

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

(See Instructions on Reverse Side)

- Open Flow
 Deliverability

Test Date:
11/29/2013

API No. 15
007-21169-0000

Company Mid-Continent Energy Operating Company			Lease Edith Davis		Well Number 1
County Barber	Location W/2 SE SW	Section 1	TWP 33S	RNG (E/W) 11W	Acres Attributed 160
Field Mississippi		Reservoir Mississippi		Gas Gathering Connection Oneok	
Completion Date 05/31/1982		Plug Back Total Depth		Packer Set at	
Casing Size 4-1/2"	Weight 10.5	Internal Diameter	Set at 4582'	Perforations 4582'	To 4585 (OH)
Tubing Size 2-3/8"	Weight	Internal Diameter	Set at 4580'	Perforations	To
Type Completion (Describe) Single Gas		Type Fluid Production Oil & Water		Pump Unit or Traveling Plunger? Yes / No Yes	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H) 4585'		Pressure Taps		(Meter Run) (Prover) Size	
Pressure Buildup: Shut in 11/28 20 13 at 9 (AM) (PM)		Taken 11/29 20 13 at 8:50 (AM) (PM)			
Well on Line: Started 11/29 20 13 at 9 (AM) (PM)		Taken 20 at (AM) (PM)			

OBSERVED SURFACE DATA

Duration of Shut-in 24 Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter or Prover Pressure psig (Pm)	Pressure Differential in Inches H ₂ O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _i) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _i) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						60					
Flow											

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _p) (F _v) 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

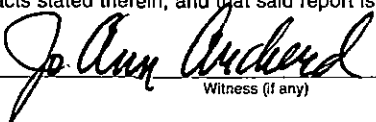
(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

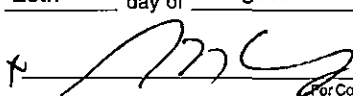
$(P_c)^2 =$ _____ : $(P_w)^2 =$ _____ : $P_d =$ _____ % $(P_c - 14.4) + 14.4 =$ _____ : $(P_a)^2 = 0.207$
 $(P_a)^2 =$ _____

$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_w)^2$	$(P_c)^2 - (P_w)^2$	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: $P_c^2 - P_w^2$	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 25th day of August 2013.


Witness (if any)


For Company

Received 14
KANSAS CORPORATION COMMISSION

SEP 04 2014

For Commission

Checked by

CONSERVATION DIVISION
WICHITA, KS

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 Mid-Continent Energy Operating Comp 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 Edith Davis #1 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: 08/25/2014

Signature: 

Title: President

Received
KANSAS CORPORATION COMMISSION

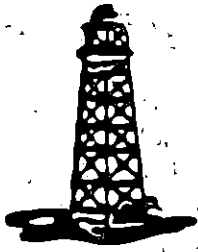
SEP 04 2014

CONSERVATION DIVISION
WICHITA, KS

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.



MID-CONTINENT ENERGY OPERATING COMPANY

Oil and Gas Exploration,
Production and Operations

August 26, 2014

Kansas Corporation Commission
ATTN: Mr. Jim Hemmen
130 S. Market, Room 2078
Wichita, KS 67202

Re: Edith Davis #1 – API 15-007-21169-0000
Section 1 – 33S – 11W
Barber County, Kansas

In response to your letter of August 13, 2014 regarding the Edith Davis #1 located in Barber County, Kansas, we are enclosing the completed Form G-2 "One Point Stabilized Open Flow or Deliverability Test".

Also, in your letter you referenced the classification of this well as shown on our 2013 Well Inventory which is filed through KOLAR. This well is a **gas** well and is shown on our well inventory (attached) as gas not oil. We have contacted Ms. Jonelle Rains and she has corrected her records to reflect this well as being **gas** not oil.

I apologize for any inconvenience this mix-up has caused and for the delay in submitting the necessary reports. If you would please let me know which reports you require and when they are due I will mark my calendar and possibly avoid this problem in the future.

Thank you for your assistance with this matter and if there is anything else you require please let me know either by mail, fax or email (jarcherd@mid-continentenergy.net).

Have a great week,

Jo Ann Archerd
Administrative Assistant

Encls. Form G-2 Corrected per email of 8/26/14
2013 Well Inventory

Received
KANSAS CORPORATION COMMISSION
SEP 04 2014
CONSERVATION DIVISION
WICHITA, KS