

# KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

(See Instructions on Reverse Side)

- Open Flow  
 Deliverability

Test Date: 10-6-2002 API No. 15-023-20436-00-00

Company <u>Rosewood Resources Inc.</u>		Lease <u>Bucholtz</u>		Well Number <u>1-14</u>	
County <u>Cheyenne</u>	Location <u>SW, NW</u>	Section <u>14</u>	TWP <u>3S</u>	RNG (EW) <u>41 W</u>	Acres Attributed
Field <u>Cherry Creek</u>		Reservoir <u>Niobrara</u>		Gas Gathering Connection <b>RECEIVED</b>	
Completion Date <u>6-4-2002</u>		Plug Back Total Depth <u>1506</u>		Packer Set at <u>none</u>	
Casing Size <u>4.5"</u>	Weight <u>10.5 #</u>	Internal Diameter <u>4.052"</u>	Set at <u>1508'</u>	Perforations <u>1352</u>	<b>KCC WICHITA</b> <u>1392</u>
Tubing Size <u>2-3/8</u>	Weight <u>4.6 #</u>	Internal Diameter <u>1.995"</u>	Set at <u>1419'</u>	Perforations	To
Type Completion (Describe) <u>Flowing</u>		Type Fluid Production <u>Gas</u>		Pump Unit or Traveling Plunger? Yes / <input checked="" type="radio"/> No	
Producing Thru (Artificial / Tubing) <u>Tubing</u>		% Carbon Dioxide		% Nitrogen	Gas Gravity - G <sub>g</sub> <u>0.6</u>
Vertical Depth(H) <u>1550'</u>		Pressure Taps		(Meter Run) (Prover) Size	
Pressure Buildup: Shut in <u>6/5</u> 20 <u>02</u> at <u>7:00</u> <input checked="" type="radio"/> (AM) (PM) Taken <u>10-6</u> 20 <u>02</u> at <u>7:00</u> <input checked="" type="radio"/> (AM) (PM)					
Well on Line: Started <u>10/22</u> 20 <u>02</u> at <u>7:00</u> <input checked="" type="radio"/> (AM) (PM) Taken <u>10-23</u> 20 <u>02</u> at <u>7:00</u> <input checked="" type="radio"/> (AM) (PM)					

### OBSERVED SURFACE DATA

Duration of Shut-in 1512 Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in inches H <sub>2</sub> O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>i</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>i</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-in						<u>280</u>	<u>294.4</u>				
Flow	<u>1 1/4</u>					<u>166</u>	<u>180.4</u>	<u>56</u>	<u>70.4</u>	<u>24</u>	<u>54</u> wtr

### FLOW STREAM ATTRIBUTES

Plate Coefficient (F <sub>d</sub> ) (F <sub>v</sub> ) Mcfd	Circle one: Meter Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	Gravity Factor F <sub>g</sub>	Flowing Temperature Factor F <sub>t</sub>	Deviation Factor F <sub>pv</sub>	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G <sub>m</sub>
	<u>36.4</u>					<u>71</u>		

### (OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P<sub>o</sub>)<sup>2</sup> = \_\_\_\_\_ : (P<sub>w</sub>)<sup>2</sup> = \_\_\_\_\_ : P<sub>g</sub> = \_\_\_\_\_ % (P<sub>c</sub> - 14.4) + 14.4 = \_\_\_\_\_ : (P<sub>g</sub>)<sup>2</sup> = 0.207  
(P<sub>g</sub>)<sup>2</sup> = \_\_\_\_\_

(P <sub>o</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> or (P <sub>c</sub> ) <sup>2</sup> - (P <sub>g</sub> ) <sup>2</sup>	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2: 1. P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>g</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	LOG of formula 1. or 2. and divide by: $\frac{P_c^2 - P_w^2}{P_c^2 - P_g^2}$	Backpressure Curve Slope = "n" ----- or ----- Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)

Open Flow Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 5 day of JAN, 20 05.

\_\_\_\_\_  
Witness (if any)

\_\_\_\_\_  
For Company

\_\_\_\_\_  
For Commission

\_\_\_\_\_  
Checked by

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator \_\_\_\_\_ and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.

