global set of linear equations contains only the gas pressure and water saturation. This approach is analogous to that used in conventional dual porosity simulations⁶, and reduces the size of the linear system of equations which must be solved. The non-linear set of equations is solved with a Newton-Raphson technique, while the linearized equations are solved using an ILU(0) preconditioner with orthomin acceleration⁷.

RESULTS

Results from the ICF and ARCO simulators for the three coal seam gas problems are compared in Figs. 3-17. The ICF and ARCO results are very similar with slight differences being due to differences in well PI's and in selection of time-step sizes. The coal seam gas problems were solved with both simulators with nonlinear iteration tolerances of 0.2 psi in pressure and 0.001 (fraction) in water saturation. Small time steps were required at 0, 365, and 730 days in order to accurately model the rapidly changing well rates at those times. The ARCO simulations presented here took approximately ten seconds on a Cray-XMP. The ICF simulations required 20 min. for problem 3, 43 min. for problem 2, and 60 min. for problem 1 on a Compaq 386/20 PC with an 80387 math co-processor.

Figs. 3-7 compare simulator predictions for problem 1. The ICF and ARCO simulators predict very similar results for field-wide gas rates (Fig. 3), field-wide water rates (Fig. 4), and individual well gas rates (Figs. 5-7). The field-wide gas and water rates exhibit dramatic rate increases at 0, 365, and 730 days because wells 1 through 3 begin production at 0, 365, and 730 days, respectively.

The wells are placed immediately on bottomhole pressure control when they begin production and this causes dramatic jumps in the gas and water rates. If wells were placed on production using a prescribed water production limit or if wellbore hydraulics were incorporated into the calculations, then the gas rates would build up gradually for a well and one would not see such dramatic increases in the gas rates.

Figs. 8-12 compare simulator predictions for problem 2. Problem 2 is similar to problem 1 with the major difference being that problem 2 allows vertical communication between the reservoir layers, while problem 1 has permeability barriers between the layers. As in problem 1, the ICF and ARCO simulators predict similar results for field-wide gas rates (Fig. 8), field-wide water rates (Fig. 9), and individual well gas rates (Figs. 10-12). It is interesting to note that the cumulative gas production and cumulative water production in problem 2 are approximately 85% higher than the cumulative gas production and cumulative water production in problem 1. This increased production in problem 2 occurs for two reasons: vertical communication allows the water and gas to segregate which reduces relative permeability effects, and vertical communication allows the fluids to move to the wellbore through the high permeability layers. For problem 2, over 95% of the gas production comes from the top reservoir layer (coal) which has a permeability of 20 md, while the majority of the water production comes from the middle reservoir layer (sandstone) which has a permeability of 100 md.

Figs. 13-17 compare simulator predictions for problem 3. Problem 3 has only two reservoir layers and the coal seam properties are somewhat different for the two layers. In addition, all wells are placed on production at the beginning of the simulation so one does not see the dramatic production rate increases at 365 and 730 days which are present in problems 1 and 2. Once again, the ICF and ARCO simulators predict very similar results for field-wide gas rates (Fig. 13), field-wide water rates (Fig. 14), and individual well gas rates (Figs. 15-17).

CONCLUSIONS

Simulators developed by ICF Resources Inc. and ARCO Oil and Gas Company were compared for three related coal seam gas problems. Results from the two models were in close agreement. The problems and associated results presented here can serve as benchmarks for verification of other coalbed simulators.

NOMENCLATURE

C	=	gas concentration in coal, MCF gas/CF reservoir
C_L	=	constant in Eq. (1), MCF gas/CF reservoir
C_w	=	equilibrium isotherm gas concentration at pressure P , MCF gas/CF reservoir
P	=	coal cleat pressure, psi
P_L	=	constant in Eq. (2), psi
t	=	time, days
τ	=	sorption time, days

ACKNOWLEDGEMENTS

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APPENDIX

Black-Oil Problem

Case 1 of the SPE black-oil comparative problem¹ was run with ICF's model. In Case 1, gas is continually injected into a well in one corner of a 10 x 10 x 3 grid representing an undersaturated oil reservoir; a production well is located in the diagonal corner. The simulation was to be terminated either at the end of ten years, or when GOR exceeds 20,000 scf/bbl, or when oil production rate drops below 1,000 bbl/d, whichever occurs first. Further details of the black-oil problem are given in Ref. 1.

ICF's model is compared to the results from seven industry simulators in Figs. 18-25. In general, ICF's results fall within the envelope of results from the industry models. The SPE black-oil problem as published is a two-phase gas-oil case. However, a third phase consisting of a 12 percent connate water saturation is present. Although this water is immobile, data input to the two-phase ICF simulator had to be modified to account for this 12 percent unused pore space in comparative three-phase models. The approach taken was to reduce the original porosity of 0.30 to $(1 - 0.12)(0.30) = 0.264$, with a corresponding increase in initial oil saturation from 0.88 to 1.0; this yields the identical original oil-in-place as in the three-phase system. The gas saturations in the original relative permeability table were increased by the factor $1/0.88$, with a corresponding increase in the oil saturation, in order to preserve phase mobilities. Finally, computed saturations from the ICF model had to be reduced by the porosity adjustment for comparison with the results of the three-phase simulators.

TABLE 1 - RESERVOIR DATA FOR COAL SEAM PROBLEMS 1 AND 2¹

	Layer 1 (Coal)	Layer 2 (Sandstone)	Layer 3 (Coal)
Thickness, ft	15.0	5.0	15.0
Horizontal permeability, md	20.0	100.0	5.0
Vertical permeability, md	0(2.0) ¹	0(20.0) ¹	0(1.75) ¹
Porosity, fr	0.02	0.20	0.02
Initial water saturation, fr	1.00	0.85 (1.00) ¹	1.00
Initial pressure, psia	1100.0 (1103.2) ²	1108.0 (1107.6) ²	1115.0 (1111.5) ²
Desorption pressure, psia	1000.0 (1103.2) ²	-	1115.0 (1111.9) ²
Sorption time, days	10.0	-	10.0
Langmuir volume, scf/cf coal	28.8	-	28.8
Langmuir pressure, psia	571.0	-	571.0

¹ Data are same for problems 1 and 2 except entries in () which are for problem 2.

² For problem 2, initial pressures calculated at center of each layer assuming gradient of 0.433 psi/ft.

TABLE 2 - RESERVOIR DATA FOR COAL SEAM PROBLEM 3

	Layer 1 (Coal)	Layer 2 (Coal)
Thickness, ft	15.0	15.0
Horizontal permeability, md	20.0	5.0
Vertical permeability, md	2.0	1.75
Porosity, fr	0.02	0.02
Initial water saturation, fr	1.00	1.00
Initial pressure, psia	1103.2	1109.7
Desorption pressure, psia	1103.2	800.0
Sorption time, days	20.0	5.0
Langmuir volume, scf/cf	20.0	28.8
Langmuir pressure, psia	400.0	571.0

TABLE 3 - WELL SCHEDULES AND CONTROLS
FOR COAL SEAM PROBLEMS

	Well No.	Layer	BHP (psia)	Time on Production (days)
Problem 1	1	1, 2, and 3	50.0	0 - 3650
	2	1, 2, and 3	50.0	365 - 3650
	3	1, 2, and 3	50.0	730 - 3650
Problem 2	1, 2, and 3	1	46.55 ¹	Same as Problem 1
	1, 2, and 3	2	50.88	
	1, 2, and 3	3	55.21	
Problem 3	1, 2, and 3	1	43.55 ¹	0 - 3650
	1, 2, and 3	2	53.04	0 - 3650

¹ For problems 2 and 3, BHP's calculated at center of each layer assuming gradient of 0.433 psi/ft.

TABLE 4 - PVT DATA FOR COAL SEAM PROBLEMS

Reservoir temperature, °F	95.0
Gas specific gravity	0.60
Stock tank water density, lbm/cu ft	62.4
Water viscosity, cp	0.73

Pressure (psia)	Gas Shrinkage Factor (MCF/RB)	Gas Viscosity (cp)	Water Shrinkage Factor (STB/RB)
14.7	0.00538	0.0110	0.9940
500.0	0.19182	0.0110	0.9947
1000.0	0.40904	0.0124	0.9953
1400.0	0.59885	0.0142	0.9959

TABLE 5 - RELATIVE PERMEABILITY DATA
FOR COAL SEAM GAS PROBLEMS

Relative Permeability for Coal

S_w	k_{rw}	k_{rg}
0.70	0.000	1.000
0.75	0.005	0.580
0.80	0.010	0.300
0.85	0.080	0.120
0.90	0.180	0.035
0.95	0.350	0.010
1.00	1.000	0.000

Relative Permeability for Sandstone

S_w	k_{rw}	k_{rg}
0.40	0.000	1.000
0.50	0.045	0.400
0.60	0.110	0.210
0.70	0.215	0.105
0.80	0.370	0.035
0.90	0.595	0.010
1.00	1.000	0.000

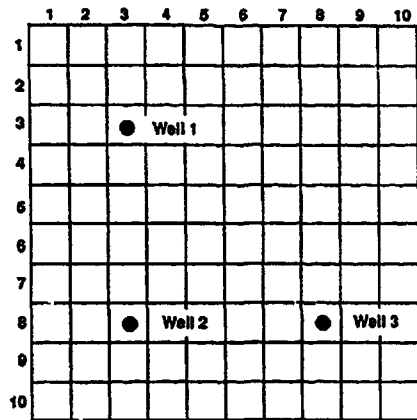


Fig. 1—Simulation grid.

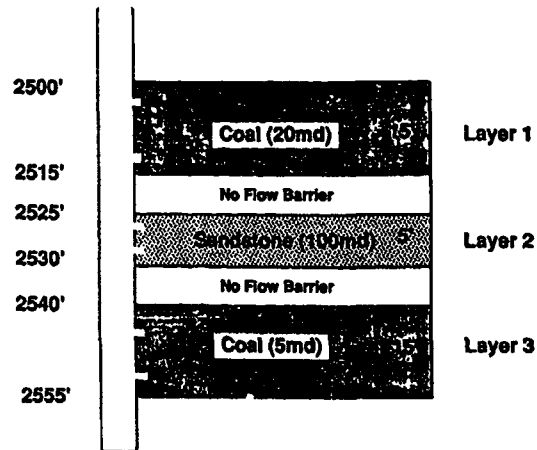


Fig. 2—Well completion schematic for Problem 1.

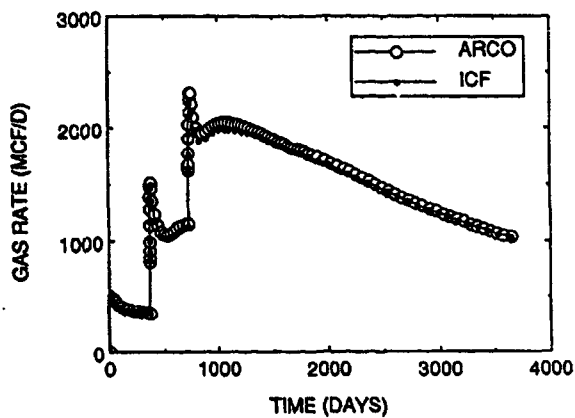


Fig. 3—Total gas production rate vs. time.

