

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

(See Instructions on Reverse Side)

- Open Flow
 Deliverability

Test Date: 10/05/2010

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

Company JACK EXPLORATION, INC.			Lease ADAMS		Well Number 1-34
County BARBER	Location N/2 N/2 S/2 SW	Section 34	TWP 34S	RNG (E/W) 14W	Acres Attributed
Field AETNA SE		Reservoir MISSISSIPPIAN	Gas Gathering Connection ATLAS PIPELINE		
Completion Date 03/16/2006		Plug Back Total Depth 5129	Packer Set at		
Casing Size 4.5	Weight 11.6	Internal Diameter 4.0	Set at 5150	Perforations 4860-4930	To
Tubing Size 2.375	Weight 4.7	Internal Diameter 1.995	Set at 4868.47	Perforations	To
Type Completion (Describe) SINGLE		Type Fluid Production	Pump Unit or Traveling Plunger? Yes / No		
Producing Thru (Annulus / Tubing) TUBING		% Carbon Dioxide	% Nitrogen	Gas Gravity - G _g	
Vertical Depth(H)		Pressure Taps FLANGE		(Meter Run) (Prover) Size	
Pressure Buildup: Shut in <u>09/02</u> 20 <u>10</u> at _____ (AM) (PM) Taken _____ 20 _____ at _____ (AM) (PM)					
Well on Line: Started <u>10/06</u> 20 <u>10</u> at _____ (AM) (PM) Taken _____ 20 _____ at _____ (AM) (PM)					

OBSERVED SURFACE DATA

Duration of Shut-in _____ Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter or Prover Pressure psig (P _m)	Pressure Differential in Inches H ₂ O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In							<u>580</u>		<u>580</u>		
Flow											

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _b) (F _p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	Gravity Factor F _g	Flowing Temperature Factor F _{tt}	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_a)² = 0.207

(P_c)² = _____ : (P_w)² = _____ : P_d = _____ % (P_c - 14.4) + 14.4 = _____ : (P_d)² = _____

(P _c) ² - (P _a) ² or (P _c) ² - (P _d) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide by: $\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2}$	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 4TH day of NOVEMBER, 20 10.

Witness (if any)

For Commission

For Company

Checked by

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KCC WICHITA

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: 11/04/2010

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 8/1/2009 to 9/30/2010

Date: 11/4/2010

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			
8/31/2009	8/31/2009	2,929.86	3,256.15	2,929.86	3,256.15
10/31/2009	10/31/2009	3,427.10	3,808.77	3,427.10	3,808.77
11/30/2009	11/30/2009	2,676.84	2,974.96	2,676.84	2,974.96
12/31/2009	12/31/2009	2,556.16	2,840.84	2,556.16	2,840.84
1/31/2010	1/31/2010	2,510.23	2,779.31	2,510.23	2,779.31
2/28/2010	2/28/2010	2,240.23	2,480.37	2,240.23	2,480.37
3/31/2010	3/31/2010	2,439.10	2,700.56	2,439.10	2,700.56
4/30/2010	4/30/2010	2,343.74	2,585.65	2,343.74	2,585.65
5/31/2010	5/31/2010	2,365.75	2,609.93	2,365.75	2,609.93
6/30/2010	6/30/2010	2,192.01	2,418.26	2,192.01	2,418.26
7/31/2010	7/31/2010	2,299.35	2,536.68	2,299.35	2,536.68
8/31/2010	8/31/2010	2,136.77	2,357.32	2,136.77	2,357.32
		<u>30,117.14</u>	<u>33,348.80</u>	<u>30,117.14</u>	<u>33,348.80</u>
Property Totals		<u>30,117.14</u>	<u>33,348.80</u>	<u>30,117.14</u>	<u>33,348.80</u>
Report Totals		<u>30,117.14</u>	<u>33,348.80</u>	<u>30,117.14</u>	<u>33,348.80</u>

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Page No 1 KCC WICHITA

Atlas Pipeline Company

Analysis

July, 2010

Avard System	
Meter Number: 95242404	Meter Name: Adams 1-34

Relative Density:	0.637	C2+ GPM:	2.4753	Wet Heating Value:	1089.9
Pressure Base:	14.730	C5+ GPM:	0.2514	Dry Heating Value:	1109.2
Temperature Base:	60.00	C6+ GPM:	0.1358	As Del Heating Value:	1074.9

	Mol %	GPM
Carbon Dioxide	0.066	0.0111
Nitrogen	1.864	0.2050
Methane	89.329	15.1402
Ethane	5.148	1.3763
Propane	2.102	0.5790
Iso-Butane	0.242	0.0790
N-Butane	0.601	0.1895
Iso-Pentane	0.140	0.0510
N-Pentane	0.178	0.0646
Hexane	0.330	0.1358
Heptane		
Octane		
Nonane		
Decane		
Oxygen		
Hydrogen		
Helium		
Argon		
Water Vapor		
Hydrogen Sulfide		

