

# KANSAS CORPORATION COMMISSION

## ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

- Open Flow  
 Deliverability

Test Date:  
05/27/2010

API No. 15  
15-007-22967-00-00

Company <b>JACK EXPLORATION, INC.</b>		Lease <b>ADAMS</b>		Well Number <b>1-34</b>	
County <b>BARBER</b>	Location <b>N/2 N/2 S/2 SW</b>	Section <b>34</b>	TWP <b>34S</b>	RNG (E/W) <b>14W</b>	Acres Attributed
Field <b>AETNA SE</b>		Reservoir <b>MISSISSIPPIAN</b>		Gas Gathering Connection <b>ATLAS PIPELINE</b>	
Completion Date <b>03/16/2006</b>		Plug Back Total Depth <b>5129</b>		Packer Set at	
Casing Size <b>4.5</b>	Weight <b>11.6</b>	Internal Diameter <b>4.0</b>	Set at <b>5150</b>	Perforations <b>4860</b>	To <b>4930</b>
Tubing Size <b>2.375</b>	Weight <b>4.7</b>	Internal Diameter <b>1.995</b>	Set at <b>4827</b>	Perforations	To
Type Completion (Describe) <b>SINGLE</b>		Type Fluid Production		Pump Unit or Traveling Plunger? Yes / No	
Producing Thru (Annulus / Tubing) <b>TUBING</b>		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H)		Pressure Taps <b>FLANGE</b>		(Meter Run) (Prover) Size	
Pressure Buildup: Shut in <u>05/26</u> <u>11</u> at _____ (AM) (PM) Taken _____ 20 at _____ (AM) (PM)		Well on Line: Started <u>05/27</u> <u>11</u> at _____ (AM) (PM) Taken _____ 20 at _____ (AM) (PM)			

### OBSERVED SURFACE DATA

Duration of Shut-In **26** Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter or 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							400		100		
Flow											

### FLOW STREAM ATTRIBUTES

Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd	Circle one: Meter or 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>

### (OPEN FLOW) (DELIVERABILITY) CALCULATIONS

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

(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> or (P <sub>c</sub> ) <sup>2</sup> - (P <sub>d</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>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</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: $\frac{P_c^2 - P_w^2}{P_c^2 - P_d^2}$	Backpressure Curve Slope = "n" ----- 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 **15TH** day of **AUGUST**, 20 **11**.

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 JACK EXPLORATION, INC. 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.

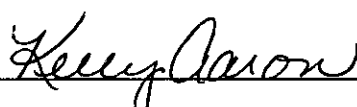
I hereby request a one-year exemption from open flow testing for the ADAMS 1-34 gas well on the grounds that said well:

(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: 08/15/2011

Signature:   
Title: SECRETARY

**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.

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**JACK EXPLORATION, INC.**  
**R/D Property Volume Analysis Report**  
**By Sales Date from 1/1/2011 to 7/31/2011**

Date: 8/15/2011

**For All Leases and Selected Wells**

GROSS				SHARE	
Production Date	Sale Date	Sales Volume	Prod Volume	Sales Volume	Prod Volume

Lease: SLT      Well: SLT11      Well Name: Adams 1-34  
 Ref #: 00000018

Account: 361-01      Department:      Account Name: DRY GAS

1/31/2011	1/31/2011	2,202.56	2,429.92	2,202.56	2,429.92
2/28/2011	2/28/2011	1,999.52	2,205.92	1,999.52	2,205.92
3/31/2011	3/31/2011	2,157.96	2,380.72	2,157.96	2,380.72
4/30/2011	4/30/2011	2,044.55	2,255.60	2,044.55	2,255.60
5/31/2011	5/31/2011	2,036.24	2,255.85	2,036.24	2,255.85
6/30/2011	6/30/2011	1,963.15	2,174.88	1,963.15	2,174.88
		<u>12,403.98</u>	<u>13,702.89</u>	<u>12,403.98</u>	<u>13,702.89</u>
<b>Property Totals</b>		<u>12,403.98</u>	<u>13,702.89</u>	<u>12,403.98</u>	<u>13,702.89</u>
<b>Report Totals</b>		<u>12,403.98</u>	<u>13,702.89</u>	<u>12,403.98</u>	<u>13,702.89</u>