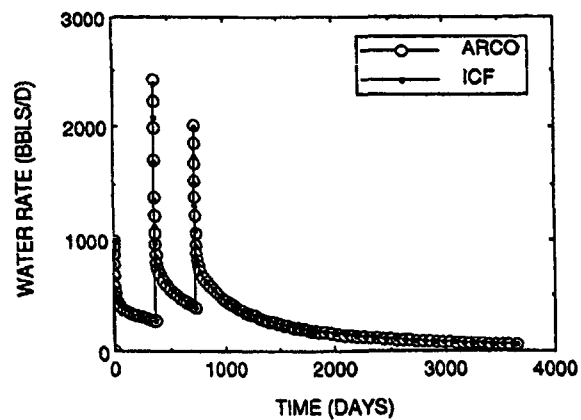


Fig. 4—Total water production rate vs. time.

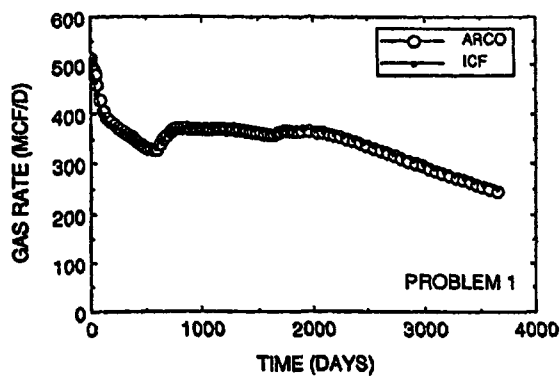


Fig. 5—Gas production rate for Well 1.

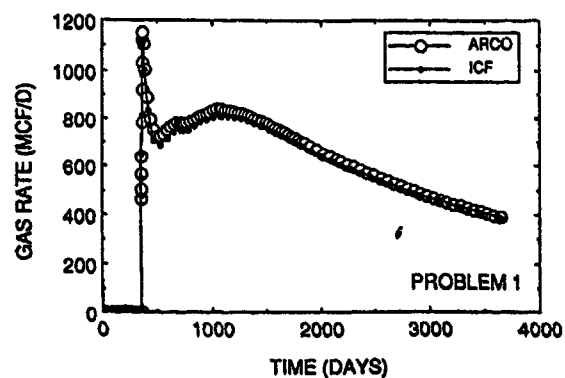


Fig. 6—Gas production rate for Well 2.

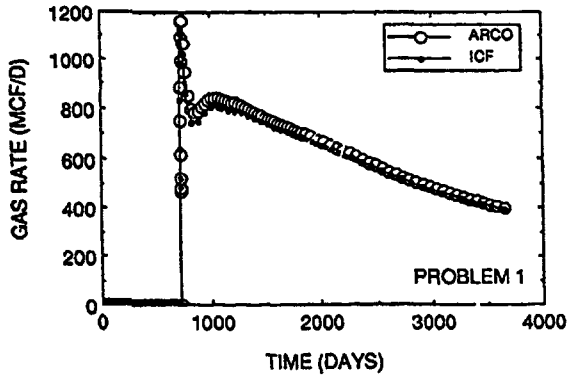


Fig. 7—Gas production rate for Well 3.

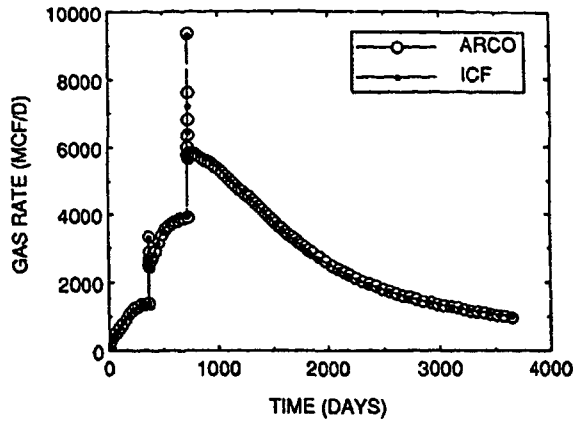


Fig. 8—Total gas production rate vs. time.

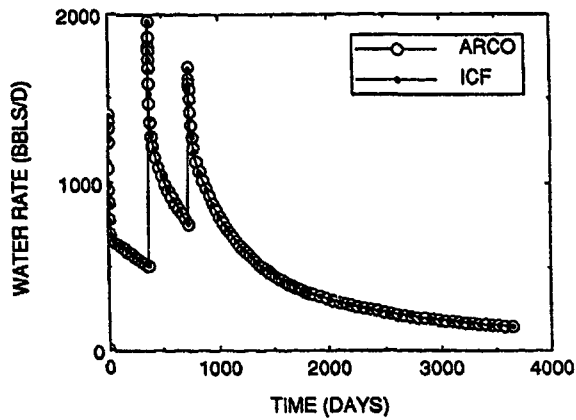


Fig. 9—Total water production rate vs. time.

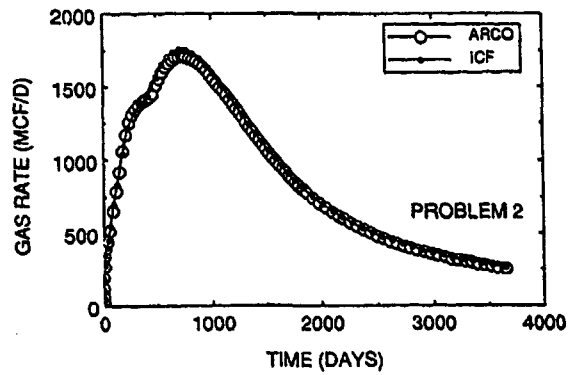


Fig. 10—Gas production rate for Well 1.

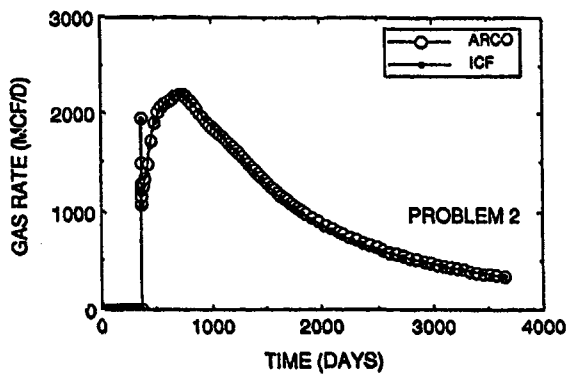


Fig. 11—Gas production rate for Well 3.

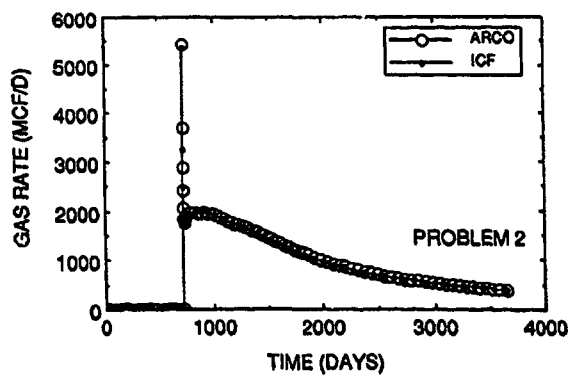


Fig. 12—Gas production rate for Well 3.

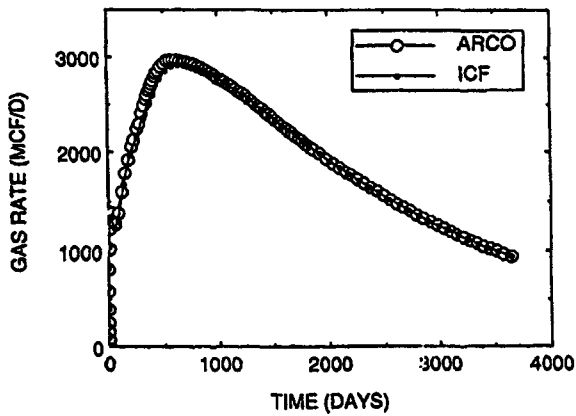


Fig. 13—Total gas production rate vs. time.

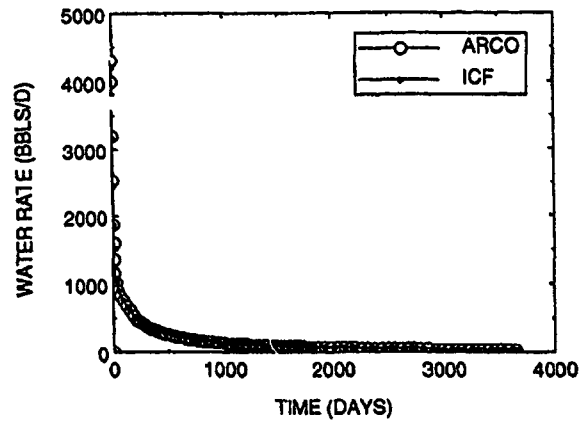


Fig. 14—Total water production rate vs. time.

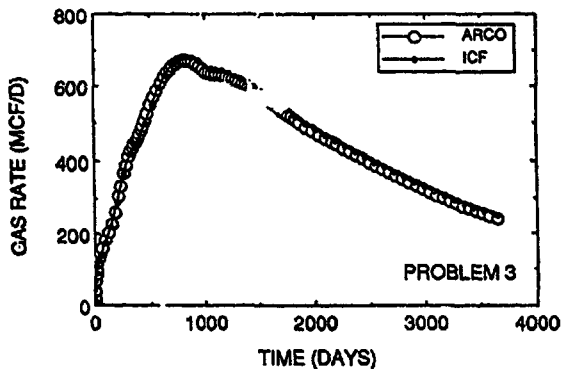


Fig. 15—Gas production rate for Well 1.

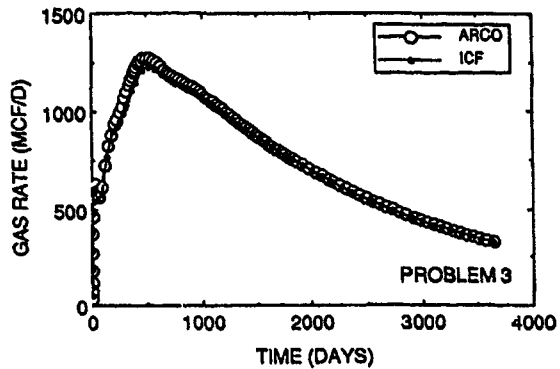


Fig. 16—Gas production rate for Well 2.

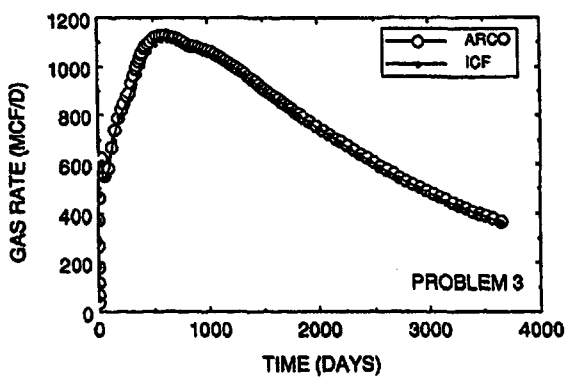


Fig. 17—Gas production rate for Well 3.

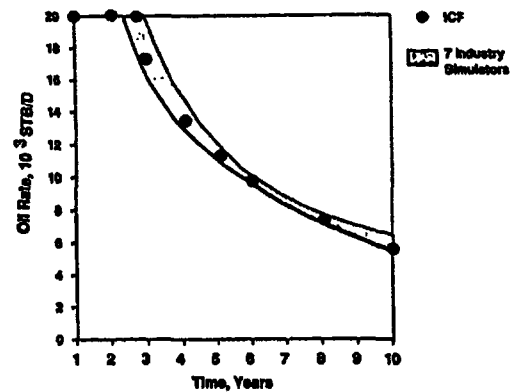


Fig. 18—Oil rate vs. time.

