KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				•	((See Ins	struci	tions on Re	verse Side))			·		
✓ Op	en Flov	N				Task Dak					A D1	No. 45				
Deliverabilty				Test Date: 11/16/2013					API No. 15 15-007-1 678 9 / 9 ,0 23 - 0000							
Company Chesap		Op	perating,	nc					Lease Birdie	Clark			1-7	Well N	umber	
County L			Local C N2 N			Section 7				TWP 34S		/W)	Acres Attribute		Attributed	
Field Aetna			Reservoir Mississippi					Gas Gathering Connection OneOk Energy Services								
Completion Date 4/1/64				Plug Back Total Depth 4896					Packer S None	Set at						
Casing Size Weight 5 1/2 14			ht				Set a		Perforations 4848		то 4866					
_			Weig	Weight 4.7			Internal Diameter 1.995			Set at 4855		rations	То			
Type Completion (Describe) Single Gas			Type Fluid Production None					Pump Unit or Traveling Plunger? Yes / No Pump Unit								
Producing Thru (Annulus / Tubing) Annulus			% Carbon Dioxide					% Nitrogen Gas Gravity - G _g			G _g					
Vertical C)						Pres	sure Taps				(Meter	Run) (F	Prover) Size	
Pressure	Buildup	o:	Shut in11	/16	2	0 13 at 8	:00		(AM) (PM)	Taken_1	1/17	20	13 _{at} 8:00		(AM) (PM)	
Well on Line:			•		20 at											
-	_						OBSE	RVE	D SURFAC	E DATA			Duration of Shu	t-in_24	Hours	
Static / Dynamic Property	ynamic Size		Circle one: Meter , Prover Pressure		Pressure Flowing Temperature		Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	(might		psig (Pm)		Inches H ₂ 0		ļ'		psig 65	psia 79.4	psig 0	psia 14.4	24	+		
Flow	Flow															
			1.				FLOW	STR	EAM ATTR	IBUTES	<u> </u>					
Plate Coefficeient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	ension Fac		tor Ter		Fa	viation actor =	Metered Flor R (Mcfd)	w GOR (Cubic F Barrel	eet/	Flowing Fluid Gravity G _m	
P _c) ² =			(P _w)² =	_		(OPEN FL	·		ERABILITY % (F) CALCUL ² 。- 14.4) +				$()^2 = 0.3$ $()^2 =$	207	
			(P _c) ² - (P _w) ²		obsetermula 1 or 2: 1. $P_c^2 - P_a^2$ LOG of tormula 2. $P_c^2 - P_a^2$ Lor 2. and divided by: $P_c^2 \cdot P_a^2$		P _c ² - P _w ²		Backpressure Curve Slope = "n"or Assigned Standard Slope		,	roe [Antilog	O De Equal	Open Flow Deliverability Equals R x Antilog (Mcfd)	
														1		
Open Flo					/ Mcfd @ 14.	65 neia		·	Deliverab	sility			Mcfd @ 14.65 ps			
		<u> </u>	d acuthauite			· · ·										
					report is true								ort and that he h		20 <u>13</u>	
													W.	ر ا	MICHI	
			Witness	(if any	/)							For	Company			
			For Com	nissić	on				-			Che	cked by	EC	2 2013	
.*														REC	CEIVED	

I declare under penalty of perjury under the laws of the state of I xempt status under Rule K.A.R. 82-3-304 on behalf of the operator <u>Cr</u>	•
nd that the foregoing pressure information and statements containe	•
prrect to the best of my knowledge and belief based upon available p	
f equipment installation and/or upon type of completion or upon use be	
I hereby request a one-year exemption from open flow testing for the	
as 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	servoir undergoing ER
is on vacuum at the present time; KCC approval Do	ocket No
is not capable of producing at a daily rate in exces	s of 250 mcf/D
I further agree to supply to the best of my ability any and all suppo	orting documents deemed by Commissio
aff as necessary to corroborate this claim for exemption from testing	g. '
ate: 12/11/2013	
ale.	
Signature: Sarah Rodrigue	ez, Regulatory Analyst
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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.

DEC 12 2013
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