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 Page No 1

Well/Site: Z6 ADAMS 1-34  
 Well/Site Number: Z6 ADAMS 1-34  
 Pumper ID: ROD GLENNIE  
 Property ID 4:

JACKS EXPLORATION,  
 PRODUCTION GAUGE REPORT

Producer: JACKS EXPLORAT  
 Property Number:  
 Pipeline Code:  
 Reservoir/Site:

Report Run Date: 8/15/11  
 Well/Site Name: Z6 ADAMS 1-34  
 Property ID 2:  
 Property ID 3:

Date	Well Head Pressure			Gas Meter Readings					Oil Tank Readings												Water Tank Readings						Fluid Hauled		REMARKS		
	CH	Tub	Cas	Diff	PSIA	Line Flow Hours	Gas Volume MCF	Produced Fluid		Tank # OIL		Tank #			Tank #			Tank #			Tank #			H2	Sale	Waste					
								Oil	Water	Ft	In	BBL	Ft	In	BBL	Ft	In	BBL	Ft	In	BBL	Ft	In				BBL	Ft		In	BBL
1/1/2011	64	100	400	.0	43	24.0	70	0.0	0.0	8	4.0	167.9	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0	
1/2/2011	64	100	400	.0	41	24.0	67	0.0	0.0	8	4.0	167.9	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0	
1/3/2011	64	100	400	5.0	44	24.0	70	6.7	31.9	8	8.0	174.6	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0	
1/4/2011	64	100	400	5.0	44	24.0	70	0.0	0.0	8	8.0	174.6	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0	
1/5/2011	64	100	400	12.0	44	24.0	71	0.0	16.8	8	8.0	174.6	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	22.54	0.00	0.00	0
1/6/2011	64	100	400	.0	43	24.0	71	0.0	0.0	8	8.0	174.6	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/7/2011	64	100	400	.0	51	24.0	72	0.0	0.0	8	8.0	174.6	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/8/2011	64	100	400	.0	51	24.0	72	0.0	0.0	8	8.0	174.6	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/9/2011	64	100	400	.0	51	24.0	71	0.0	0.0	8	8.0	174.6	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/10/2011	64	100	400	.0	50	24.0	76	0.0	20.1	8	8.0	174.6	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/11/2011	64	100	400	.0	51	24.0	71	0.0	0.0	8	8.0	174.6	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/12/2011	64	100	400	.0	51	24.0	71	0.0	0.0	8	8.0	174.6	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/13/2011	64	100	400	.0	48	24.0	59	0.0	0.0	8	8.0	174.6	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/14/2011	64	100	400	.0	47	24.0	75	6.7	15.1	9	0.0	181.3	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/15/2011	64	100	400	.0	50	24.0	71	0.0	0.0	9	0.0	181.3	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/16/2011	64	100	400	.0	50	24.0	70	0.0	0.0	9	0.0	181.3	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/17/2011	64	100	400	.0	50	24.0	66	0.0	0.0	9	0.0	181.3	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/18/2011	64	100	400	.0	50	24.0	69	0.0	11.8	9	0.0	181.3	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/19/2011	64	100	400	4.0	52	24.0	72	0.0	0.0	9	0.0	181.3	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/20/2011	64	100	400	3.0	47	24.0	69	8.4	11.8	9	5.0	189.7	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/21/2011	64	100	400	3.0	47	24.0	66	0.0	0.0	9	5.0	189.7	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/22/2011	64	100	400	.0	50	24.0	73	0.0	0.0	9	5.0	189.7	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/23/2011	64	100	400	.0	50	24.0	71	0.0	0.0	9	5.0	189.7	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/24/2011	64	100	400	3.0	50	24.0	68	0.0	10.1	9	5.0	189.7	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/25/2011	64	100	400	3.0	50	24.0	66	0.0	0.0	9	5.0	189.7	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/26/2011	64	100	400	3.0	54	24.0	68	0.0	0.0	9	5.0	189.7	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/27/2011	64	100	400	.0	51	24.0	72	0.0	8.4	9	5.0	189.7	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/28/2011	64	100	400	.0	50	24.0	69	0.0	0.0	9	5.0	189.7	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/29/2011	64	100	400	.0	55	24.0	70	0.0	0.0	9	5.0	189.7	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/30/2011	64	100	400	.0	54	24.0	67	0.0	0.0	9	5.0	189.7	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
1/31/2011	64	100	400	.0	52	24.0	72	10.1	15.1	9	11.0	199.8	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
2/1/2011	64	100	400	.0	52	24.0	70	0.0	0.0	9	11.0	199.8	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
2/2/2011	64	100	400	.0	58	24.0	75	0.0	0.0	9	11.0	199.8	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
2/3/2011	64	100	400	.0	58	24.0	71	0.0	0.0	9	11.0	199.8	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
2/4/2011	64	100	400	5.0	51	24.0	104	0.0	8.4	9	11.0	199.8	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0
2/5/2011	64	100	400	4.0	57	24.0	70	0.0	0.0	9	11.0	199.8	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0.0	0	0.0	0.00	0.00	0.00	0