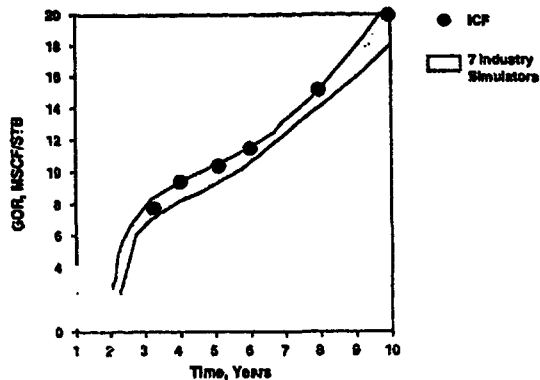


Fig. 19—GOR vs. time.

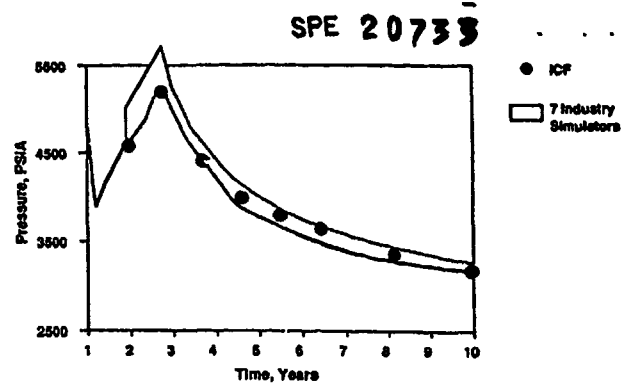


Fig. 20—Pressure vs. time for producing Well Cell 10,10,3.

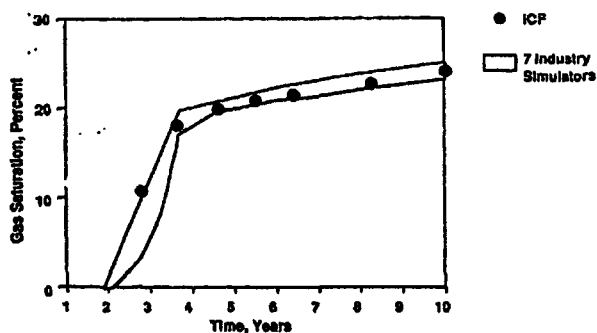


Fig. 21—Gas saturation vs. time for producing Well Cell 10,10,3.

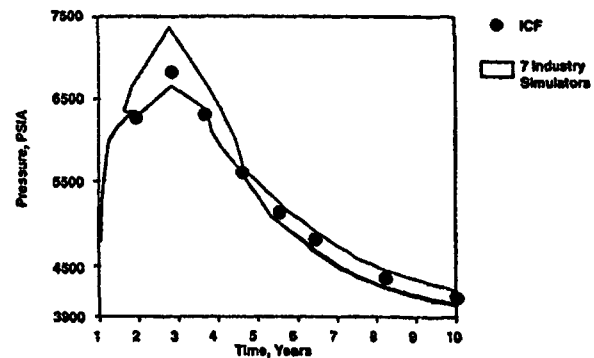


Fig. 22—Pressure vs. time for injection Well Cell 1,1,1.

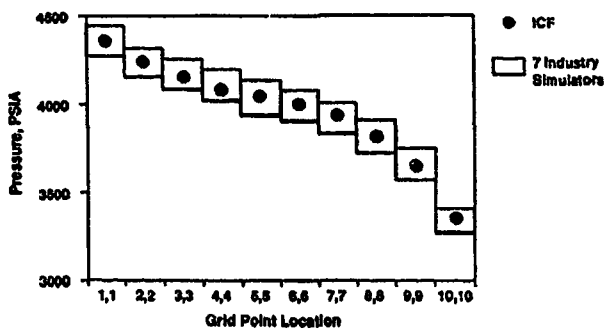


Fig. 23—Pressure vs. grid-point location, time = 8 years, top layer.

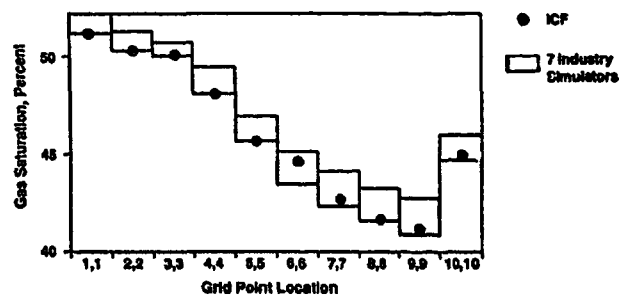


Fig. 24—Gas saturation vs. grid-point location, time = 8 years, top layer.

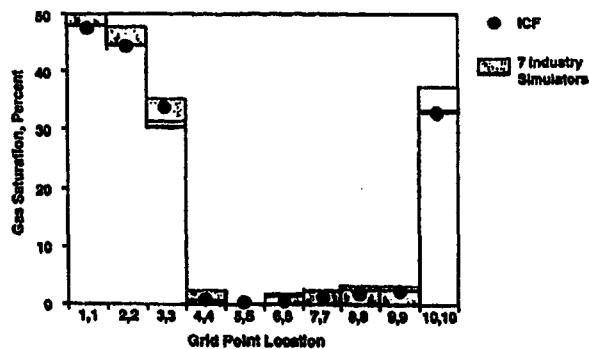
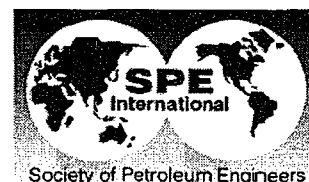


Fig. 25—Gas saturation vs. grid-point location, time = 8 years, middle layer.



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Advanced Large-Scale Coalbed Methane Modelling Using a Conventional Reservoir Simulator

Thomas Tan, SPE, T.T. & Associates Inc, PetroStudies Consultants Inc

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Abstract

A conventional reservoir simulator was modified to model coalbed methane reservoirs using the approach presented by Siedle where an immobile oil phase is used to represent the bulk coal and the gas volume adsorbed on the coal's surfaces is computed as solution gas-oil ratio. The simulator was validated against published results from coalbed methane models. The speed of the model was tested for a large problem with 120,000 cells. A dual grid system to model gas desorption, flow through low permeability matrix to high permeability fracture cleats in the coal seam was shown to more accurately reproduce initial delay in gas production while dewatering. Enhanced recovery using N₂ and CO₂ injection was simulated using single grid and dual grid systems. Expected incremental recovery of methane was obtained using the single grid system. However no additional recovery was obtained using the dual grid system due to extensive bypassing of the injected gas in the fracture grid system. This indicates additional physical mechanisms are at work.

Introduction

Coalbeds are naturally fractured volumes of coal with the fractures (cleats) usually filled with water. The coal seams have low porosity and low permeability and these micropore spaces too are usually water filled. The methane gas is adsorbed on the coal surfaces. When water is produced from the coalbeds, the pressure drops in the fractures and the coal micropores. The adsorbed gas is released, flows slowly

through the coal microporosity system and then to the high permeability cleats.

The classic method for modelling naturally fractured reservoirs is based on the Warren and Root⁽¹⁾ concept. The reservoir shape and volume is represented by a conventional grid cell system with high grid cell porosity and low permeability. The extensive fracture network system is represented by another set of grid cells of the same shape and volume and depth as the matrix grid system. These fracture grid system cells have a porosity such that the volume of the fracture cells is equivalent to the fracture capacity, and a permeability such that the fracture transmissibility based on the grid cell size is equivalent to the transmissibility of the small natural cracks. The two grid cell systems are connected by means of 'special connections' between each cell of the matrix grid system with the corresponding fracture cell in the fracture grid system in the same physical space. The special connection transmissibility is calculated based on formulas provided by Warren and Root⁽¹⁾, and other authors, Thomas *et al.*⁽²⁾, and this reflects the degree of fracturing or the number of cleats in the volume represented by each of the grid cells. If matrix permeability is present, this is referred to as a dual porosity-dual permeability model.

Modelling such connected dual grid systems presents severe mathematical difficulties. As an approximation, earlier coalbed methane models such as that presented by Sawyer⁽³⁾ *et al.*, and Paul⁽⁴⁾ *et al.* considered only one grid cell system representing the shape and size of the reservoir with fracture permeability and system porosity. The processes that occurred in the matrix system, (desorption and flow of gas through the micropores) are represented by user entered desorption time and diffusion coefficients and then equations presented in the references are used to calculate the amount of gas released into the grid cell system. The amount of gas adsorbed on the coal is described using Langmuir's isotherm.

In a recent paper, Reeves⁽⁵⁾ *et al.* extended the model presented by Sawyer⁽³⁾ to include the matrix grid system. Though the authors referred to it as a "triple porosity, dual permeability model", it is actually a dual porosity (matrix porosity and fracture porosity), dual permeability model, two

*Application of Richardson Operating Co.
Record on Appeal, 1549.*

phase (gas-water) model. Similarly their "dual porosity-single permeability" model is a single porosity model in conventional simulation. They present results that show the effect of the delay in gas production caused by the matrix grid system.

The models mentioned above were different from conventional black oil reservoir simulators in that an additional equation representing gas exchange between the coal matrix and the fracture system is necessary. Siedle⁽⁶⁾ et al. proposed simple data modifications to allow conventional reservoir models for coalbed methane simulation. He suggested using an immobile oil phase (extremely high viscosity and zero oil relative permeability) to represent the coal. The adsorbed gas volume is represented by the conventional solution gas-oil ratio term. The solution gas-oil ratio of this immobile oil is calculated from the Langmuir isotherm constants and coalbed properties. Additional simple modifications are required for the gas-water relative permeability curves and porosity to account for the immobile oil taking up the pore space and therefore affecting the magnitude of the gas and water saturations. The grid cell system used was a single porosity and permeability system representing the shape and size of the reservoir with fracture permeability and system porosity, just as in the model by Sawyer⁽³⁾. Since the gas released from solution gas in the oil (methane desorbing from the coal) was put directly into the grid system (cleats), this meant that the model represented the case where gas diffusion through the matrix was very rapid.

The question arises as to what advantages are obtained in using conventional reservoir simulators as opposed to specialized coalbed simulators. As Siedle points out, conventional reservoir simulators have been built to accommodate a large variety of geological reservoirs, with features such as multilayers, faults, pinchouts, aquifers, local grid refinement, and dual porosity-dual permeability grid systems. Such simulators also offer many well model options. In addition, some simulators may have compositional material balances allowing the use of additional hydrocarbon components for CO₂ and N₂ injection. Last but not least, often such commercial simulators may have user friendly pre and post processors for entering data and analysis of results. Many have 3D visualization capabilities as well.

In this paper, an independent implementation of Siedle's concepts into a commercial conventional reservoir simulator, Exodus, is investigated. The resulting model was compared against Siedle's results, and against results presented by Paul⁽⁴⁾. The speed of the model for large scale problem sizes with over 100,000 grid cells in 3 dimensions is tested. A dual porosity-dual permeability grid system was utilized to demonstrate the delay effect of the matrix in gas production. Enhanced coal bed methane recovery and carbon sequestration applications using N₂ and/or CO₂ injection are also presented.

