

SIP Test.

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

(See Instructions on Reverse Side)

Type Test:

- Open Flow  
 Deliverability

Test Date:  
4-3-12

API No. 15  
15-119-21305-00-00

Company <b>CLAASSEN OIL AND GAS, INC.</b>			Lease <b>IDA HEINSON</b>		Well Number <b>11</b>
County <b>MEAD</b>	Location <b>990' FSL &amp; 2110' FEL</b>	Section <b>29</b>	TWP <b>33S</b>	RNG (E/W) <b>29W</b>	Acres Attributed
Field <b>SINGLEY</b>		Reservoir <b>CHESTER</b>	Gas Gathering Connection <b>DCP MIDSTREAM</b>		
Completion Date <b>12/3/2011</b>		Plug Back Total Depth <b>6422</b>	Packer Set at <b>NONE</b>		
Casing Size <b>4.5</b>	Weight <b>10.5</b>	Internal Diameter <b>4.090</b>	Set at <b>6414</b>	Perforations <b>5993-6004</b>	To <b>6060-6064</b>
Tubing Size <b>2.375</b>	Weight <b>4.7</b>	Internal Diameter <b>1.995</b>	Set at <b>6146</b>	Perforations <b>6106-6097</b>	To
Type Completion (Describe) <b>SINGLE GAS</b>		Type Fluid Production <b>WATER/OIL</b>	Pump Unit or Traveling Plunger? Yes / No <b>YES-PUMP</b>		
Producing Thru (Annulus / Tubing) <b>ANNULUS</b>		% Carbon Dioxide	% Nitrogen	Gas Gravity - G <sub>g</sub> <b>0.700</b>	
Vertical Depth(H) <b>6045</b>		Pressure Taps <b>FLANGE</b>		(Meter Run) (Prover) Size <b>3.068"</b>	
Pressure Buildup: Shut in <b>4-2-12</b> 20 at <b>1000</b> (AM) (PM) Taken <b>4-3-12</b> 20 at <b>1300</b> (AM) (PM)					
Well on Line: Started _____ 20 at _____ (AM) (PM) Taken _____ 20 at _____ (AM) (PM)					

### OBSERVED SURFACE DATA

Duration of Shut-in **27.0** Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure psig (P <sub>m</sub> )	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						536.8	551.2			27.0	
Flow											

### FLOW STREAM ATTRIBUTES

Plate Coefficient (F <sub>v</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>ti</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>d</sub> ) <sup>2</sup> or (P <sub>c</sub> ) <sup>2</sup> · (P <sub>w</sub> ) <sup>2</sup>	(P <sub>d</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>d</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> · P <sub>w</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: $\frac{P_c^2 \cdot P_w^2}{P_c^2 \cdot P_w^2}$	Backpressure Curve Slope = "n" ----- or Assigned Standard Slope	n x LOG $\left[ \frac{P_c^2 \cdot P_w^2}{P_c^2 \cdot P_w^2} \right]$	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)

Open Flow Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia

**RECEIVED  
APR 16 2012**

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 3 day of APRIL, 20 12.

**KCC WICHITA**

Copy to KCC Wichita  
Witness (if any)  
Copy to KCC Dodge City  
For Commission

Precision Wire Line & Testing  
For Company  
Mark A. Beck  
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 CLAASSEN OIL AND GAS, 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 IDA HEINSON 11 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: 4/12/2012

Signature: Daniel R Claassen

Title: President

**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.

**Daily Data for Station (4) HEINSON #11**  
2012-03-01 09:00 to 2012-04-01 09:00

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CLAASEN O&G 280

MAY 09 2012

March 2012

KCC WICHITA

Station Data

2012-03-01 09:00 Fld Display CLAASEN O&G 280

Press Base	14.85	Atmos Press	14.4	Orifice	.625	Tap Type	F	Static Ring	500	TP Low	0
Temp Base	60	Abs		Tube	2.067	Tap Loc	D	Diff Ring	50	TP High	150
Btu Type	3	Btu/CF		Chart Size (Hrs)	8	SPOR	.700	Eff Date	2012-02-21 09:00		
Methane		Ethane		Propane		I-Butane		N-Butane		BTU Dry	
I-Pentane		N-Pentane		Hexane		Nitrogen		CO2		BTU Sat	

