KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST 35 (See Instructions on Reverse Side) Type Test: Open Flow Test Date: API No. 15 Deliverabilty 8/23/2012 095-10018-**0000** Well Number Company Lease 3-18 Chesapeake Operating, Inc. Messenger D TWP RNG (E/W) Acres Attributed County Location Section NW SW NE 18 30S 8W Kingman RECEIVED DEC 0 3 2012 KCC WICHITA Field Reservoir Gas Gathering Connection Spivey-Grabs Mississippian OneOk Energy Service Plug Back Total Depth Packer Set at Completion Date 5/4/60 4302 Internal Diameter Perforations Tο Casing Size Weight Set at 5.012 4319 4257 4271 5.5 14.0 Weight Internal Diameter Set at Perforations То Tubing Size 2.375 1.995 4280 4.7 Type Fluid Production Pump Unit or Traveling Plunger? Yes / No Type Completion (Describe) Oil/Water Pump Unit Single Gas Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - G **Annulus** Vertical Depth(H) Pressure Taps (Meter Run) (Prover) Size 4230 8/23 8/24 20 12 at 11 ₂₀ 12 _{at} 11 __ (AM) (PM) Taken Pressure Buildup: Shut in Well on Line: __ (AM) (PM) Taken 20 ____ at ___ (AM) (PM) **OBSERVED SURFACE DATA** Duration of Shut-in Hours Circle one: Pressure Casing Tubing Orifice Flowing Well Head Static / Duration Liquid Produced Meter Differential Wellhead Pressure Wellhead Pressure Dynamic Size Temperature Temperature (P_w) or (P_t) or (P_c) (Hours) (Barrels) Prover Pressure (P_w) or (P_1) or (P_c) in (inches) Property psig (Pm) Inches H_a0 psig psia psig psia 49.4 14.4 24 Shut-In 35 Flow **FLOW STREAM ATTRIBUTES** Circle one: Flowing Flowing Plate Press GOR Gravity Deviation Metered Flow Meter or Fluid Coefficcient Temperature Extension Factor Factor (Cubic Feet/ Prover Pressure Factor Gravity F $(F_b)(F_p)$ $\mathbf{F}_{\mathbf{p}\mathbf{v}}$ (Mcfd) Barrel) Pmxh psia F_{ii} G, Mcfd (OPEN FLOW) (DELIVERABILITY) CALCULATIONS $(P_s)^2 = 0.207$ $(P_c - 14.4) + 14.4 =$ Choose formula 1 or 2: Backpressure Curve Open Flow LOG of $(P_s)^2 - (P_s)^2$ 1. P.2 - P.2 Slope = "n" n x LOG Deliverability formula Antiloa ---- or----2. P.2 - P.2 1 or 2 Equals R x Antilog (P_a)² - (P_d)² Assigned P.2 - P.2 (Mcfd) divided by: P2-P2 Standard Slope by:

Deliverability

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

Mcfd @ 14.65 psia

For Company

Checked by

Open Flow

Mcfd @ 14.65 psia

Witness (if any)

For Commission

the facts stated therein, and that said report is true and correct. Executed this the 30 day of November

DEC 0 3 2012

	KCC WICHITA
I declare under penalty of perjury under the laws of the state of exempt status under Rule K.A.R. 82-3-304 on behalf of the operator	
and that the foregoing pressure information and statements contain	
correct to the best of my knowledge and belief based upon available p	production summaries and lease records
of equipment installation and/or upon type of completion or upon use b	peing made of the gas well herein named.
I hereby request a one-year exemption from open flow testing for	the Messenger D 3-18
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 re	eservoir undergoing ER
is on vacuum at the present time; KCC approval De	ocket No
is not capable of producing at a daily rate in excess	ss of 250 mcf/D
I further agree to supply to the best of my ability any and all supp	•
staff as necessary to corroborate this claim for exemption from testing	ng.
Date: _11/30/2012	
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Signature:	tha Dewbre
Title: Aletha Dewbre	e, Regulatory Specialist

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.