Single Grid (Single Porosity) CoalBed Simulation

In many coalbeds, coal degasification is rate limited by the flow in the cleats. Under this scenario, a single porosity system is appropriate. The approach presented by Siedle for modifying conventional reservoir simulation data can be used. The equations presented in his paper describe the relationship between solution gas-oil ratio, R_s , and volume of adsorbed gas. We have made a very simple modification to account for varying porosities in the grid system and yet maintain constant coal gas content. In our implementation, we have built a user-friendly input data entry form for our conventional reservoir simulator to enter the Langmuir isotherm constants, a pseudo oil saturation for the coal, coal bed density and porosity. The table of equivalent R_s vs pressure is automatically computed. Several tables may be created representing varying Langmuir constants and coal properties, and these tables may be allocated to different grid cell regions. These cell regions may also have varying desorption pressures. The program will also automatically adjust saturations for the gas-water relative permeabilities using the equations presented by Siedle. Multiple sets of relative permeability curves may be entered and allocated to different reservoir areas.

To verify the implementation of the method, the two example problems given by Siedle were executed. Figures 1 and 2 show the comparison of our results with those in the published paper. Unfortunately, the results were different. We were unable to resolve the differences after much effort but validation of the Siedle method with other published papers as shown below leads us to conclude that most likely the printed paper had typographical errors in the data set descriptions.

In a paper published by Paul⁽⁴⁾, SPE 20733, simulation results were presented for 3 coalbed problems using models developed by ICF Resources Inc and Arco Oil and Gas Company. The paper reported excellent agreement between the two simulators. We attempted to run the problems to validate our simulator. We are thankful for the detailed problem descriptions and results provided in the reference. Our results in comparison with the published results are provided in Figures 3 to 17. With the Siedle approach, our conventional reservoir simulator was able to duplicate closely the results of the other two made-for-purpose coalbed methane simulators. This shows the validity of the Siedle approach in our independent implementation. The desorption times in the problems were of the order of 10 to 20 days. The similarity of our results, which essentially have zero desorption time, indicate that gas production in these problems are not desorption limited.

Large Scale Coalbed Methane modelling

For modelling of basin wide coal bed deposits, it has been indicated by Cox⁽⁷⁾ that commercial coalbed simulators may require significant computing time for larger 3 dimensional problems. He cites difficulties with cases of 10000 cells

(model dimensions of 100x100x1) for the commercial made-for-purpose coal bed simulators he compared. The behaviour of our conventional model for large scale coalbed modelling was investigated using a 120,000 cell model. This was created by extending the problem 1 of SPE20733 by 20 times in each of the I and J directions and replicating the well pattern. The resulting model had 200 x 200 x 3 cells with 1,200 wells. The model was run for 20 years. On a Pentium III 1Ghz computer, the problem was completed in under 50 minutes.

Dual Grid (Dual Porosity Matrix-Fracture) Coalbed Simulation

If the coalbed system is not extensively fractured, there could be a significant delay in methane production as the rate of flow of gas through the matrix is very slow and it will take time to get to the fracture system and be produced. Such reservoirs can be modeled using two connected grid domain systems located in the same physical space, one system representing the matrix, and one system representing the fractures, as described in the introduction as the Warren-Root approach. Figure 19 illustrates a dual grid system. Such a dual grid system can be quickly created using a template in our data pre-processor. Extending the Siedle approach, the matrix grid cells will initially have immobile oil (coal) with dissolved (adsorbed) gas and water. The fracture grid cells (cleats) will initially contain only water. As pressure drops due to dewatering, the gas will desorb from the immobile oil, and then move through the low permeability matrix to the high permeability fracture system. Where desorption of the gas has taken place prior to discovery of the coalbed reservoir, gas saturation could be initialized in both the matrix and fracture system.

As discussed by Reeves, the use of a dual grid system allows more flexible and potentially more accurate reservoir description. Matrix porosity, permeability, capillary pressure, and relative permeability data may be entered directly for the matrix grid system instead of an estimated composite value for a single grid system. The effect on gas rate and recovery due to ratio of fracture porosity and permeability vs matrix porosity and permeability can be investigated. In our simulator, areas of the fracture system can be made inactive to account for areas of the reservoir where there is little or no fracturing. Where there is fracturing, the magnitude of the inter-porosity flow coefficient describing the effect of varying fracture density can vary from region to region. In addition, the effect of pressure on porosity and permeability may be accounted for more rigorously. Palmer and Mansoori⁽⁸⁾ have provided a correlation where the matrix porosity and permeability increases as pressure drops. Conversely, in the cleats, the water pressure may hold open the cleats. As pressure drops due to dewatering, the fractures may close reducing fracture volume (porosity) and permeability. This may have a very significant effect on gas rate for deeper coalbeds. We can assign tables of pressure dependent porosity and permeability to different grid cell regions. In the matrix

grid system, we can assign tables where the porosity and permeability increase with increasing pressure as per Palmer and Mansoori. In the fracture grid system, we can assign tables where the porosity and permeability decrease with increasing pressure to investigate the effect of fracture closure.

To investigate the effect on producing gas and water rates with a dual grid system, a series of comparative runs were made. Table 1 shows the Runs made. The base case, Run S1, is Problem 1 of SPE 20733 with only one layer, the first layer, and only one well, Well 1, relocated to cell (5,5). This is a single grid system. Run D2 is a dual grid system, with the matrix grid system porosity allocated the porosity of Run S1 and the fracture grid system given a small porosity of 0.0001 fraction. The initial gas-in-place is the same in all the Runs and the initial water-in-place is very slightly larger due to the additional fracture porosity. These runs assume the cleat volume is very small compared with the coal bed matrix porosity volume. The fracture grid permeability is allocated the permeability, 20 md, of Run S1, and the matrix permeability is given a smaller value, 0.1 md. The fracture relative permeabilities are straight lines with saturation endpoints and maximum values of 0 and 1 as shown in Figure 18. Similar to Reeves, the matrix relative permeabilities are shown with reduced residual S_w at 0.55 and maximum K_{rg} as 0.3 as compared to those used in Run S1 which had residual S_w at 0.7 and maximum K_{rg} as 1.0. The curves used for Run S1 are shown as the composite curves.

The peak gas and water rates, cumulative gas and water rates are much higher in Run D2 than Run S1 as detailed in Table 1 and Figure 20. To understand this behaviour, a series of runs were made. Run S2 is a single grid system with the matrix relative permeabilities of run D1. Run S3 is a single grid system same as Run S1 but with straight line relative permeabilities from an S_{wr} of 0.7. Figure 21 comparing the single grid runs shows the gas rates increasing from Runs S2 to S1 to S3 as residual water saturations increase from 0.55 in Run S2 to 0.7 in Run S1 (reducing the amount of space the released gas can occupy) and as the water relative permeability curve straightens in Run S3 (increasing dewatering and reducing pressure thereby desorbing more gas). The effect of the set of matrix relative permeability curves compared to the composite curves is significant, delaying peak production considerably. This is due to the lower maximum K_{rg} of 0.3 and reduced residual water saturation allowing more free gas to remain in the pore system. The high rates achieved by the single grid Run S3 are comparable to the dual grid Run D2.

A fracture grid similar to that used in Run D2 was then attached to Run S1 (called Run D1) and to Run S3 (called Run D3). These three dual grid systems show the effect of a high permeability fracture grid coupled to the low permeability matrix for the three relative permeability types. Figure 22 comparing the dual grid runs shows the delay in gas rate

increases from Runs D3 to D1 to D2. Run D3 is almost identical to Run S3, both with straight line relative permeabilities, with a slight initial delay in gas production. The curved relative permeabilities of the matrix grid in Run D1 with same endpoints as the straight line relative permeabilities of the matrix grid in Run D3 further delay gas production but raises the peak gas rate. Run D2 shows that with matrix residual water reduced to 0.55 and with lower maximum K_{rg} of 0.3, gas production is further delayed as more gas is held in the matrix pore space.

In Run D4, a porosity of 0.01 was used for both the cleat and coalbed matrix grids. This made the cleat volume equal to the matrix pore volume. The total water-in-place and gas-in-place was unchanged. The relative permeabilities of Run D2 are used. Figure 23 shows the peak gas rate and cumulative gas production is almost halved compared to Run D2. The gas saturations are lower in the larger fracture water filled volume as more gas can be held in the fracture volume with residual saturation endpoints of 0 to 1 than in the matrix volume with endpoints 0.55 and 1. The mobile volume of water is higher with greater fracture volume.

It can be seen there is significant variation in recovery depending on the assumed relative permeability shapes and endpoints and the distribution of the pore volume between cleats and matrix. Certainly permeability of the matrix and fracture will affect the peak rates as well.

All these runs ran in less than 30 seconds on a Pentium III, 1 Ghz machine.

Enhanced CoalBed Methane Simulation (ECBM)

It has been postulated and supported by laboratory measurements that injecting nitrogen or carbon dioxide in a coal seam may help to improve coalbed methane recovery. In the case of nitrogen injection, the nitrogen reduces the partial pressure of methane in the gas phase thereby accelerating the desorption of methane from the coal surface. Some nitrogen will also be adsorbed on the coal surface. It has been estimated that the ratio of N₂ to CH₄ in the adsorbed state is 1:2. For CO₂ injection, the process is somewhat similar, though the ratio of CO₂ to CH₄ in the adsorbed state is 2:1, and the preferential adsorption of CO₂ adds value due to the potential for CO₂ sequestration. Several field pilots are under way and Reeves⁽⁵⁾ *et al.* have written many papers on the subject.

Our conventional reservoir simulator is based on compositional material balances and we can initialize and inject multiple components. The model has an "active component" concept, whereby during the solution process, equations (material balances) for only the components actually present in a grid cell are created and solved for. The phase behaviour of the components is based on equilibrium ratios (K values). Any component can exist in any phase (oil, gas or water). From entered data of solubility of a component in any

phase, the model will internally calculate the K values and mole fractions of the component in the specified phase as a function of pressure. The phase properties are computed based on conventional molar mixing laws. For each component then, if it exists in a particular phase, we have to supply the volume of the component in that phase and its viscosity in that phase. For simulating N₂ and/or CO₂ injection, we enter in our coalbed methane PVT tables, the solution gas-oil ratio of these components, their gas formation volume factors (Bg) and gas phase viscosities as a function of pressure. The N₂ and CO₂ solution gas-oil ratios may be calculated from Langmuir isotherms. These PVT tables may be allocated to different regions of the reservoir reflecting different Langmuir isotherms. In the runs that follow, we entered solution gas-oil ratios for CO₂ simply as a multiple of 2 of the solution gas-oil ratios computed for the CH₄ from the Langmuir isotherm using Siedle's method. Similarly, the solution gas-oil ratios for N₂ were half of those of the CH₄ in accordance with the observed ratio of CO₂-CH₄-N₂ adsorptions.

Single Grid ECBM Simulation

Reeves in his paper presented modelling results for N₂ and CO₂ injection for enhanced coalbed methane recovery. A 5-spot pattern was assumed and after a period of 5 years of primary production from the corner wells, N₂ or CO₂ injection was started in the center well. We used the same PVT and reservoir parameters as from the runs (Run S1) above and created our 5 spot model using our pre-processor templates. From the initial shape of the gas production curve in Reeves' paper, we suspect that it was a single porosity grid system in our conventional modelling terminology as it did not show the delay in initial gas production typical of dual grid systems as discussed above. We present the results of 3 runs using a single porosity grid system in Figure 24, and Table 2, ie a base case with primary depletion, and a case each where N₂ or CO₂ are injected at 250 Mcf/d. On initiation of injection, the methane production rate decline stops and the gas rate increases as the injected gas sweeps methane gas to the producers and the overall pressure in the system is higher than in the base case increasing deliverability pressure. The water production rate also increases as higher pressure due to injection pushes more water to the producers. The shapes of the gas rate profiles for the enhanced N₂ and CO₂ injection are very similar to those presented by Reeves. The N₂ content of the produced gas is about 2% after 2 years of injection and rises to 100% after 15 years of injection. Essentially all the methane originally in place is displaced by the N₂. The grid system is completely gas filled and sweep efficiency is 100%. For CO₂ injection, CO₂ content in the produced gas is 2% after 5 years of injection and rises to 80% after 15 years of injection.

