KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	ions on Rev	erse Side)					
□ Ор	en Flo	w			Test Date				ΛĐI	No. 15				
√ De	liverat	oilty			2-13-14	•				115-21350-0	00-00			
Company Range C		., Inc	.			V	Lease Du	uerkse	n A			v 1	Vell Nun	nber
County Location Marion SW/4 SE/4			Section 16	Section		TWP 19S		W)	٠.	Acres Attribute		tributed		
Field					Reservoir Mississi					hering Conne an Energies		LLC		
Completic	on Da	te			Plug Back 2884	Total Dept	h		Packer S	Set at	-			
Casing Size Weight 4 1/2" 10.5			Internal D	Internal Diameter		Set at 2884		Perforations 2856		To 2 864				
Tubing Size Weight 2 3/8" 4.7			Internal Diameter		Set at 2877		Perforations		•	То		*****		
Type Con	npletio	n (De				d Production			Pump Ur	nit or Traveling	Plunger?	Yes	/ No	
Producing tubing	g Thru	(Anı	nulus / Tubino	1)	% C	arbon Dioxi	de		% Nitrog	en		Gas Gra		g
Vertical Depth(H)				Pressure Taps							(Meter Run) (Prover) Size			
2884		•			4.4 4.4	flang			40			3.0"		
Pressure	Buildu		Shut in 2-9		0_14_at_10		(AM) ((BM)	Taken_2-	12		14 at 1		(<i>F</i>	\М) (РШ)
Well on L	ine:		Started 2-1	2 20	2 14 at 10	J:00	(AM) (EM)	Taken 2-	13	20	14 at 1	0:00	(/	(M)
						OBSERVE	D SURFACE	DATA			Duration o	of Shut-i	_{n_} 72	Hours
Static / Orifice Dynamic Size Property (inches		ze	Circle one: Meter Prover Pressu	f	Flowing Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			psig (Pm)	psig (Pm) Inches H ₂ 0		psigps		psia	psig psia 130		72			
Flow	0.3	75			60	60	100		100		24		20	
	l		1			FLOW STR	EAM ATTR	BUTES					· · · · · · · · · · · · · · · · · · ·	
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Grav Fact	or	Flowing Temperature Factor F _{tt}		iation ctor	Metered Flow R (Mcfd)	l l	GOR (Cubic Fed Barrel)		Flowing Fluid Gravity G _m
		,								12				
· .			(D.)3		•	, ,	ERABILITY)						= 0.20)7
(P _c) ² =		<u> </u>	(P _w) ² =	Choose formula 1 or 2:	P _d =		T	c - 14.4) +		 		(P _d) ²		
(P _c) ² - (I or (P _c) ² - (I	a,	(F	P _c) ² - (P _w) ²	 P_c² · P_a² P_c² · P_d² divided by: P_c² · P_c² 	LOG of formula 1. or 2. and divide by:	P _c ² - P _w ²	Slop	or = "n" orsigned ard Slope	nx	LOG	Antik	og	Deliv Equals	en Flow verability R x Antilog Mcfd)
				C W										
Open Flo)A/			Mcfd @ 14.	65 peia		Deliverab	ilib, 12			Mcfd @ 14	1 65 pei		
						A-A 114 1						•		
		•	•	n behalf of the aid report is true						ne above repo larch	rt and tha	t he has		edge of 0 <u>14</u> .
14013 3			, 56	report to true)ol	- m	Wind	Mon	,	
			Witness (i	fany)				7		For C	Company	100-11	,,,	
			For Comm	ission	,	MAR 1	4 2014 -		•	Chec	cked by		•	

	er penalty of perjury under the laws of the state of der Rule K.A.R. 82-3-304 on behalf of the operator _	
	going pressure information and statements contain	
		.,
	t of my knowledge and belief based upon available	
	allation and/or upon type of completion or upon use	
	est a one-year exemption from open flow testing fo	or the Duerken H "I
gas well on the gr	rounds that said well:	
(Check	cone)	
(Oneca	is a coalbed methane producer	
	·	
	is cycled on plunger lift due to water	vacantini indonesia. ED
	is a source of natural gas for injection into an oil	
	is on vacuum at the present time; KCC approval [
	is not capable of producing at a daily rate in exce	ess of 250 mct/D
l foutbou one		
_	e to supply to the best of my ability any and all sup	•
starr as necessar	y to corroborate this claim for exemption from test	ting.
	<i>₹</i>	
Date:	5 - 14	
•		
		1 10 100 11
	Signature:	m M. Washburn
		1 4 0
	Title: <u>Exp</u>	loration Mgr.
	Title: <u>Exp</u>	loration Mgr.

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

MAR 1 4 2014 RECEIVED