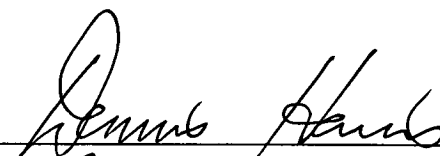
I hereby request a one-year exemption from open flow testing for the \_\_\_\_\_ gas well on the grounds that said well:

(Check one)

- is a coalbed methane producer
- is cycled on plunger lift due to water
- is a source of natural gas for injection into an oil reservoir undergoing ER
- is on vacuum at the present time; KCC approval Docket No. \_\_\_\_\_
- is not capable of producing at a daily rate in excess of 250 mcf/D

I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.

Date: 1/5/05

Signature:   
Title: Reservoir Engr.

**Instructions:** If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption **IS** denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.

Spud 5/1/2002 Test start 10/6/2002 First Prod 12/19/2002  
 Compl 6/4/2002 Test End 11/7/2002 Last Prod 12/15/2004

Note: All 1445 bbls load water from frac accounted for as of 10/23/2002

Well continued to make water. Pumper tracked daily water for 1 year  
 Essbase does not track water.

Actual  
 BUCHOLTZ 01-14

Date	Gas	Water	Csg Press	Tbg Press	Line Press	Hrs	Comment
6/5/2002					WOPL		Completion Shut-in
10/1/2002					WOPL		
10/2/2002					WOPL		
10/3/2002					WOPL		
10/4/2002					WOPL		
10/5/2002					WOPL		
10/6/2002	0.0		280		WOPL		G-2 Exempt SI taken
10/7/2002	90.0		70		WOPL	14	test
10/8/2002	71.0		50		WOPL		test
10/9/2002	77.0		42		WOPL		test
10/10/2002	66.0	0.0	38		WOPL		test
10/11/2002	59.0	0.0	34		WOPL		test
10/12/2002	54.0	0.0	32		WOPL		test
10/13/2002	50.0	0.0	30		WOPL		test
10/14/2002	47.0	0.0	30		WOPL		test
10/15/2002	45.0	0.0	28		WOPL		test
10/16/2002	45.0	0.0	38		WOPL		test
10/17/2002	44.0	0.0	20		WOPL		test
10/18/2002	41.0	0.0	22		WOPL		test
10/19/2002	40.0	0.0	20		WOPL		test
10/20/2002	39.0	0.0	20		WOPL		test
10/21/2002	73.0	248.0	152	19	WOPL		test
10/22/2002	84.0	52.0	174	55	WOPL		test
10/23/2002	71.0	54.0	166	56	WOPL		G-2 Exempt Flo taken
10/24/2002	68.0	50.0	166	46	WOPL		test
10/25/2002	66.0	45.0	165	59	WOPL		test
10/26/2002	65.0	52.0	164	48	WOPL		test
10/27/2002	64.0	45.0	162	48	WOPL		test
10/28/2002	23.0	0.0	214	99	WOPL		test
10/29/2002	56.0	50.0	164	58	WOPL		test
10/30/2002	56.0	50.0	165	56	WOPL		test
10/31/2002	75.0	0.0	200	88	WOPL		test
11/1/2002	67.0	45.0	160	58	WOPL		test
11/2/2002	64.0	35.0	155	40	WOPL		test
11/3/2002	62.0	45.0	154	44	WOPL		test
11/4/2002	61.0	45.0	152	44	WOPL		test
11/5/2002	60.0	45.0	150	36	WOPL		test
11/6/2002	25.0	0.0		SI	WOPL		SI
11/7/2002		0.0			WOPL		SI
12/19/02	19	0.0	260			14	First Production
12/20/02	29	5.0	172	44		24	
12/21/02	62	7.0	170			24	
12/22/02	92	7.0	170			24	

