L. 30

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes				-		(See Instru	ctions on Re	verse Side	·)			
✓ Open Flow Deliverability					Test Date:			API No. 15				
Company					7/19/20	14	Lease		15-	189-22516 -	-	Vell Number
		Ope	rating, L.L.	3.			Brown					3-9
County Stevens			Loca ¹ 1320 F	ion SL & 1320 FWL	Section 9		TWP 33S			/W)	Þ	cres Attributed
Field Walker	neye	:r		Reservoi Morrov	=		Gas Gathering Co OneOK Field Ser					
Completion 7/12/20		te			Plug Bac	k Total Der	oth		Packer	Set at		
Casing Size 5.5			Weig 17.0	ht	Internal 1 4.95	Internal Diameter 4.95		Set at 6498		rations 0	то 6090	
Tubing Size 2.875			Weig 6.5	ht	Internal Dia 2.441		iameter Set at 6029		Perforations		То	
Type Completion (Single - Gas			escribe)		Type Flui Water	id Production	on	Pun		Pump Unit or Traveling Plung Plunger		' No
			nulus / Tubir	g)	% (Carbon Diox	kide		% Nitrog		Gas Gra	vity - G
Vertical E	Depth(i	- J)	<u> </u>			Pre:	ssure Taps				(Meter P	un) (Prover) Size
	Buildu	ID:	7/1	8	20 14 at 8			Taken 7/	19		14 at 8:00	(AM) (PM)
Well on L											at	
					<u>.</u>	OBSERVI	ED SURFAC	E DATA			Duration of Shut-in	24 Hours
Static / Orifice Dynamic Size Property (inches		:0	Circle one: Meter Prover Press psig (Pm)	Pressure Differential ure in Inches H ₂ 0	Flowing Well Head Temperature t t		(P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _j) or (P _o)		Duration (Hours)	Liquid Produced (Barrels)
Shut-In			poig (r iii)	1101103 1120	 		132	psia 146.4	132	146.4	24	
Flow		_										
			Chalana			FLOW ST	REAM ATTR	IBUTES			i	_ _
Plate Coelfiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m x h	Gravity Factor F _g		Temperature Factor		viation Metered Flor actor R F _{pv} (Mcfd)		W GOR Flow (Cubic Feet/ Flui Barrel) Grav G _n	
(D.)3			(D.)2		•	. ,	/ERABILITY	•				= 0.207
(P _c)² =	$\overline{}$	<u>-:</u>	(P _w)² =	Choose formula 1 or 2	P _d =			² - 14.4) +	14.4 =	:	(P _d) ²	" _
(P _c)²- (F or (P _c)²- (F	·	(F	P _c) ² - (P _w) ²	 P₀² - P₀² P₀² - P₀² divided by: P₀² - P₀ 	LOG of formula 1. or 2. and divide 2 by:	P _a ² . P _w ²	Šlop As	ssure Curve pe = "n" - or signed ard Slope	n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
				_								
Ones Fig.					OF male	-	Dalit	1174			1	
Open Flor	-			Mcfd @ 14	· <u></u>		<u>De</u> liverab				Vicfd @ 14.65 psia	
				n behalf of the ald report is tru						•	rt and that he has	knowledge of
				•			Received					
			Wilness (It any)	_		ORPORATION C			For C	отралу	
			For Comm	nission			JN 292	2015	_	Chec	ked by	

CONSERVATION DIVISION WICHITA, KS

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt s	status under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, L.L.C.
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
	nent installation and/or upon type of completion or upon use being made of the gas well herein named.
There	eby request a one-year exemption from open flow testing for the Brown 3-9
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
	her agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as n	necessary to corroborate this claim for exemption from testing.
Date: <u>5/</u>	11/2015
	Received Signature: \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	CORPORATION COMMISSION
	JUN 2 9 2015 Title: Katie Wright, Regulatory Analyst
	COMSERVATION 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.