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5/9/2011	64	100	400	2.0	70	24.0	69	3.4	10.1	12	2.0	245.1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	11	2.0	0	0.0	0	0.0	0.00	0.00	0.00	0
5/10/2011	64	100	400	2.0	70	24.0	65	0.0	0.0	12	2.0	245.1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	11	2.0	0	0.0	0	0.0	0.00	0.00	0.00	0
5/11/2011	64	100	400	2.0	70	24.0	65	3.4	28.5	12	4.0	248.4	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	5	7.0	0	0.0	0	0.0	0.00	0.00	0.00	0
5/12/2011	64	100	400	2.0	70	24.0	63	0.0	0.0	12	4.0	248.4	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	5	7.0	0	0.0	0	0.0	0.00	0.00	0.00	0
5/13/2011	64	100	400	4.0	65	24.0	64	0.0	6.7	12	4.0	248.4	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	5	11.0	0	0.0	0	0.0	0.00	0.00	0.00	0
5/14/2011	64	100	400	4.0	70	24.0	64	0.0	0.0	12	4.0	248.4	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	5	11.0	0	0.0	0	0.0	0.00	0.00	0.00	0
5/15/2011	64	100	400	4.0	70	24.0	63	0.0	0.0	12	4.0	248.4	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	5	11.0	0	0.0	0	0.0	0.00	0.00	0.00	0
5/16/2011	64	100	400	4.0	70	24.0	63	0.0	25.2	12	4.0	248.4	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	7	2.0	0	0.0	0	0.0	0.00	0.00	0.00	0
5/17/2011	64	100	400	0	72	24.0	63	0.0	0.0	12	4.0	248.4	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	7	2.0	0	0.0	0	0.0	0.00	0.00	0.00	0
5/18/2011	64	100	400	0	63	24.0	64	0.0	8.4	12	4.0	248.4	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	7	7.0	0	0.0	0	0.0	0.00	0.00	0.00	0
5/19/2011	64	100	400	0	63	24.0	64	0.0	0.0	12	4.0	248.4	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	7	7.0	0	0.0	0	0.0	0.00	0.00	0.00	0
5/20/2011	64	100	400	2.0	68	24.0	64	0.0	6.7	12	4.0	248.4	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	7	11.0	0	0.0	0	0.0	0.00	0.00	0.00	0
5/21/2011	64	100	400	0	62	24.0	64	0.0	0.0	12	4.0	248.4	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	7	11.0	0	0.0	0	0.0	0.00	0.00	0.00	0
5/22/2011	64	100	400	0	62	24.0	65	0.0	0.0	12	4.0	248.4	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	7	11.0	0	0.0	0	0.0	0.00	0.00	0.00	0
5/23/2011	64	100	400	0	62	24.0	65	0.0	0.0	12	4.0	248.4	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	7	11.0	0	0.0	0	0.0	0.00	0.00	0.00	0
5/24/2011	64	100	400	5.0	61	24.0	71	1.7	18.5	12	5.0	250.1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	8	10.0	0	0.0	0	0.0	0.00	0.00	0.00	0
5/25/2011	64	100	400	5.0	60	24.0	68	0.0	0.0	12	5.0	250.1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	8	10.0	0	0.0	0	0.0	0.00	0.00	0.00	0
5/26/2011	64	100	400	10.0	57	24.0	64	0.0	11.8	12	5.0	250.1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	9	5.0	0	0.0	0	0.0	0.00	0.00	0.00	0
5/27/2011	64	100	400	0	56	24.0	68	0.0	0.0	12	5.0	250.1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	9	5.0	0	0.0	0	0.0	0.00	0.00	0.00	0
5/28/2011	64	100	400	0	55	24.0	66	0.0	6.7	12	5.0	250.1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	9	9.0	0	0.0	0	0.0	0.00	0.00	0.00	0
5/29/2011	64	100	400	0	55	24.0	66	0.0	0.0	12	5.0	250.1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	9	9.0	0	0.0	0	0.0	0.00	0.00	0.00	0
5/30/2011	64	100	400	0	57	24.0	64	0.0	0.0	12	5.0	250.1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	9	9.0	0	0.0	0	0.0	0.00	0.00	0.00	0
5/31/2011	64	100	400	3.0	57	24.0	65	1.7	8.4	12	6.0	251.8	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	10	2.0	0	0.0	0	0.0	0.00	0.00	0.00	0
