KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

× -277

Type res						(See instruc	wons on me	everse Side	3)				
:	oen Flo eliverab				Test Dat 8/3/201					l No. 15 -033-20962 -	-0000		
Company		Ope	rating, L.L.C			<u> </u>	Lease Herrin	gton			1-4	Well No	umber
County Location Comanche 2555 FSL & 2415 FEL			Section 4		TWP 33S			/W)			Attributed		
Field Wilmore			Reservoi Missis				Gas Gathering Conn OneOk Energy Ser			JUN 05 20 A RECEIVED			
Completion Date 9/29/98			Plug Bac 5100	k Total Dep	th		Packer S None	Set at		JU	NOSA		
Casing Size Weight 4.5 11.6		1	Internal Diameter 4.0		Set at		Perforations 4878		то 4904	4 RECEIVE			
Tubing Size Weight 2.375 4.7			t	Internal I 1.995	Diameter		Set at Perforations 874		orations	То			
Type Con Single (1 (D	escribe)		Type Flui Water	id Productio	n		Pump U Pump	nit or Traveling Unit	Plunger? Yes	/ No	
Producing Annulus		(Anı	nulus / Tubing)	% (Carbon Diox	ide		% Nitrog	gen	Gas G	iravity - (G _ş
Vertical E	Depth(H	1)				Pres Flan	sure Taps Ge				(Meter 2.06)	. ,	rover) Size
Pressure	Buildu	p:	Shut in 8/2		0 14 at 8		-	Taken 8/	3	20	14 at 8:00		(AM) (PM)
Well on L	.ine:	;	Started	2	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)
	_					OBSERVE	D SURFAC	E DATA			Duration of Shut	_{t-in_} 24	Hours
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature Temperature		Wallhaad Proceure		Tubing Wellhead Pressure (P_w) or (P_f) or (P_c) psig psia		Duration (Hours)		id Produced (Barrels)
Shut-In			,				80 80	94.4	600	614.4	24		
Flow												<u></u>	
			1			FLOW STR	REAM ATTE	IBUTES					T
Plate Coeffictient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Gra Extension Fac ✓ P _m ×h F		tor	Flowing Temperature Factor F _{ft}		iation ctor py	Metered Flow R (Mcfd)	y GOR (Cubic F Barrel	eet/	Flowing Fluid Gravity G _m
(P _c) ² =		_;	(P _w) ² =_	:	(OPEN FL	OW) (DELIV 		') CALCUL _{°c} - 14.4) +		:) ² = 0.2) ² =	:07
(P _o)²- (F or (P _o)²- (F	o ²) ₂	(P	(_c) ² - (P _w) ²	incose formula 1 or 2. 1. P _a ² - P _a ² 2. P _a ² - P _a ² ivided by: P _c ² - P _a ²	LOG of formula 1. or 2. and divide	P _e ² - P _w ²	Sto	ssure Curve pe = "n" - or signed lard Slope	nx	rod	Antilog 	Deli Equals	pen Flow liverability s R x Antilog (Mofd)
Open Flow Mcfd @ 14.65 psia				Deliverat	rability Mcfd @ 14.65 psia								
											rt and that he ha		=
uie iacis si	iaieu (N	ereil	n, and that sai	d report is true	and correc	. Executed	ınıs the		uay of <u></u>	· <u>*</u>		, ;	₂₀ <u>15</u> .
			Witness (if	any)			-			Far C	omparty		
			For Commis	sion	,		-			Chec	ked by		

exempt status und and that the fore	er penalty of perjury under the laws of the state of Kansas the der Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake going pressure information and statements contained on this	e Operating, L.L.C. application form are true and
·	t of my knowledge and belief based upon available production : allation and/or upon type of completion or upon use being made	
I hereby requ	est a one-year exemption from open flow testing for the <u>Herrin</u>	ngton 1-4
	ounds that said well:	
(Check	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 und is on vacuum at the present time; KCC approval Docket No is not capable of producing at a daily rate in excess of 250 m	<u> </u>
•	e to supply to the best of my ability any and all supporting doc y to corroborate this claim for exemption from testing.	ruments deemed by Commission
Date: <u>5/11/2015</u>		•
	Signature: <u>Kutu WM</u> Title: <u>Katie Wright, Regulatory</u>	Àffut Analyst

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.