KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Chesapeake Operating, Inc. Bertholf A	ell Number cres Attributed
Company Chesapeake Operating, Inc. Lease Bertholf A 1-4	cres Attributed
Country Coun	
Ringman 660° FNL & 900° FEL 4 30S 8W	
Spivey Grabs	
Alta	
1/2	
2 3/8	
Type Completion (Describe) Type Fluid Production Water Pump Unit or Traveling Plunger? Yes / Pump Unit	
Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Grav	No
Vertical Depth(H)	rity - G
Pressure Buildup: Shut in 9/5 20 13 at 8 (AM) (PM) Taken 9/6 20 13 at 8 Well on Line: Started 20 at (AM) (PM) Taken 20 at	
Pressure Buildup: Shut in 9/5 20 13 at 8 (AM) (PM) Taken 9/6 20 13 at 8	ın) (Prover) Size
OBSERVED SURFACE DATA Duration of Shut-in Static / Orifice Size Property (inches) Property	(AM) (PM)
Static / Orifice Size Property (inches) Pressure Property (inches) Pressure Property (inches) Propert	(AM) (PM)
Static / Orifice Size (inches) Differential in Inches H ₂ 0 Differential inches H ₂ 0 Diffe	Hours
Shut-In Inches H ₂ 0 Psig	Liquid Produced (Barrels)
FLOW STREAM ATTRIBUTES Plate Coefficient (F_b) (F_p) Mcfd OPEN FLOW) (DELIVERABILITY) CALCULATIONS (P_c) ² = : (P_w) ² = : P_d Choose formula 1 or 2: P_d Choose	<u> </u>
Plate Coefficient (F_b) (F_p) Meter or Prover Pressure psia (OPEN FLOW) (DELIVERABILITY) CALCULATIONS (P_a) P_b (P_b)	
Coefficient $(F_{\mathfrak{p}})(F_{\mathfrak{p}})$ Meter or Prover Pressure psia $P_{\mathfrak{p}}$ Extension $P_{\mathfrak{p}}$ Temperature $P_{$	
$(P_c)^2 = $: $(P_w)^2 = $: $P_d = $ % $(P_c - 14.4) + 14.4 = $: $(P_d)^2 = $ (P)2-(P)2 (P)2-(P)2 1. P.2-P.2 LOG of Stone = "0"	Flowing Fluid Gravity G _m
$ (P_c)^2 = $	
(P.)2-(P.)2 (P.)2-(P.)2 (P.)2-(P.)2 (P.)2-(P.)3 (P.)3-(P.)4 (P.)3-(P.)4 (P.)3-(P.)4 (P.)3-(P.)4 (P.)4	= 0.207
The state of the s	Open Flow
or nx LOG Antilog	Deliverability Equals R x Antilog (Mcfd)
	<u></u>
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
he facts stated therein, and that said report is true and correct. Executed this the 17 day of October	, 20 13 RECEIVED CORPORATION C
Witness (if any) For Company	
For Commission Checked by	OCT 2 3 20

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 Chesapeake Operating, 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 Bertholf A 1-4
gas well on the grounds that said well:
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: _10/17/2013
Signature: Jaun Zichard)
Title: Dawn Richardson, Associate Regulatory Analyst
ride.

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 received signed and dated on the front side as though it was a verified report of annual test results.

KANSAS CORPORATION COMMISSION