The execution time of these runs with the additional injected component was less than 30 seconds on a PIII, 1 Ghz machine.

Dual Grid ECBM Simulation

A dual grid model was set up, with matrix and fracture properties, relative permeabilities just as the dual grid Run D2 described above. Again the initial gas-in-place is the same as in the single grid run, the initial water-in-place is very slightly larger due to the additional fracture porosity assuming the cleat volume is very small compared with the coal bed matrix porosity volume. 3 runs were made just as the Single Grid ECBM runs above. The results are presented in Figure 25 and Table 3.

The results are quite different. The base case without injection shows the initial delay in gas production due to passage of the desorbed gas through the matrix porosity system to the fracture grid system. However with injection of either of N₂ and CO₂, rapid breakthrough occurs with produced gas content of N₂ and CO₂ rising to 75% almost immediately. No adsorption of either CO₂ or N₂ takes place as the fracture grid provides a high conductivity, low volume path from injector to producers. There is no coal in the fracture grid system to adsorb either CO₂ or N₂. Almost all the CO₂ or N₂ injected is produced as the fracture grid volume is very small. The pressure in the low permeability matrix grid system is higher than the fracture grid system throughout the 5 spot model and so there is no flow of CO₂ or N₂ to the matrix grid system. There is less methane gas produced as the pressure level in the system is higher due to injection leading to less methane desorbed from the coal.

We can delay breakthrough of the injected gases by reallocating porosity between matrix and fracture. We can assign some coal content to the fracture grid to account for some adsorption of CO₂ or N₂ on coal faces in the fracture contacted by the injected gas as it sweeps through the fractures. However the pressure is always higher in the matrix than fracture and there is no countercurrent flow of CO₂ or N₂ from fracture into the bulk of the coal matrix in the conventional simulator used in this study. Obviously further physical mechanisms have to be incorporated into this simulator to properly account for these discrepancies between the single grid and dual grid simulations. This work will be presented in another paper.

Conclusions

1. The Siedle method of modifying conventional simulators for coalbed methane modelling has been independently verified by comparison with published results for coalbed simulators.
2. Large 3D models for coalbed fields may be run in hours on personal computers.
3. The conventional dual grid approach for matrix-fracture simulation may be used to provide more flexibility and accuracy for coal matrix-cleats modelling.
4. Single grid simulations of ECBM using this conventional simulator show expected increased methane recovery and adsorption of CO₂ and N₂.
5. Dual grid simulations of ECBM indicate rapid breakthrough of the injected gas through the fracture grid and bypass of the coal matrix resulting in no adsorption. Further physics have to be incorporated in the conventional simulator used.

Acknowledgements

The advice and encouragement of Mr Walt King, P.E., is gratefully acknowledged.

Nomenclature

B_g = Gas formation volume factor
 K = equilibrium ratio
 K_{rg} = relative permeability to gas
 R_s = Solution Gas-Oil Ratio
 S_w = water saturation
 S_{wr} = residual water saturation

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SI Metric Conversion Factors

$\text{ft}^3 \times 2.831685$ $\text{E-2}=\text{m}^3$
 $\text{bbl} \times 1.589873$ $\text{E-1}=\text{m}^3$

Table 1 – Comparison of Single Grid and Dual Grid Simulations

Run - Grid System	Fracture Grid		Matrix Grid			Results					
	Porosity	Perm	Porosity	Perm	Relative Perm	GIP MMcf	WIP MBbls	Cum Gas MMcf	Cum Water MBbls	Peak Gas Rate Mcf/d	Peak Water Rate Bbl/d
S1 -Single Grid			0.02	20	Swr = 0.7, Curved, Krg(Swr) = 1	7656	1486	1895	246	330	116
S2 -Single Grid			0.02	20	Swr = 0.55, Curved, Krg(Swr) = .3	7656	1486	619	330	140	110
S3 -Single Grid			0.02	20	Swr = 0.7, Straight, Krg(Swr) = 1	7656	1486	4248	364	1239	264
D1 - Dual Grid	0.0001	20	0.02	0.1	Swr = 0.7, Curved, Krg(Swr) = 1	7656	1494	4379	298	1555	308
D2 - Dual Grid	0.0001	20	0.02	0.1	Swr = 0.55, Curved, Krg(Swr) = .3	7656	1494	4103	466	1239	314
D3 - Dual Grid	0.0001	20	0.02	0.1	Swr = 0.7, Straight, Krg(Swr) = 1	7656	1494	4208	369	1259	289
D4 -Dual Grid	0.01	20	0.01	0.1	Swr = 0.55, Curved, Krg(Swr) = .3	7656	1486	2745	560	511	196

Table 2 - Single Grid 5 spot pattern recoveries (MMcf) from N2/CO2 injection

	Base Case	N2 Injection	CO2 injection
Initial Methane In Place	957	957	957
Total Gas Produced	632	1992	1131
Total Methane	632	957	885
Total N2 or CO2 Produced	0	1035	246
Total N2 or CO2 injected	0	1368	1368

Table 3 - Dual Grid 5 spot pattern recoveries (MMcf) from N2/CO2 injection

	Base Case	N2 Injection	CO2 injection
Initial Methane In Place	957	957	957
Total Gas Produced	533	1780	1131
Total Methane	533	411	411
Total N2 or CO2 Produced	0	1368	1368
Total N2 or CO2 injected	0	1369	1369

