

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

- Open Flow
- Deliverability

Test Date:
8/22/2014

API No. 15
15-113-20.031-0001

Company D & R Well Service, Inc.		Lease Myers		Well Number 1	
County McPherson	Location NE NW NE	Section 24	TWP 20S	RNG (E/W) 02W	Acres Attributed
Field Canton		Reservoir Mississippi		Gas Gathering Connection American Energies Pipeline	
Completion Date 6-20-1978		Plug Back Total Depth 2936		Packer Set at None	
Casing Size 5 1/2	Weight 15#	Internal Diameter 4.074	Set at 2935	Perforations 2930	To 2934
Tubing Size 2 3/8	Weight 4.5	Internal Diameter 2"	Set at 2932	Perforations 2928	To 2930
Type Completion (Describe) Single		Type Fluid Production Salt Water		Pump Unit or Traveling Plunger? Yes / No Pumping Unit	
Producing Thru (Annulus / Tubing) Tubing Annulus		% Carbon Dioxide .0985		% Nitrogen 6.2437	
Vertical Depth(H) 2936		Pressure Taps Flange		(Meter Run) (Prover) Size Meter Run 2"	
Pressure Buildup: Shut in 8/22 20 14 at 09:00 am (AM) (PM)		Taken 8/25 20 14 at 10:30 am (AM) (PM)			
Well on Line: Started 8/25 20 14 at 10:30 am (AM) (PM)		Taken _____ 20 _____ at _____ (AM) (PM)			

OBSERVED SURFACE DATA

Duration of Shut-in 73.5 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 _w) or (P ₁) or (P _o)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _o)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In	.250	Meter				77#	92#	73#	88#	73.5 Hours	10
Flow											

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _p) (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 _t	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2 = \underline{\hspace{2cm}}$: $(P_w)^2 = \underline{\hspace{2cm}}$: $P_d = \underline{\hspace{2cm}}\%$ $(P_o - 14.4) + 14.4 = \underline{\hspace{2cm}}$: $(P_o)^2 = 0.207$
 $(P_o)^2 = \underline{\hspace{2cm}}$

$(P_c)^2 - (P_o)^2$ or $(P_o)^2 - (P_d)^2$	$(P_o)^2 - (P_w)^2$	Choose formula 1 or 2: 1. $P_o^2 - P_d^2$ 2. $P_o^2 - P_w^2$ divided by: $P_o^2 - P_w^2$	LOG of formula 1, or 2, and divide by: $P_o^2 - P_w^2$	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 **4 mcfd**

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 26th day of August, 20 14.

Received
KANSAS CORPORATION COMMISSION

D & R Well Service Inc.
For Company
Douglas Ward
Checked by

OCT 15 2015

CONSERVATION DIVISION
WICHITA, KS

Witness (if any) _____
For Commission _____

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 D & R Well Service, 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 Myers 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: 8/26/2014

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KANSAS CORPORATION COMMISSION

OCT 15 2015

CONSERVATION DIVISION
WICHITA, KS

Signature: Douglas Ward

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.



Jacam Chemicals 2013, LLC
 PO Box 96
 205 S. Broadway
 Sterling, KS 67579
 620-278-3355

Invoice: C3AR270508
 Invoice Date: 08/31/2014

Bill To:
 D-R Well Service
 1224 20th Ave
 Galva, KS 67443

Ship To:
 D-R Well Service
 SHOP

Customer	Ship Via	F.O.B.	Terms
CC4588	Jacam	DESTINATION	Net 30
Customer Authorization	Sales Person	Order Date	Warehouse
DOUG WARD	Yancy Feck	08/25/2014	Great Bend

Item Description	Order Qty	UM	Unit Price	Tax	Extended Price
WGS50WAs-DrumPoly WGS50WA - Gas Sweetener (s)	10.000	Gal	\$11.20	(\$8.01) (7.15 %)	\$112.00
Field Ticket: C3FT000272251				Subtotal	\$112.00
SO Number: C3SO000301337				Tax (%)	\$8.01
Regular 345707				Total Invoice	\$120.01

Well was shut down for sour gas on 8-22-14
 was treated on 8/25/2014 and started
 back up

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 WICHITA, KS