

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

RECEIVED
 KANSAS CORPORATION COMMISSION

FEB 25 2011

Type Test:

Open Flow

Deliverability

Test Date:

2-14-2011

API No. 15

15-035-24, 346-0000

LEGAL SECTION

Company CEC OPERATIONS, LLC.		Lease EAST CARNEY JONES		Well Number 1	
County COWLEY	Location N/2 NW/4	Section 20	TWP 34S	RNG (E/W) 3E	Acres Attributed 80
Field GUEDA SPRINGS		Reservoir MISSISSIPIAN		Gas Gathering Connection NAT-GAS	
Completion Date 5-3-2010		Plug Back Total Depth		Packer Set at	
Casing Size 5 1/2	Weight 15.50	Internal Diameter	Set at 3842	Perforations	To
Tubing Size 2 3/8	Weight 9.5	Internal Diameter	Set at 3400	Perforations 3415	To 3421
Type Completion (Describe) PERFORATIONS AND FRAC		Type Fluid Production GAS, OIL AND SALTWATER		Pump Unit or Traveling Plunger? Yes / No PUMPING UNIT	
Producing Thru (Annulus / Tubing)		% Carbon Dioxide		% Nitrogen	
TUBING				Gas Gravity - G _g	

Vertical Depth(H)	Pressure Taps 65LBS	(Meter Run) (Prover) Size
Pressure Buildup: Shut in FEB 14 20 1 1/2 at 8 AM (AM) (PM) Taken FEB 15 20 1 1/2 at 8 AM (AM) (PM)		
Well on Line: Started FEB 15 20 1 1/2 at 8 AM (AM) (PM) Taken FEB 15 20 11 at 8 AM (AM) (PM)		

OBSERVED SURFACE DATA

Duration of Shut-in _____ Hours

Static / Dynamic Property	Orifice Size (Inches)	Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H ₂ O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _c) or (P ₁) or (P ₂)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P ₂)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						175					
Flow								65			

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _{pl}) (F _{pr}) 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

(P₁)² = 0.207

(P₂)² = _____

(P₁)² = _____ ; (P₂)² = _____ ; P_d = _____ % (P_c - 14.4) + 14.4 = _____

(P ₁) ² - (P ₂) ² or (P ₁) ² - (P _d) ²	(P ₁) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _d ² 2. P _c ² - P _w ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide by: $\frac{P_c^2 - P_w^2}{P_c^2 - P_d^2}$	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 27 day of February, 20 11.

Witness (if any)

For Commission

[Signature]
 For Company
[Signature]
 Checked by

FEB 25 2011

LEGAL SECTION

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 CEC Operations, LLC 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 East Camp Jones 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: 2-24-11

Signature: 
Title: Manager

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.

E. GARNNEY JONES

	NET GAS	GAS PRICE
June	0	\$0.0000
July		
August	1577	\$3.9108
September	1408	\$4.5051
October	1024	\$4.2612
November	679	\$3.8191
December	709	\$3.5779
Total	6665	\$3.5779

*↑
monthly gas sales*

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CEC OPERATIONS, LLC

TO: JIM HEMMEN + LANE PALMATEER

WE PLAN TO PLUG BACK AND RECOMPLETE THIS WELL INTO THE CLEVELAND FORMATION IN THE NEXT 60 DAYS, AS THE CURRENT ZONE MAKES VERY LITTLE OIL AND THE GAS PRICES ARE VERY DILUTED BY THE PIPELINE COMPANY.

BRUCE W. SATTERTHWAITE

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