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BUCHOLTZ 01-14							
Date	Gas	Water	Csg Press	Tbg Press	Line Press	Hrs	Comment
12/24/02	85	62.0	170		84	24	
12/25/02	85	62.0	170			24	
12/26/02	70	54	170			24	
12/27/02	70	54	170	56		24	
12/28/02	70	65.0	170			24	
12/29/02	71	65.0	170			24	
12/30/02	68	65	152	53		24	
12/31/02	67	65	152		38	24	
01/01/03	61	50	154		47	24	
01/02/03	55	26.0	156		59	24	
01/03/03	51	25.0	160	46	57	24	
01/04/03	52	15.0	162		41	24	
01/05/03	50	15.0	162		36	24	
01/06/03	38	19.0	162	30	41	24	
01/07/03	38	3.5	178		48	24	
01/08/03	37	2.5	180		46	24	
01/09/03	37	2.5	180		46	24	
01/10/03	35	12.0	180	40	46	24	
01/11/03	34	12.0	180		46	24	
01/12/03	34	12.0	176		46	24	
01/13/03	33	3.5	178	40	46	24	
01/14/03	33	12.0	180		48	24	
01/15/03	20	12.0	184		56	24	
01/16/03	13	4.0	190		81	24	
01/17/03	37	10.0	190	72	72	24	
01/18/03	35	3.5	190		65	24	
01/19/03	16	3.5	190		75	24	
01/20/03	29	3.5	190	72	72	24	
01/21/03	31	0.0	190		65	24	
01/22/03	5	0.0	204		81	24	
01/23/03	0	0.0	208				SI
01/24/03	11	0.0	204		94	24	
01/25/03	35	1.0	194		77	24	
01/26/03	28	2.0	194		51	24	
01/27/03	12	0.0	200	72	72	24	
01/28/03	14	0.0	204		75	24	
01/29/03	1	0.0	200		95	24	
01/30/03	11	0.0	200	85	96	24	
01/31/03	38	1.5	200		78	24	
02/01/03	32	0.0	196		64	24	
02/02/03	31	0.0	200		55	24	
02/03/03	19	0.0	206	45	55	24	
02/04/03	0	0.0	206				SI
02/05/03	36	4.5	200		68	24	
02/06/03	34	4.5	196		48	24	
02/07/03	33	0.0	198	48	37	24	
02/08/03	18	0.0	198		50	24	
02/09/03	22	0.0	200		80	24	
02/10/03	19	0.0	198	64	64	24	
02/11/03	31	4.3	198		63	24	

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BUCHOLTZ 01-14							
Date	Gas	Water	Csg Press	Tbg Press	Line Press	Hrs	Comment
02/12/03		27	4.3			196	64 24
02/13/03		29	4.3			196	63 24
02/14/03		31	0.0		60	194	60 24
02/15/03		27	3.5			194	49 24
02/16/03		18	0.0			194	40 24
02/17/03		38	6.9		64	194	64 24
02/18/03		30	6.9			192	54 24
02/19/03		27	6.9			190	46 24
02/20/03		18	2.0			190	65 24
02/21/03		24	1.5		55	190	55 24
02/22/03		20	0.0			190	43 24
02/23/03		20	0.0			200	38 24
02/24/03		1	0.0		68	206	68 2
02/25/03		0	0.0			206	SI
02/26/03		0	0.0			206	SI
02/27/03		42	7.0		110	200	110 24
02/28/03		22	8.0			198	99 24
03/01/03		32	7.0			190	91 24
03/02/03		31	8.0			182	91 24
03/03/03		48	17.0		92	180	92 24
03/04/03		48	17.0			175	85 24
03/05/03		34	17.0			164	73 24
03/06/03		41	15.0			164	70 24
03/07/03		45	15.0		71	164	71 24
03/08/03		44	15.0			170	59 24
03/09/03		40	15.0			182	57 24
03/10/03		5	0.0		57	186	57 2
03/11/03		37	0.0			186	91 24
03/12/03		10	0.0			186	83 24
03/13/03		10	0.0		94	196	94 24
03/14/03		22	0.0			200	124 24
03/15/03		10	0.0			202	117 24
03/16/03		23	0.0			202	130 24
03/17/03		15	7.0		131	204	131 24
03/18/03		16	7.0			204	110 24
03/19/03		17	7.0			204	97 24
03/20/03		18	7.0		93	204	93 24
03/21/03		16	0.0			204	92 24
03/22/03		6	0.0			210	85 12
03/23/03		0	0.0			214	SI
03/24/03		0	0.0			210	SI
03/25/03		12	9.0			204	108 24
03/26/03		35	9.0			198	91 24
03/27/03		25	9.0		74	190	74 24
03/28/03		25	11.5			190	64 24
03/29/03		23	11.5			190	66 24
03/30/03		35	11.5			190	83 24
03/31/03		32	8.0		60	190	60 24
04/01/03		25	8.0			190	83 24
04/02/03		30	8.0			184	72 24