6/1/2011	64	100	400	0	55	24.0	64	0.0	3.4	12	6.0	251.8	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	10	4.0	0	0.0	0	0.0	0.00	0.00	0.00	0
6/2/2011	64	100	400	5.0	57	24.0	70	0.0	40.3	12	6.0	251.8	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	5	4.0	0	0.0	0	0.0	0.00	0.00	0.00	0
6/3/2011	64	100	400	5.0	57	24.0	70	0.0	5.0	12	6.0	251.8	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	5	7.0	0	0.0	0	0.0	0.00	0.00	0.00	0
6/4/2011	64	100	400	0	61	24.0	63	0.0	3.4	12	6.0	251.8	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	5	9.0	0	0.0	0	0.0	0.00	0.00	0.00	0
6/5/2011	64	100	400	0	61	24.0	63	0.0	0.0	12	6.0	251.8	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	5	9.0	0	0.0	0	0.0	0.00	0.00	0.00	0
6/6/2011	64	100	400	5.0	56	24.0	66	0.0	8.4	12	6.0	251.8	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	6	2.0	0	0.0	0	0.0	0.00	0.00	0.00	0
6/7/2011	64	100	400	5.0	56	24.0	64	0.0	0.0	12	6.0	251.8	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	6	2.0	0	0.0	0	0.0	0.00	0.00	0.00	0
6/8/2011	64	100	400	5.0	56	24.0	63	0.0	0.0	12	6.0	251.8	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	6	2.0	0	0.0	0	0.0	0.00	0.00	0.00	0
6/9/2011	64	100	400	5.0	55	24.0	64	0.0	13.4	12	6.0	251.8	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	6	10.0	0	0.0	0	0.0	0.00	0.00	0.00	0
6/10/2011	64	100	400	5.0	54	24.0	62	3.4	6.7	12	8.0	255.1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	7	2.0	0	0.0	0	0.0	0.00	0.00	0.00	0
6/11/2011	64	100	400	5.0	52	24.0	62	0.0	0.0	12	8.0	255.1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	7	2.0	0	0.0	0	0.0	0.00	0.00	0.00	0
6/12/2011	64	100	400	0	52	24.0	67	0.0	0.0	12	8.0	255.2	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	7	2.0	0	0.0	0	0.0	0.00	0.00	0.00	0
6/13/2011	64	100	400	0	51	24.0	63	0.0	0.0	12	8.0	255.2	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	7	2.0	0	0.0	0	0.0	0.00	0.00	0.00	0
6/14/2011	64	100	400	0	51	24.0	62	0.0	0.0	12	8.0	255.1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	7	2.0	0	0.0	0	0.0	0.00	0.00	0.00	0
6/15/2011	64	100	400	2.0	59	24.0	65	0.0	23.5	12	8.0	255.1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	8	4.0	0	0.0	0	0.0	0.00	0.00	0.00	0
6/16/2011	64	100	400	3.0	58	24.0	67	0.0	10.1	12	8.0	255.1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	8	10.0	0	0.0	0	0.0	0.00	0.00	0.00	0
6/17/2011	64	100	400	3.0	58	24.0	63	0.0	0.0	12	8.0	255.1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	8	10.0	0	0.0	0	0.0	0.00	0.00	0.00	0
6/18/2011	64	100	400	3.0	56	24.0	64	0.0	0.0	12	8.0	255.1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	8	10.0	0	0.0	0	0.0	0.00	0.00	0.00	0
6/19/2011	64	100	400	3.0	56	24.0	67	0.0	0.0	12	8.0	255.1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	8	10.0	0	0.0	0	0.0	0.00	0.00	0.00	0
6/20/2011	64	100	400	5.0	53	24.0	67	3.4	16.8	12	10.0	258.5	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	9	8.0	0	0.0	0	0.0	0.00	0.00	0.00	0
6/21/2011	64	100	400	5.0	53	24.0	67	0.0	0.0	12	10.0	258.5	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	9	8.0	0	0.0	0	0.0	0.00	0.00	0.00	0
6/22/2011	64	100	400	0	57	24.0	70	0.0	6.7	12	10.0	258.5	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	10	0.0	0	0.0	0	0.0	0.00	0.00	0.00	0
6/23/2011	64	100	400	0	57	24.0	70	0.0	0.0	12	10.0	258.5	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	10	0.0	0	0.0	0	0.0	0.00	0.00	0.00	0