Total	100.000	17.8317
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GAS VOLUME STATEMENT

CLOSED DATA

Avard System

95242404 --- Adams 1-34

July, 2010

Measured Conditions

Meter Status: In Service

Pressure Base: 14.730 psia Temperature Base: 60.00 °F HV Cond: Wet Meter Type: EFM Contract Hr.: Midnight

Water Vapor Corr. Technique:

Water Vapor Corr. Method:

CO2	N2	H2O	H2S	O2	He	C1	C2	C3	I-C4	N-C4	I-C5	N-C5	C6+
0.066	1.864					89.329	5.148	2.102	0.242	0.601	0.140	0.178	0.330

Tube I.D.	Interval	Tap Location	Tap Type	Atmos. Pressure	Calc. Method	Fpv Method	Sample Date
2.069 in.	1 Hour	Upstream	Flange	13.800 psi	AGA3-1992	AGA8-Detail	3/4/10

Day	Differential (In. H2O)	Pressure (PSIA)	Temperature (°F)	Hours Flow	Relative Density	Plate (inches)	Volume (Mcf)	Heating Value (BTU/scf)	Energy (MMBTU)
1	16.26	44.31	80.61	13.99	0.6367	1.000	70.63	1089.94	76.99
2	19.30	45.00	79.15	13.41	0.6367	1.000	70.24	1089.94	76.56
3	13.36	42.18	77.46	15.00	0.6367	1.000	75.19	1089.94	81.95
4	15.16	41.28	77.40	14.85	0.6367	1.000	74.25	1089.94	80.93
5	16.10	43.17	73.22	16.15	0.6367	1.000	76.90	1089.94	83.82
6	19.40	42.93	78.07	14.00	0.6367	1.000	72.56	1089.94	79.08
7	18.84	42.64	77.80	15.01	0.6367	1.000	75.64	1089.94	82.45
8	12.95	42.80	76.44	16.01	0.6367	1.000	77.19	1089.94	84.13
9	12.55	44.58	79.57	14.91	0.6367	1.000	73.53	1089.94	80.14
10	16.00	44.29	82.21	14.08	0.6367	1.000	72.81	1089.94	79.36
11	17.48	43.80	85.96	15.01	0.6367	1.000	75.97	1089.94	82.80
12	14.34	44.76	84.65	14.61	0.6367	1.000	70.32	1089.94	76.65
13	17.69	44.45	85.89	14.41	0.6367	1.000	76.92	1089.94	83.84
14	12.64	46.66	87.29	14.99	0.6367	1.000	76.02	1089.94	82.86
15	18.09	44.10	84.29	13.99	0.6367	1.000	73.31	1089.94	79.90
16	14.26	43.53	88.39	13.79	0.6367	1.000	71.29	1089.94	77.70
17	21.29	44.48	89.20	14.22	0.6367	1.000	76.45	1089.94	83.33
18	16.14	43.41	88.83	15.01	0.6367	1.000	76.09	1089.94	82.94
19	13.63	47.26	89.03	14.01	0.6367	1.000	71.28	1089.94	77.69
20	16.39	45.07	88.04	15.00	0.6367	1.000	76.20	1089.94	83.05
21	16.83	42.54	87.97	15.00	0.6367	1.000	74.47	1089.94	81.17
22	18.91	42.58	88.20	14.01	0.6367	1.000	72.87	1089.94	79.42
23	16.22	43.15	89.27	13.33	0.6367	1.000	68.42	1089.94	74.58
24	18.94	43.17	84.44	14.60	0.6367	1.000	77.58	1089.94	84.56
25	17.66	42.70	79.64	15.01	0.6367	1.000	74.90	1089.94	81.64
26	16.09	44.77	83.10	14.01	0.6367	1.000	72.75	1089.94	79.29
27	17.38	43.75	85.17	13.61	0.6367	1.000	69.31	1089.94	75.54
28	16.84	43.46	84.04	14.39	0.6367	1.000	76.82	1089.94	83.73
29	13.83	42.62	85.92	15.00	0.6367	1.000	74.84	1089.94	81.57
30	15.29	43.18	87.01	13.99	0.6367	1.000	71.73	1089.94	78.18
31	13.74	44.46	88.35	13.87	0.6367	1.000	70.36	1089.94	76.68
TOTAL	16.26	43.77	83.73	449.26	0.6367		2,286.87		2,492.55

Volume at 14.650 = 2,299.35 Energy = 2,492.55

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