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BUCHOLTZ 01-14							
Date	Gas	Water	Csg Press	Tbg Press	Line Press	Hrs	Comment
04/03/03	26	9.0	186	57	57	24	
04/04/03	25	10.0	186		50	24	
04/05/03	28	9.0	186		44	24	
04/06/03	26	10.0	186		39	24	
04/07/03	28	7.0	175	38	38	24	
04/08/03	27	8.0	170		37	24	
04/09/03	26	7.0	165		39	24	
04/10/03	26	7.0	180	39	39	24	
04/11/03	26	5.0	190		38	24	
04/12/03	9	1.0	196		51	24	
04/13/03	26	7.0	196		86	24	
04/14/03	28	8.0	190	46	46	24	
04/15/03	23	8.0	190		42	24	
04/16/03	25	8.0	175		47	24	
04/17/03	27	0.0	175	46	46	24	
04/18/03	27	8.0	190		46	24	
04/19/03	25	7.0	190		45	24	
04/20/03	25	8.0	190		44	24	
04/21/03	27	8.0	190	45	45	24	
04/22/03	25	8.0	190		46	24	
04/23/03	27	8.0	190		45	24	
04/24/03	25	9.0	190	43	43	24	
04/25/03	24	8.0	190		43	24	
04/26/03	24	9.0	190		43	24	
04/27/03	25	8.0	190		44	24	
04/28/03	25	6.0	190	44	44	24	
04/29/03	22	6.0	190		54	6	
04/30/03	21	6.0	190		60	6	
05/01/03	22	6.0	190	53	53	6	
05/02/03	25	5.0	190		50	6	
05/03/03	21	6.0	190		50	5	
05/04/03	23	5.0	190		57	6	
05/05/03	20	6.0	190	59	59	5	
05/06/03	23	5.0	190		53	6	
05/07/03	23	6.0	190		54	5	
05/08/03	20	7.0	190	53	53	6	
05/09/03	21	8.0	190		50	7	
05/10/03	23	7.0	190		50	8	
05/11/03	21	8.0	190		47	7	
05/12/03	19	8.0	190	50	50	8	
05/13/03	19	0.0	200		54	8	
05/14/03	15	2.5	200		96	0	
05/15/03	15	11.0	200	87	87	3	
05/16/03	25	11.0	200		88	11	
05/17/03	34	11.0	195		75	11	
05/18/03	12	0.0	205		75	11	
05/19/03	0	9.0	200				SI
05/20/03	44	9.0	200		77	9	
05/21/03	31	9.0	200		63	9	
05/22/03	25	9.0	195	57	57	9	

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BUCHOLTZ 01-14							
Date	Gas	Water	Csg Press	Tbg Press	Line Press	Hrs	Comment
05/23/03	15	3.0	200		57	9	
05/24/03	17	2.0	200		87	3	
05/25/03	23	0.0	200		91	2	
05/26/03	6	12.0	200	83	83	0	
05/27/03	31	13.0	200		87	12	
05/28/03	32	12.0	195		75	13	
05/29/03	27	3.0	198	62	62	12	
05/30/03	15	4.0	198		100	3	
05/31/03	15	3.0	198		100	4	
06/01/03	15	0.0	198		100	3	
06/02/03	3	13.0	195	110	110	0	
06/03/03	28	14.0	195		90	13	
06/04/03	26	14.0	195		83	14	
06/05/03	29	8.0	198	76	76	14	
06/06/03	30	7.0	198		63	8	
06/07/03	22	8.0	198		57	7	
06/08/03	21	7.0	198		55	8	
06/09/03	23	7.0	198	56	56	7	
06/10/03	6	7.0	198		62	7	
06/11/03	24	7.0	198		96	7	
06/12/03	30	0.0	190	70	70	7	
06/13/03	27	2.0	190		77	0	
06/14/03	28	2.0	190		71	2	
06/15/03	22	0.0	190		62	2	
06/16/03	21	15.0	190	77	77	0	
06/17/03	24	15.0	190		73	15	
06/18/03	26	15.0	190		80	15	
06/19/03	17	8.0	168	87	87	15	
06/20/03	20	8.0	168		80	8	
06/21/03	18	8.5	168		80	8	
06/22/03	22	8.5	168		79	9	
06/23/03	20	10.0	168	78	78	9	
06/24/03	23	10.0	168		78	10	
06/25/03	21	10.5	168		71	10	
06/26/03	20	10.0	192	70	70	11	
06/27/03	18	10.0	192		81	10	
06/28/03	18	10.0	192		81	10	
06/29/03	18	10.0	192		81	10	
06/30/03	18	4.0	192	81	81	10	
07/01/03	15	4.0	192		76	4	
07/02/03	24	7.0	194		75	4	
07/03/03	20	9.0	194	82	82	8	
07/04/03	4	7.0	194		76	9	
07/05/03	20	9.0	194		90	8	
07/06/03	22	9.0	194		80	9	
07/07/03	17	11.5	194	81	81	9	
07/08/03	28	11.5	194		68	12	
07/09/03	28	11.5	194		68	12	
07/10/03	28	7.0	194	68	68	12	
07/11/03	28	7.0	194		68	7	