Date On	Plate Size	S Grav	Diff Press	PSIA	Temp	HRS On	Vol MCF	BTU	MMBTU
2012-03-01 09:00	.625	.700	5.5455	91.58	48	24.00	53.0260		0.0000
2012-03-02 09:00	.625	.700	5.5739	87.56	36	24.00	52.6363		0.0000
2012-03-03 09:00	.625	.700	5.6250	86.92	42	24.00	52.2963		0.0000
2012-03-04 09:00	.625	.700	5.9134	91.82	53	24.00	54.5533		0.0000
2012-03-05 09:00	.625	.700	5.2281	92.69	64	24.00	50.9910		0.0000
2012-03-06 09:00	.625	.700	5.5584	95.17	63	24.00	53.3089		0.0000
2012-03-07 09:00	.625	.700	5.4412	94.29	50	24.00	53.2099		0.0000
2012-03-08 09:00	.625	.700	4.7425	94.13	44	24.00	49.9375		0.0000
2012-03-09 09:00	.625	.700	5.3791	96.65	53	24.00	53.4023		0.0000
2012-03-10 09:00	.625	.700	6.1362	68.69	49	24.00	48.1510		0.0000
2012-03-11 09:00	.625	.700	4.4178	92.49	47	24.00	47.6400		0.0000
2012-03-12 09:00	.625	.700	4.4877	97.60	64	24.00	48.5069		0.0000
2012-03-13 09:00	.625	.700	4.4910	97.07	68	24.00	48.1893		0.0000
2012-03-14 09:00	.625	.700	8.0301	98.93	70	24.00	65.0471		0.0000
2012-03-15 09:00	.625	.700	11.0824	96.67	69	24.00	75.3936		0.0000
2012-03-16 09:00	.625	.700	9.2315	98.24	77	24.00	68.8674		0.0000
2012-03-17 09:00	.625	.700	9.1501	98.57	72	24.00	68.9531		0.0000
2012-03-18 09:00	.625	.700	8.5084	102.26	64	24.00	68.3540		0.0000
2012-03-19 09:00	.625	.700	8.9581	97.71	52	24.00	69.3496		0.0000
2012-03-20 09:00	.625	.700	9.1578	93.74	51	24.00	68.6922		0.0000
2012-03-21 09:00	.625	.700	9.4094	90.19	48	24.00	68.4909		0.0000
2012-03-22 09:00	.625	.700	9.0489	90.27	54	24.00	66.7881		0.0000
2012-03-23 09:00	.625	.700	9.7230	98.14	64	24.00	71.4893		0.0000
2012-03-24 09:00	.625	.700	9.9301	93.03	67	24.00	70.0983		0.0000
2012-03-25 09:00	.625	.700	9.8558	93.28	73	24.00	69.5238		0.0000
2012-03-26 09:00	.625	.700	10.0003	95.95	78	24.00	70.7527		0.0000
2012-03-27 09:00	.625	.700	9.5681	94.67	69	24.00	69.3463		0.0000
2012-03-28 09:00	.625	.700	10.4381	93.08	75	24.00	71.3318		0.0000
2012-03-29 09:00	.625	.700	10.2009	94.15	75	24.00	70.9490		0.0000
2012-03-30 09:00	.625	.700	9.9780	93.68	72	24.00	70.2286		0.0000
2012-03-31 09:00	.625	.700	10.5567	94.77	78	24.00	72.1644		0.0000
<b>TOTAL</b>			<b>7.6227</b>	<b>93.68</b>	<b>61</b>	<b>744.00</b>	<b>1921.6679</b>		<b>0.0000</b>

Hourly Graph