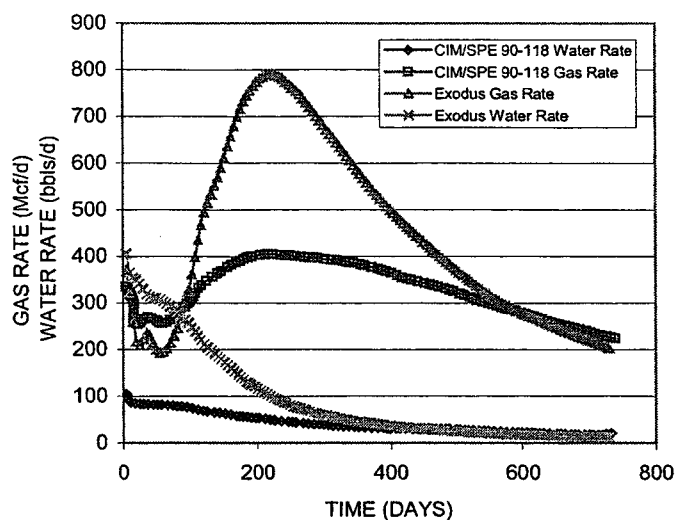


Figure 1 - CIM/SPE 90-118 Example Problem

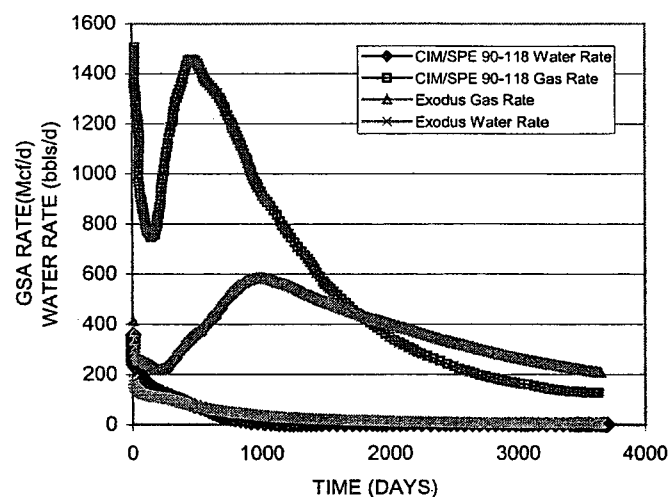


Figure 2 - CIM/SPE 90-118 Comparison Problem

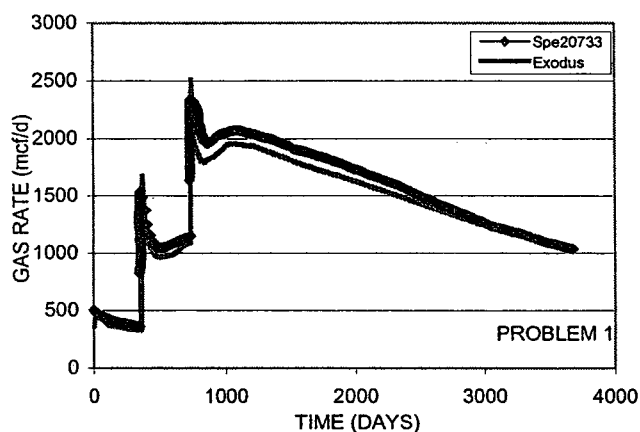


Figure 3 - Total gas production rate vs Time

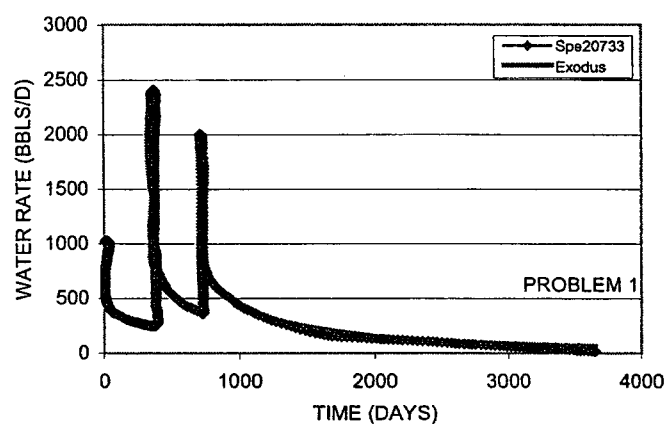


Figure 4. - Total Water Production vs. Time

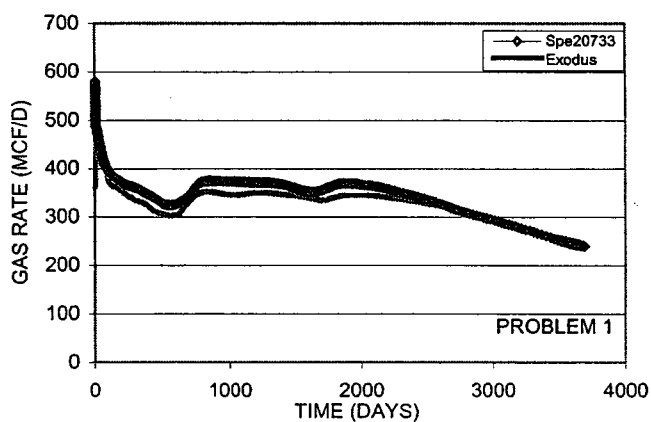


Figure 5 - Gas production Rate for Well 1

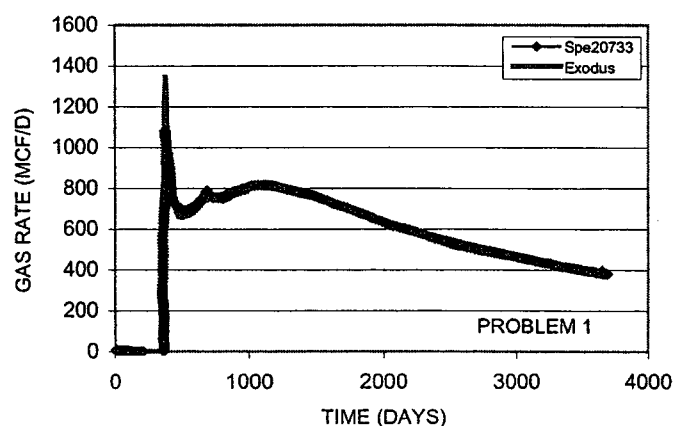


Figure 6 - Gas Production Rate for Well 2

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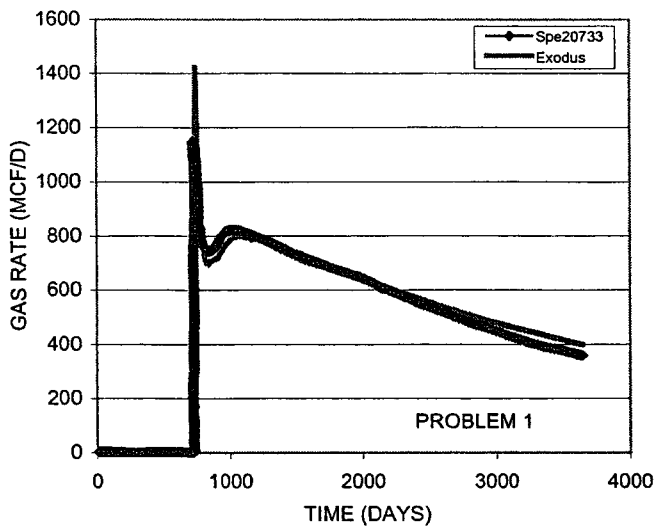