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BUCHOLTZ 01-14							
Date	Gas	Water	Csg Press	Tbg Press	Line Press	Hrs	Comment
07/07/03	17	11.5	194		81	9	
07/08/03	28	11.5	194		68	12	
07/09/03	28	11.5	194		68	12	
07/10/03	28	7.0	194	68	68	12	
07/11/03	28	7.0	194		68	7	
07/12/03	28	7.0	194		68	7	
07/13/03	11	0.0	200	120	120	0	SI L&L floline leak
07/14/03	0	0.0	200				
07/15/03	0	0.0	200				SI G2 Exempt taken
07/16/03	0	10.0	200				SI
07/17/03	30	12.0	184	87	87	10	
07/18/03	25	12.0	184		79	12	
07/19/03	13	12.0	184		73	12	
07/20/03	19	12.0	184		89	12	G2 Exempt flo taken
07/21/03	30	8.0	184	73	73	12	
07/22/03	23	8.0	184		74	8	
07/23/03	23	8.0	184		74	8	
07/24/03	23	3.0	192	74	74	8	
07/25/03	20	2.0	192		65	3	
07/26/03	26	3.0	192		72	2	
07/27/03	17	3.0	192		65	3	
07/28/03	19	14.0	192	62	62	3	
07/29/03	20	14.0	192		66	14	
07/30/03	28	14.0	192		66	14	
07/31/03	14	5.0	192	84	84	14	
08/01/03	23	6.0	192		83	5	
08/02/03	14	5.0	192		69	6	
08/03/03	12	6.0	192		63	5	
08/04/03	13	5.0	192	61	61	6	
08/05/03	24	5.0	192		58	5	
08/06/03	16	5.0	192		58	5	
08/07/03	12	7.0	194	58	58	5	
08/08/03	19	7.0	194		60	7	
08/09/03	13	7.0	194		59	7	
08/10/03	20	7.0	194		57	7	
08/11/03	20	4.0	194	53	53	7	
08/12/03	18	5.0	194		55	5	
08/13/03	15	5.0	194		55	5	
08/14/03	15	6.0	198	53	53	5	
08/15/03	6	0.0	198		58	6	
08/17/03	28	7.0	198		68	7	
08/18/03	17	7.0	198	58	58	7	
08/19/03	18	4.0	198		62	4	
08/20/03	20	5.0	198		54	5	
08/21/03	12	4.0	198	60	60	4	
08/22/03	17	5.0	198		57	5	
08/23/03	14	5.0	198		59	5	
08/24/03	20	5.0	198		55	5	
08/25/03	17	5.0	198	49	49	5	