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6/24/2011	64	100	400	.0	53	24.0	63	0.0	33.6	7	7.0	152.8	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	9	8.0	0	0.0	0	0.0	0.0	40.29	0.00	105.75	0		
6/25/2011	64	100	400	.0	53	24.0	63	0.0	0.0	7	7.0	152.8	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	9	8.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
6/26/2011	64	100	400	.0	53	24.0	63	0.0	0.0	7	7.0	152.8	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	9	8.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
6/27/2011	64	100	400	.0	54	24.0	67	0.0	0.0	7	7.0	152.8	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	9	8.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
6/28/2011	64	100	400	.0	54	24.0	67	0.0	0.0	7	7.0	152.8	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	9	8.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
6/29/2011	64	100	400	2.0	52	24.0	64	0.0	43.6	7	7.0	152.8	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	4	10.0	0	0.0	0	0.0	0.0	41.00	0.00	0.00	0		
6/30/2011	64	100	400	2.0	52	24.0	64	0.0	0.0	7	7.0	152.8	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	4	10.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/1/2011	64	100	400	3.0	53	24.0	68	1.7	10.1	7	8.0	154.4	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	5	4.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/2/2011	64	100	400	3.0	53	24.0	67	0.0	0.0	7	8.0	154.4	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	5	4.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/3/2011	64	100	400	3.0	67	24.0	65	0.0	0.0	7	8.0	154.4	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	5	4.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/4/2011	64	100	400	3.0	67	24.0	67	0.0	10.1	7	8.0	154.4	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	5	10.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/5/2011	64	100	400	3.0	52	24.0	61	3.4	6.7	7	10.0	157.8	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	6	2.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/6/2011	64	100	400	.0	63	24.0	61	0.0	0.0	7	10.0	157.8	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	6	2.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/7/2011	64	100	400	2.0	52	24.0	66	0.0	6.7	7	10.0	157.8	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	6	6.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/8/2011	64	100	400	2.0	52	24.0	65	0.0	0.0	7	10.0	157.8	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	6	6.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/9/2011	64	100	400	2.0	52	24.0	61	0.0	0.0	7	10.0	157.8	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	6	6.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/10/2011	64	100	400	3.0	57	24.0	65	0.0	6.7	7	10.0	157.8	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	6	10.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/11/2011	64	100	400	2.0	55	24.0	65	0.0	8.4	7	10.0	157.8	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	7	3.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/12/2011	64	100	400	.0	63	24.0	65	0.0	6.7	7	10.0	157.8	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	7	7.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/13/2011	64	100	400	.0	57	24.0	64	0.0	3.3	7	10.0	157.8	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	7	9.