Figure 7 - Gas production Rate for Well 3

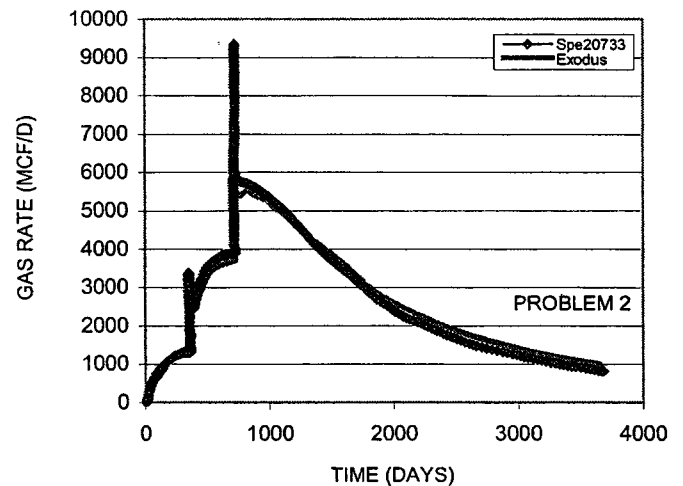


Figure 8 - Total Gas Production Rate vs. Time

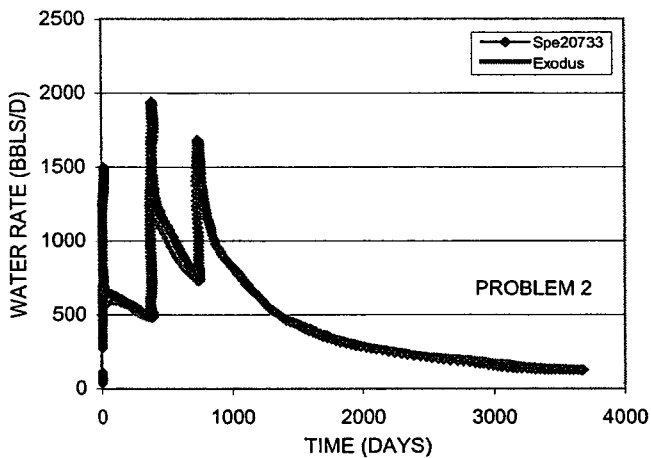


Figure 9 - Total Water production Rate vs. Time

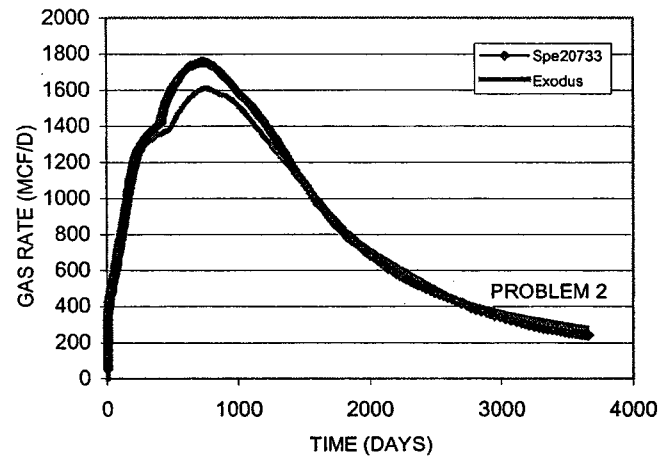


Figure 10 - Gas Production Rate for Well 1

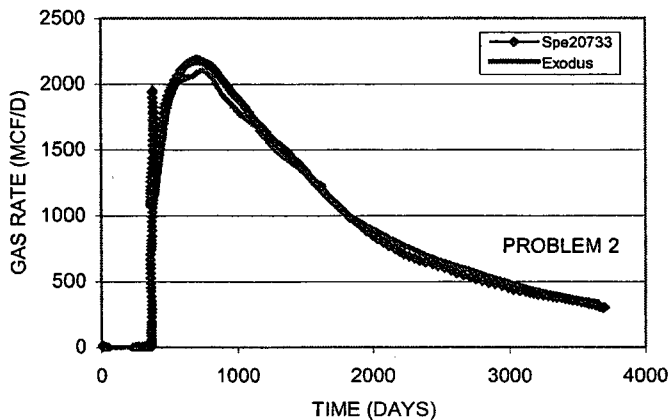


Figure 11 - Gas Production Rate for Well 2

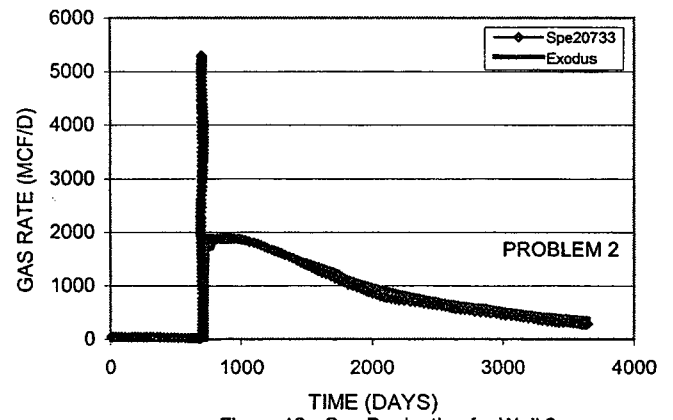


Figure 12 - Gas Production for Well 3

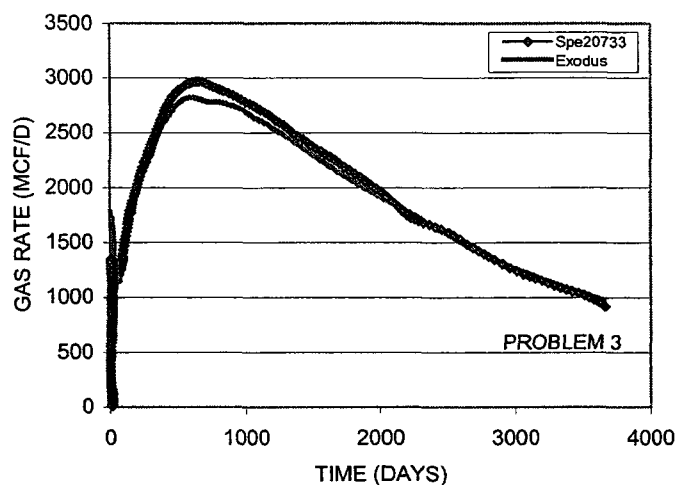


Figure 13 - Total Gas Production vs. Time

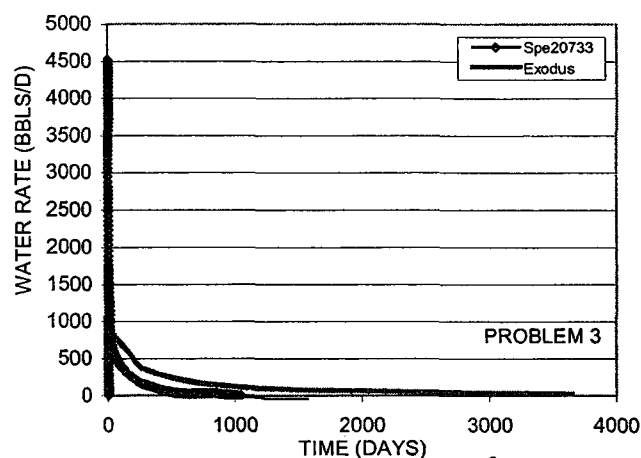


Figure 14 - Total Water Production Rate vs. Time

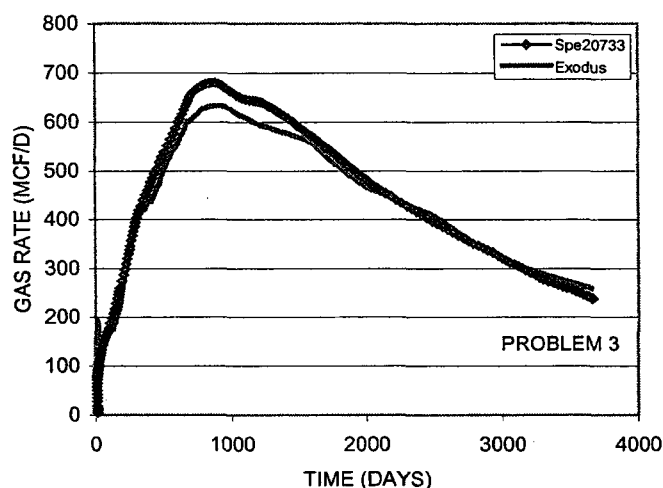


Figure 15 - Gas Production Rate for Well 1

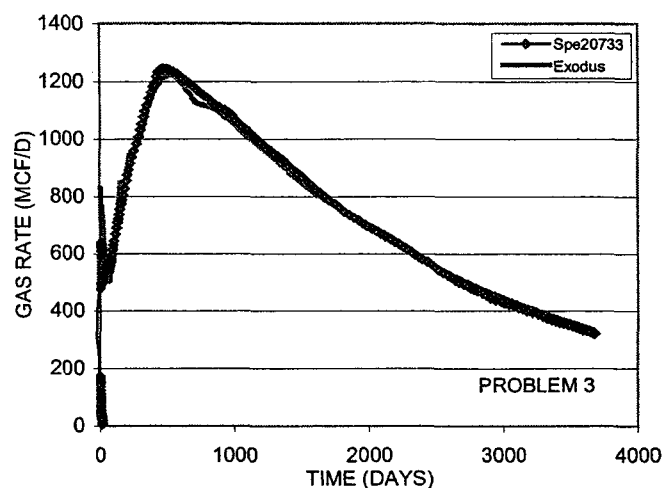


Figure 16 - Gas Production Rate for Well 2

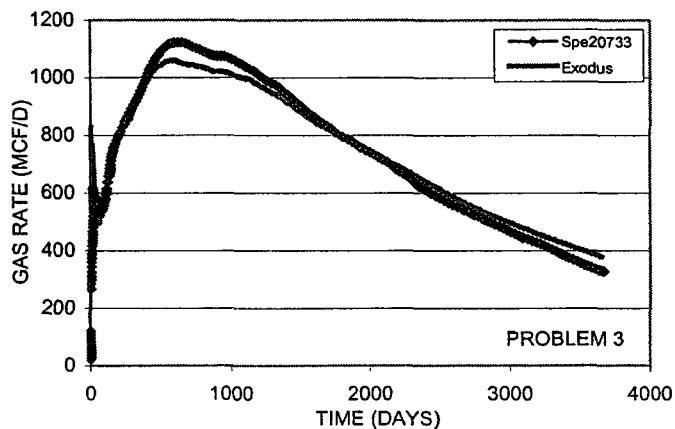


Figure 17 - Gas Production Rate for Well 3

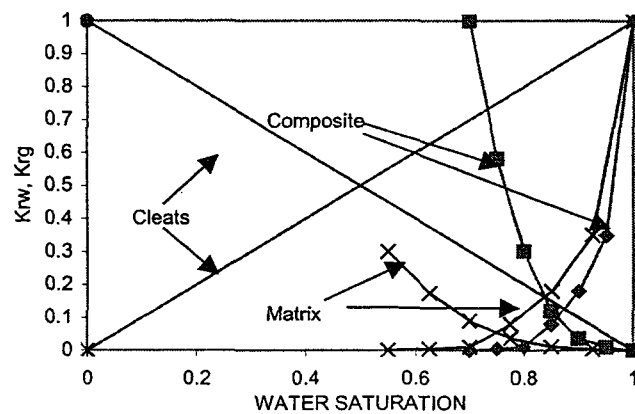


Figure 18 - Relative Permeability Curves

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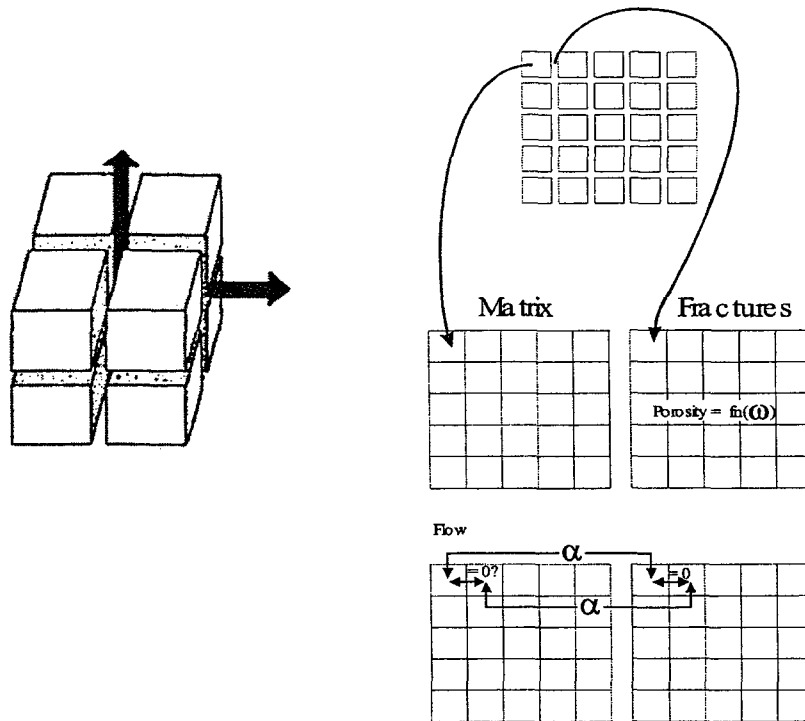