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BUCHOLTZ 01-14							
Date	Gas	Water	Csg Press	Tbg Press	Line Press	Hrs	Comment
09/01/03		21	6.0	194	84	84	6
09/02/03		22	10.5	194		67	11
09/03/03		25	10.5	194		62	11
09/04/03		20	10.5	194	57	57	11
09/05/03		17	4.0	194		57	4
09/06/03		15	4.0	194		57	4
09/07/03		16	4.0	194		57	4
09/08/03		15	4.0	194	55	55	4
09/09/03		16	9.0	194		56	9
09/10/03		16	9.0	194		57	9
09/11/03		15	9.0	194	52	52	9
09/12/03		15	9.0	194		56	4
09/13/03		15	9.0	194		56	4
09/14/03		15	9.0	194		56	4
09/15/03		15	9.0	194	56	56	4
09/16/03		25	15.0	194		61	15
09/17/03		9	15.0	194		53	15
09/18/03		28	15.0	194	56	56	15
09/19/03		12	6.0	194		71	6
09/20/03		28	6.0	194		68	6
09/21/03		11	6.0	194		58	6
09/22/03		23	6.0	194	76	76	6
09/23/03		17	6.0	194		56	6
09/24/03		17	6.0	194		54	6
09/25/03		11	6.0	194	47	47	6
09/26/03		17	6.0	194		60	6
09/27/03		21	6.0	194		61	6
09/28/03		17	6.0	194		57	6
09/29/03		8	6.0	194	46	46	6
09/30/03		15	3.0	194	46	40	3
10/01/03		12	3.0	194		40	3
10/02/03		12	3.0	194	40	40	3
10/03/03		12	7.0	194		55	7
10/04/03		14	7.0	194		56	7
10/05/03		12	7.0	194		56	7
10/06/03		12	7.0	194	56	56	7
10/07/03		12	3.0	194		55	3
10/08/03		3	1.0	194		53	3
10/09/03		23	7.0	194	53	53	3
10/10/03		12	5.0	194		54	5
10/11/03		12	5.0	194		53	5
10/12/03		21	5.0	194		58	5
10/13/03		15	5.0	194	54	54	5
10/14/03		12	10.4	199		50	10
10/15/03		18	10.4	199		56	10
10/16/03		20	10.4	199	52	52	10
10/17/03		15	3.4	194		52	4
10/18/03		12	3.4	194		54	4
10/19/03		15	3.4	194		56	4
10/20/03		12	3.4	194	55	55	4

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BUCHOLTZ 01-14							
Date	Gas	Water	Csg Press	Tbg Press	Line Press	Hrs	Comment
10/21/03		9	4.0			54	8
10/22/03		12	4.0			58	8
10/23/03		15	4.0		58	58	8
10/24/03		15	8.6			59	9
10/25/03		25	8.6			52	9
10/26/03		11	8.6			52	9
10/27/03		22	8.6		56	56	9
10/28/03		15	3.0			58	3
10/29/03		14	3.0			42	3
10/30/03		6	3.0		44	44	3
10/31/03		10				46	6
11/01/03		9				48	6
11/02/03		12				48	6
11/03/03		6			46	46	6
11/04/03		28				47	9
11/05/03		14				43	9
11/06/03		18			42	42	9
11/07/03		12				46	10
11/08/03		17				84	10
11/09/03		8				87	10
11/10/03		21			69	69	10
11/11/03		16				56	5
11/12/03		12				62	5
11/13/03		22			75	75	5
11/14/03		10				76	4
11/15/03		15				48	4
11/16/03		14				44	4
11/17/03		6			54	54	4
11/18/03		6				53	3
11/19/03		12				50	3
11/20/03		2			41	41	3
11/21/03		24				66	5
11/22/03		17				47	5
11/23/03		6				51	5
11/24/03		22			84	84	5
11/25/03		14				89	3
11/26/03		13				79	3
11/27/03		6			50	50	3
11/28/03		15				43	3
11/29/03		12				43	3
11/30/03		9				49	3
12/01/03		6			46	46	3
12/02/03		6				44	3
12/03/03		13				52	3
12/04/03		10			51	51	3
12/05/03		6				42	3
12/06/03		7				45	7
12/07/03		28				54	7
12/08/03		15			42	42	7
12/09/03		12				46	2

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BUCHOLTZ 01-14							
Date	Gas	Water	Csg Press	Tbg Press	Line Press	Hrs	Comment
12/10/03		12			50	2	
12/11/03		16		48	48	2	
12/12/03		21			55	7	
12/13/03		27			59	7	
12/14/03		4			34	7	
12/15/03		38		60	60	7	
12/16/03		17			60	4	
12/17/03		19			46	4	
12/18/03		15		47	47	4	
12/19/03		20			58	4	
12/20/03		13			58	4	
12/21/03		11			57	4	
12/22/03		14		48	48	4	
12/23/03		5			55	4	
12/24/03		15			87	4	
12/25/03		11		46	46	4	
12/26/03		5			46	4	
12/27/03		6			53	4	
12/28/03		27			70	4	
12/29/03		5		62	62	4	
12/30/03		5			62	4	
01/01/04		30		85	85	4	
01/02/04		16			106	4	
01/03/04		8			48	4	
01/04/04		12			48	4	
01/05/04		6		46	46	4	
01/06/04		128			55	2	
01/07/04		36			68	2	
01/08/04		41		70	70	2	
01/09/04		30			53	6	
01/10/04		21			49	6	
01/11/04		14			47	6	
01/12/04		17		45	45	6	
01/13/04		11			46	5	
01/14/04		17			46	5	
01/15/04		6		45	45	5	
01/16/04		17			47	5	
01/17/04		8			46	5	
01/18/04		11			44	5	
01/19/04		14		44	44	5	
01/20/04		6			46	6	
01/21/04		24			66	6	
01/22/04		17		76	76	6	
01/23/04		13			89	4	
01/24/04		12			69	4	
01/25/04		6			62	4	
01/26/04		18		60	60	4	
01/27/04		13			49	5	
01/28/04		18			43	5	
01/29/04		18		49	49	5	