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/14/2011	64	100	400	.0	57	24.0	64	0.0	0.0	7	10.0	157.8	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	7	9.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/15/2011	64	100	400	5.0	54	24.0	60	3.4	10.1	8	0.0	161.1	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	8	3.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/16/2011	64	100	400	.0	53	24.0	61	0.0	0.0	8	0.0	161.1	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	8	3.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/17/2011	64	100	400	.0	53	24.0	66	0.0	0.0	8	0.0	161.1	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	8	3.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/18/2011	64	100	400	.0	60	24.0	63	0.0	0.0	8	0.0	161.1	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	8	3.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/19/2011	64	100	400	.0	60	24.0	63	0.0	0.0	8	0.0	161.1	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	8	3.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/20/2011	64	100	400	5.0	51	24.0	61	0.0	11.8	8	0.0	161.1	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	8	10.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/21/2011	64	100	400	5.0	51	24.0	61	0.0	0.0	8	0.0	161.1	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	8	10.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/22/2011	64	100	400	4.0	61	24.0	60	0.0	3.4	8	0.0	161.1	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	9	0.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/23/2011	64	100	400	4.0	61	24.0	60	0.0	0.0	8	0.0	161.1	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	9	0.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/24/2011	64	100	400	4.0	61	24.0	61	0.0	0.0	8	0.0	161.1	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	9	0.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/25/2011	64	100	400	2.0	51	24.0	66	0.0	0.0	8	0.0	161.1	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	9	0.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/26/2011	64	100	400	2.0	51	24.0	66	0.0	0.0	8	0.0	161.1	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	9	0.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/27/2011	64	100	400	.0	53	24.0	63	0.0	73.9	8	0.0	161.1	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	12	8.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/28/2011	64	100	400	.0	72	24.0	62	0.0	5.6	8	0.0	161.1	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	6	0.0	0	0.0	0	0.0	0.0	40.00	0.00	0.00	0		
7/29/2011	64	100	400	2.0	58	24.0	65	0.0	0.0	8	0.0	161.1	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	6	0.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/30/2011	64	100	400	3.0	50	24.0	62	0.0	0.0	8	0.0	161.1	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	6	0.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
7/31/2011	64	100	400	.0	52	24.0	65	0.0	0.0	8	0.0	161.1	0	0.0	.0	0	0.0	0.0	0	0.0	0.0	0.0	6	0.0	0	0.0	0	0.0	0.0	0.00	0.00	0.00	0		
Total	64	100	400	3	55	5088	14239	99	1435																								1417	0	106

Beginning Oil Stock: 167.86  
Ending Oil Stock: 161.1

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