Figure 19 – Schematic of Dual Grid System

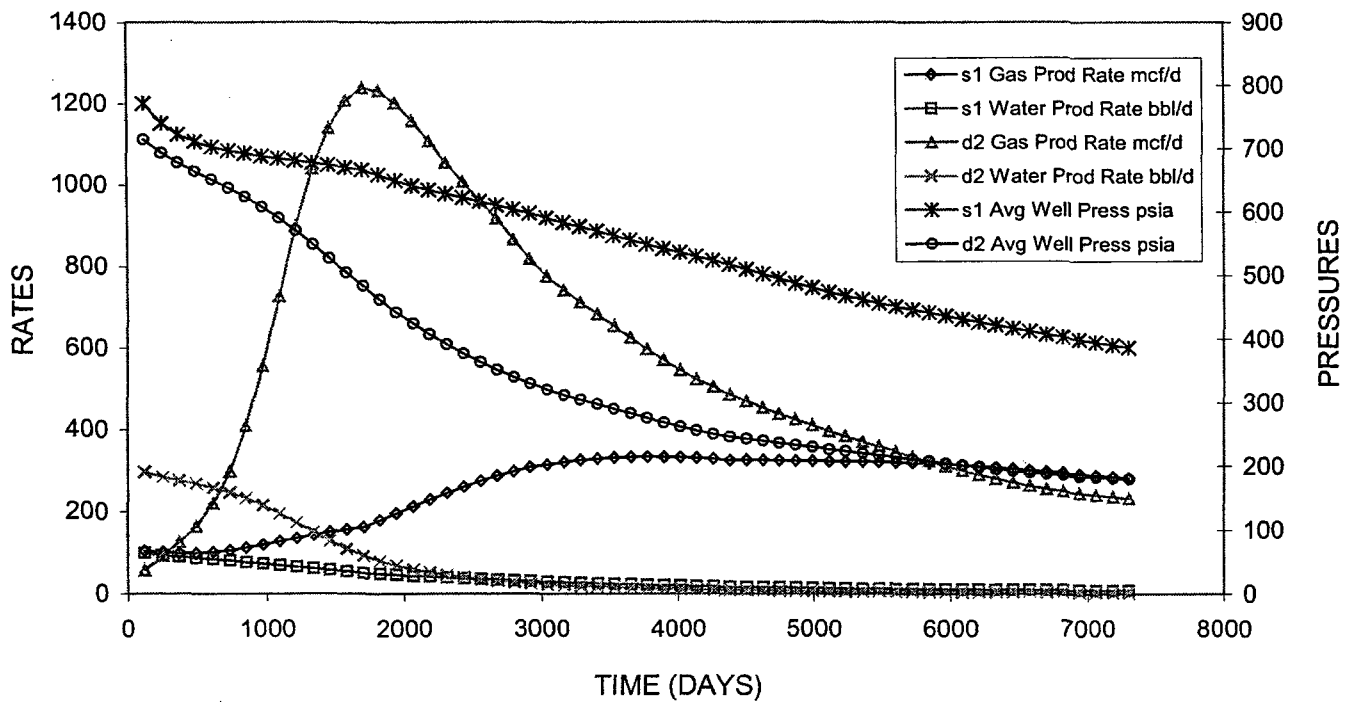


Figure 20 - Compare Single Grid vs. Dual Grid

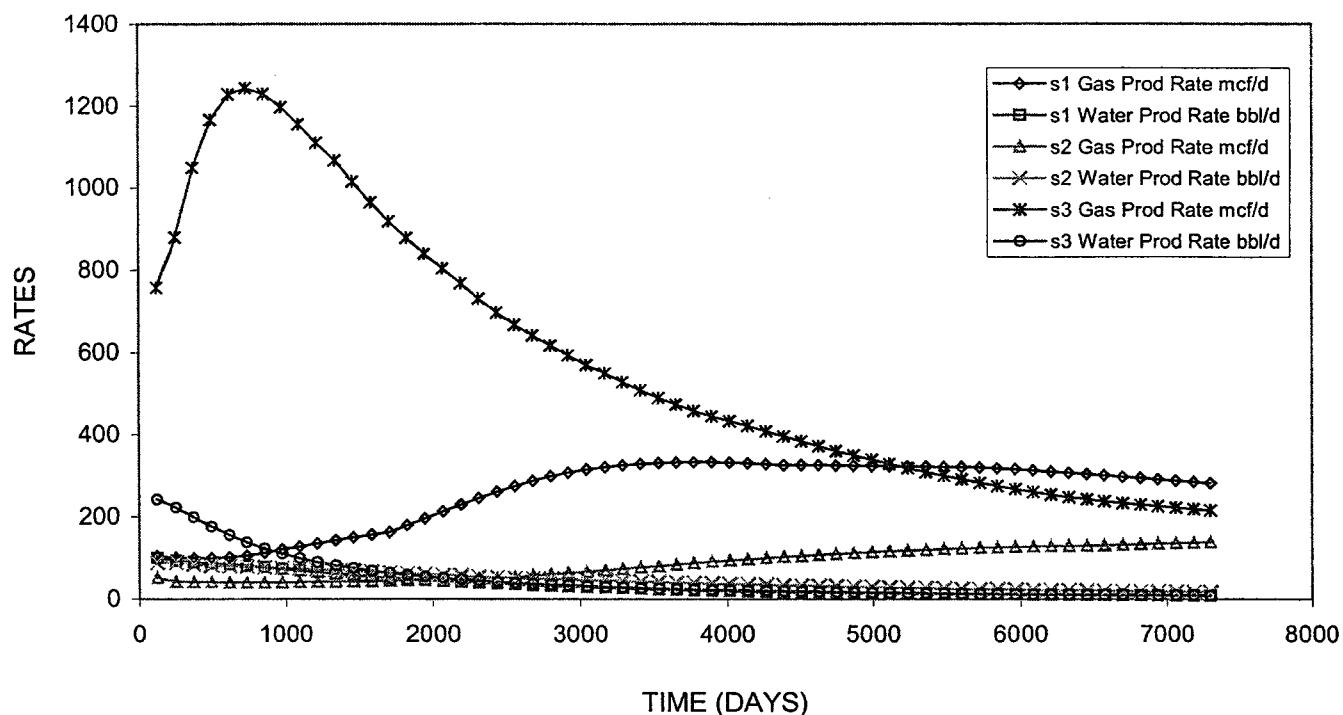


Figure 21 - Comparisons of Single Grid Varying Relative Permeabilities

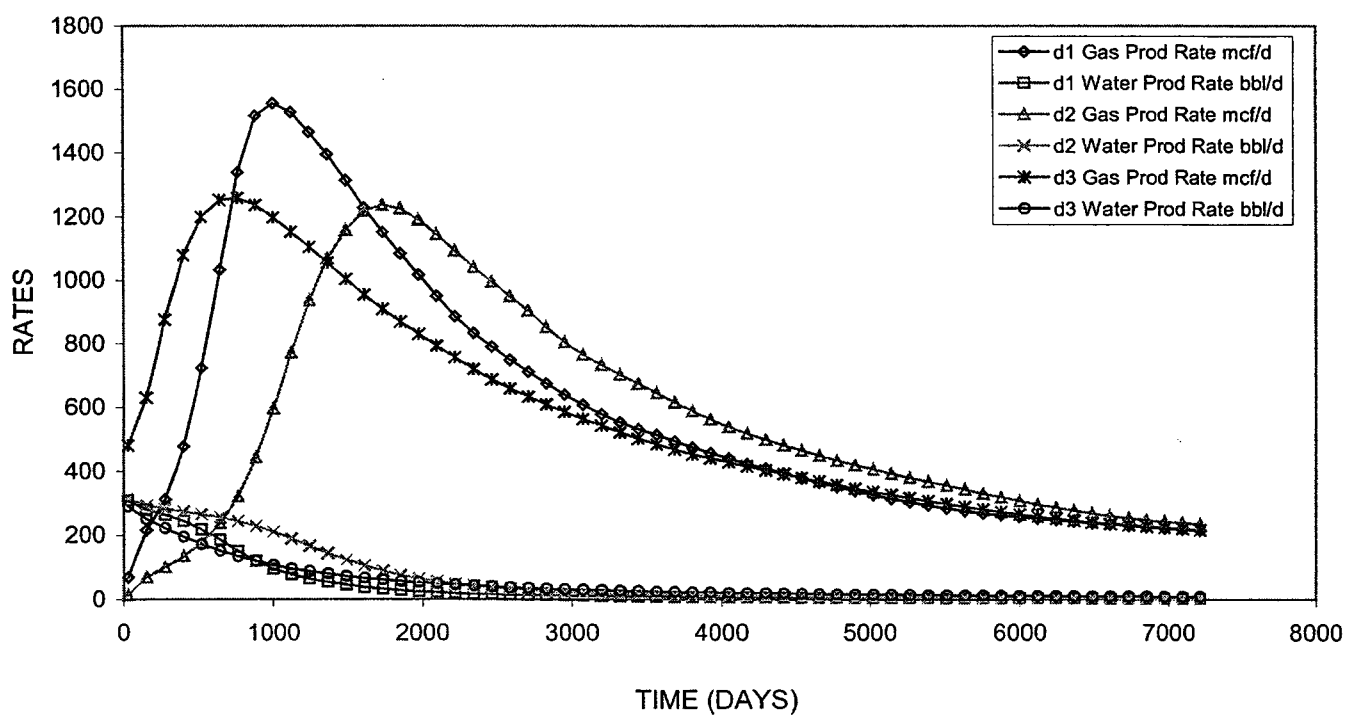


Figure 22 - Dual Grid - Varying relative permeabilities in Matrix grid

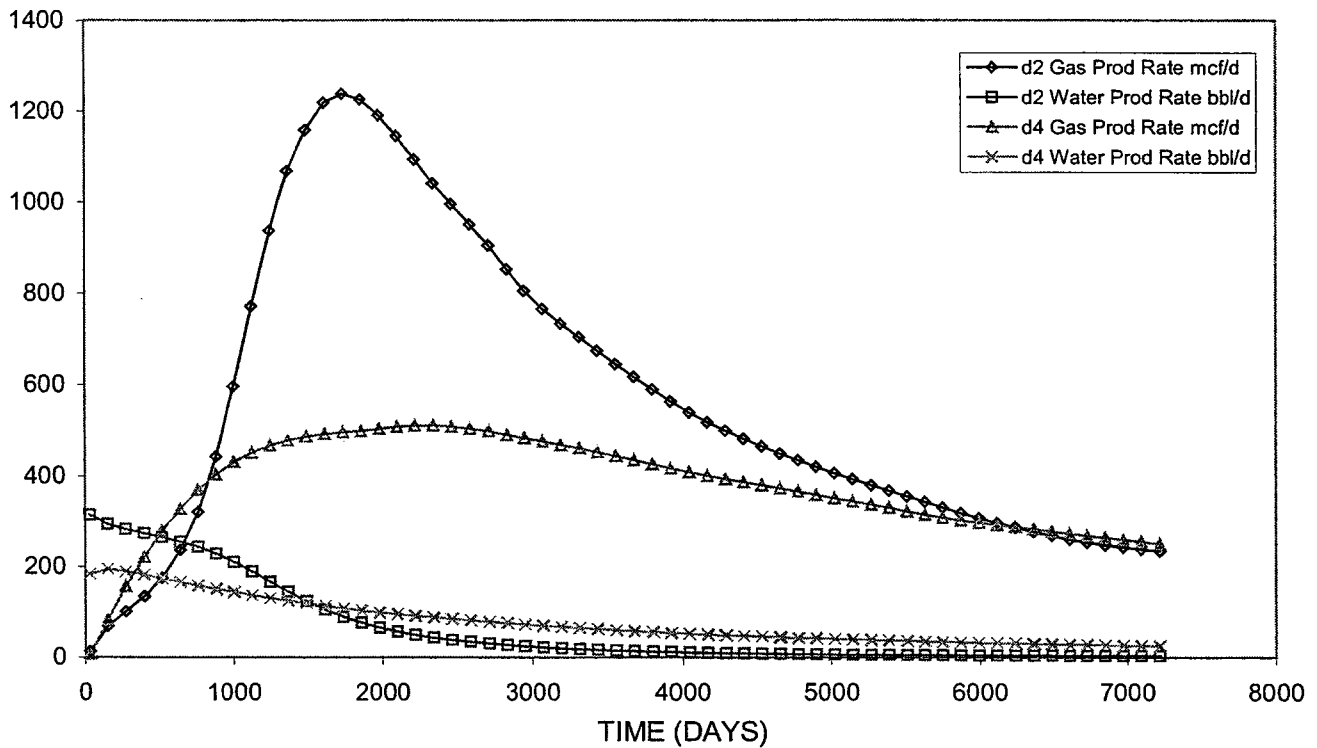


Figure 23 - Dual Grids, Total volume same, Varying Fracture Volume

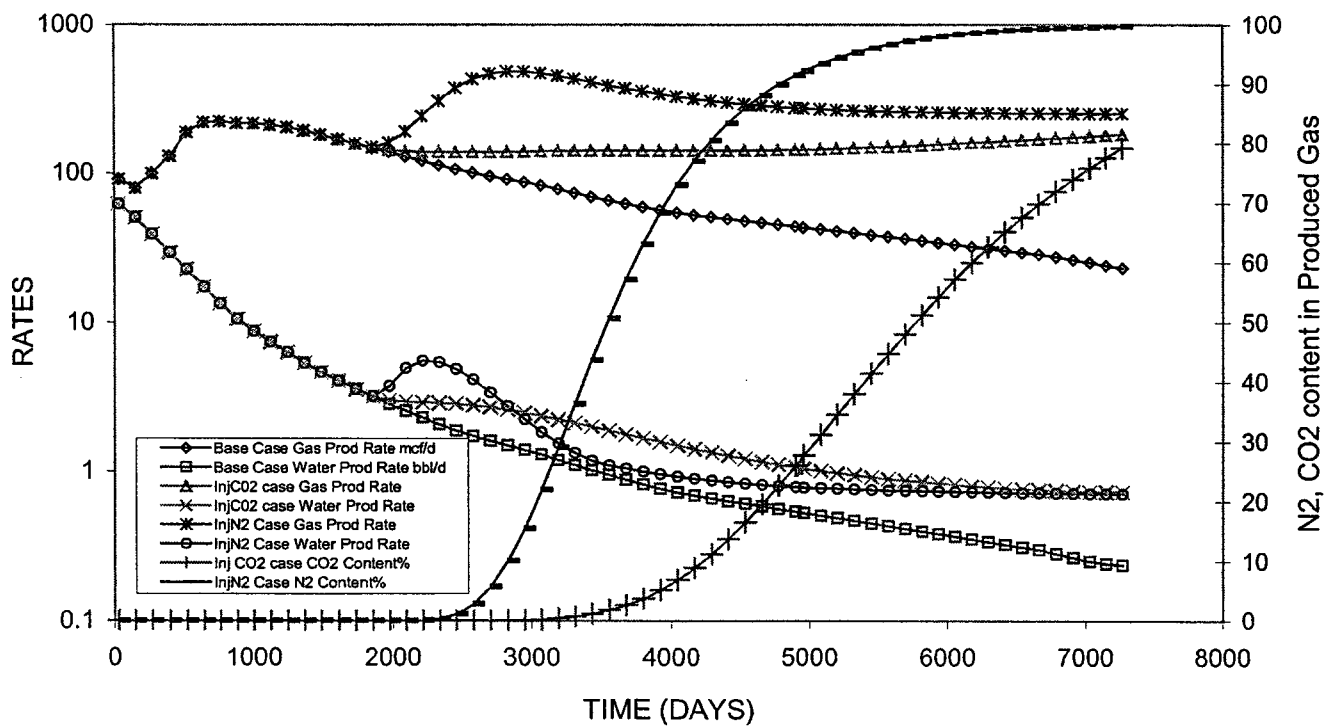


Figure 24 - Single Grid Response to N2, CO2 injection

*Application of Richardson Operating
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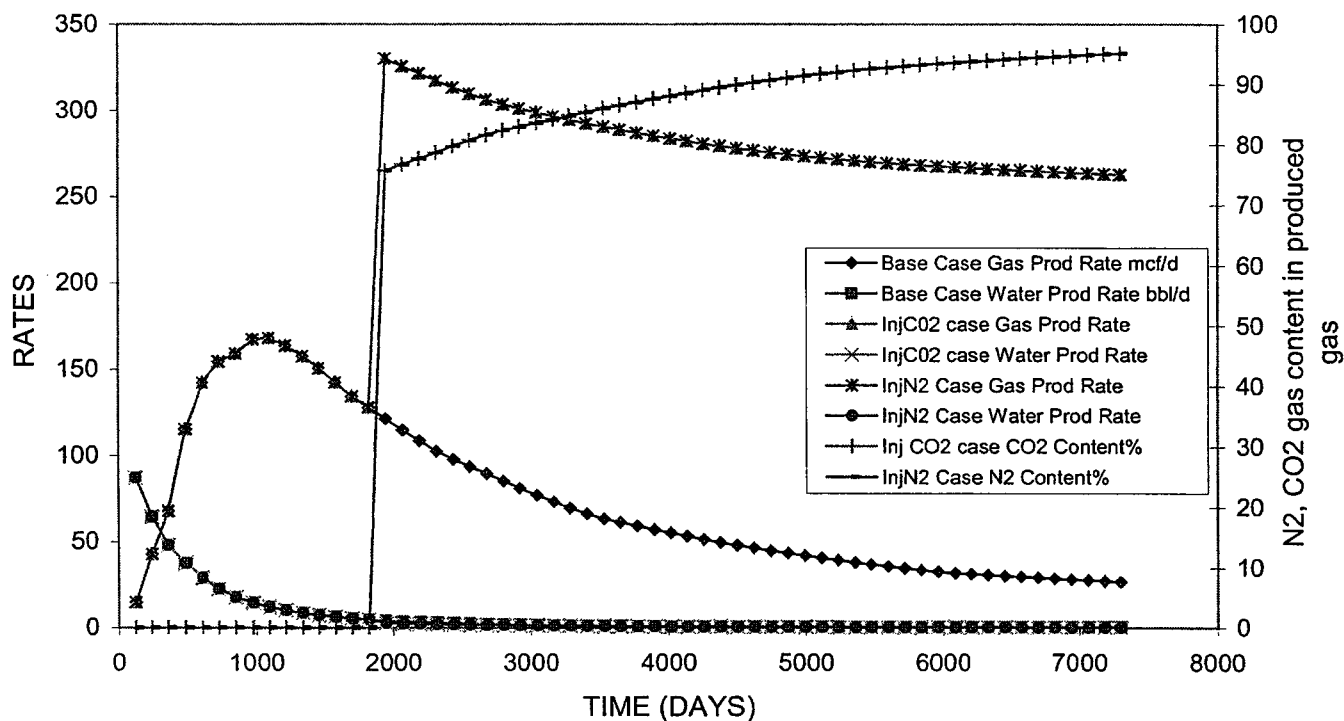


Figure 25 - Dual Grid Response to N2, CO2 injection