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BUCHOLTZ 01-14							
Date	Gas	Water	Csg Press	Tbg Press	Line Press	Hrs	Comment
01/30/04		14			62	5	
01/31/04		14			77	5	
02/01/04		0	185				SI
03/01/04		0	185				SI
04/01/04		0	185				SI
04/07/04		25	180		60	24	
04/08/04		26	170		60	24	
04/09/04		26	150		50	24	
04/10/04		22	150		50	24	
04/11/04		22	140		45	24	
04/12/04		21	130		45	24	
04/13/04		20	130		45	24	
04/14/04		20	120		45	24	
04/15/04		20	120		45	24	
04/16/04		20	115		45	24	
04/17/04		20	100		45	24	
04/18/04		19	100		45	24	
04/19/04		19	100		44	24	
04/23/04		15	160		90	12	
04/24/04		22	112		45	24	
04/25/04		20	90		45	24	
04/26/04		20	90		44	24	
04/27/04		18	85		44	24	
04/28/04		17	85		44	24	
04/29/04		17	85		44	24	
04/30/04		17	85		44	24	
05/01/04		17	90		38	24	
05/02/04		17	90		40	24	
05/03/04		16	85		38	24	
05/07/04		24	120		50	24	
05/08/04		20	90		40	24	
05/09/04		17	85		38	24	
05/10/04		17	85		38	24	
05/11/04		17	85		38	24	
05/12/04		17	85		38	24	
05/13/04		17	85		38	24	
05/14/04		16	80		40	24	
05/15/04		17	80		40	24	
05/16/04		17	80		38	24	
05/17/04		16	80		38	24	
05/18/04		17	75		38	24	
05/19/04		17	75		38	24	
05/20/04		17	75		38	24	
05/21/04		16	75		38	24	
05/22/04		17	75		38	24	
05/23/04		17	75		38	24	
05/24/04		17	75		38	24	
05/25/04		17	75		38	24	
05/26/04		16	75		38	24	
05/27/04		16	75		35	24	

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BUCHOLTZ 01-14							
Date	Gas	Water	Csg Press	Tbg Press	Line Press	Hrs	Comment
05/28/04		16		75		35	24
05/29/04		17		75		35	24
05/30/04		17		75		35	24
05/31/04		17		75		35	24
06/01/04		14		90		47	24
06/02/04		14		90		47	24
06/03/04		17		90		47	24
06/04/04		17		90		47	24
06/05/04		14		90		47	24
06/06/04		14		85		47	24
06/07/04		15		85		47	24
06/08/04		15		85		47	24
06/09/04		15		90		46	24
06/10/04		16		90		46	24
06/11/04		16		85		46	24
06/12/04		16		85		46	24
06/13/04		15		85		47	24
06/14/04		15		85		47	24
06/15/04		15		85		47	24
06/16/04		15		85		47	24
06/17/04		15		85		47	24
06/18/04		16		85		47	24
06/19/04		16		85		49	24
06/20/04		15		85		49	24
06/21/04		15		85		49	24
06/22/04		16		85		49	24
06/23/04		16		85		49	24
06/24/04		17		85		49	24
06/25/04		15		85		52	24
06/26/04		9	110			60	12
06/27/04		17		90		55	24
06/28/04		16		90		52	24
06/29/04		16		85		50	24
06/30/04		16		85		50	24
07/01/04		14		90		40	24
07/02/04		15		90		40	24
07/03/04		15		90		40	24
07/04/04		16		85		40	24
07/05/04		16		85		40	24
07/06/04		15		85		39	24
07/07/04		15		85		39	24
07/08/04		15		85		39	24
07/09/04		12		80		39	24
07/10/04		12		75		40	24
07/11/04		11		75		40	24
07/12/04		19		90		42	24
07/13/04		18		90		42	24
07/14/04		18		90		42	24
07/15/04		18		90		42	24
07/16/04		17		90		42	24

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BUCHOLTZ 01-14							
Date	Gas	Water	Csg Press	Tbg Press	Line Press	Hrs	Comment
07/17/04		16		95		42	24
07/18/04		16		95		42	24
07/19/04		16		90		42	24
07/20/04		17		90		42	24
07/21/04		15		90		42	24
07/22/04		15		90		42	24
07/23/04		20		90		43	24
07/24/04		21		90		43	24
07/25/04		21		90		45	24
07/26/04		20		90		45	24
07/27/04		24		90		45	24
07/28/04		20		90		45	24
07/29/04		19		90		42	24
07/30/04		18		90		42	24
07/31/04		17		90		42	24
08/01/04		17		90		53	24
08/02/04		17		90		53	24
08/03/04		15		90		53	24
08/04/04		15		90		53	24
08/05/04		16		90		57	24
08/06/04		16		80		53	24
08/07/04		16		70		57	24
08/08/04		16		70		57	24
08/09/04		16		70		57	24
08/10/04		17		70		57	24
08/11/04		10	100			71	14
08/12/04		18		70		57	24
08/13/04		17		70		52	24
08/14/04		17		70		52	24
08/15/04		17		70		52	24
08/16/04		16		70		52	24
08/17/04		17		75		55	24
08/18/04		17		75		55	24
08/19/04		17		75		55	24
08/20/04		17		75		53	24
08/21/04		17		75		51	24
08/22/04		17		75		51	24
08/23/04		17		75		51	24
08/24/04		17		75		51	24
08/25/04		17		75		51	24
08/26/04		0		75			SI
08/27/04		0		90			SI
09/01/04		0		90			SI G2 Exempt taken
10/01/04		0		90			SI
10/14/04		0		90			SI
10/15/04		4		90		24	
10/16/04		5		90		24	
10/17/04		5		90		24	
10/21/04		1		90		24	
10/22/04		2		90		24	

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BUCHOLTZ 01-14							
Date	Gas	Water	Csg Press	Tbg Press	Line Press	Hrs	Comment
08/24/04		17	75		51	24	
08/25/04		17	75		51	24	
08/26/04		0	75				SI
08/27/04		0	90				SI
09/01/04		0	90				SI G2 Exempt taken
10/01/04		0	90				SI
10/14/04		0	90				SI
10/15/04	4		90			24	
10/16/04	5		90			24	
10/17/04	5		90			24	
10/21/04	1		90			24	
10/22/04	2		90			24	
10/23/04	2		85			24	
10/24/04	2		85			24	
10/25/04	2		85			24	
10/26/04	2		85			24	
10/27/04	2		80			24	
10/28/04	2		80			24	
10/29/04	2		75			24	
10/30/04	2		75			24	
10/31/04	2		75			24	
11/01/04	10		75			24	G2 Exempt flo taken
11/02/04	10		70			24	
11/03/04	18		65			24	
11/04/04	26		64			24	
11/05/04	25		64			24	
11/06/04	25		64			24	
11/07/04	25		64			24	
11/08/04	9		82			24	
11/09/04	9		82			24	
11/10/04	15		65			24	
11/11/04	15		61			24	
11/12/04	16		62			24	
11/13/04	17		64			24	
11/14/04	20		50			24	
11/15/04	20		40			24	
11/16/04	21		40			24	
11/17/04	21		40			24	
11/18/04	21		40			24	
11/19/04	27		39			24	
11/20/04	22		39			24	
11/21/04	22		39			24	
11/22/04	6		80			8	
11/25/04	8		90			24	
11/26/04	15		80			24	
11/27/04	15		55			24	
11/28/04	18		50			24	
12/01/04	21		64			24	
12/02/04	24		56			24	

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BUCHOLTZ 01-14							
Date	Gas	Water	Csg Press	Tbg Press	Line Press	Hrs	Comment
12/03/04		22		61		24	
12/04/04		21		62		24	
12/05/04		21		65		24	
12/06/04		20		63		24	
12/07/04		20		63		24	
12/08/04		20		62		24	
12/09/04		20		60		24	
12/10/04		22		58		24	
12/11/04		22		56		24	
12/12/04		24		54		24	
12/13/04		28		52		24	
12/14/04		28		52		24	
12/15/04		25		54		24	

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