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KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruc	tions on Re	verse Side	9)				
Op	en Flov	,			Test Date				A 171	No 45			
√ De	liverabi	ty			1/16/20					' No. 15 3 -21096-00 -0	00		
Company Caerus \		o LLC					Lease RICE				41-34	Well Number	
County Cheyenr	ne		Locatio		Section 34		TWP 3S		RNG (E 42W	/W)		Acres Attribute	ed De
Field Cherry (Creek	_			Reservoi Niobrara					thering Conni	ection GATHERING		
Completion 12/2/200)	_		Plug Bac 1663'	k Total Der	oth		Packer \$	Set at			
Casing S 4.5"	ize		Weight 10.5#		internal [4"	Diameter	Set a 168		Perfo	rations 8'	To 1522'	,	_
Tubing Si 2.375"	ize		Weight		Internal [Diameter	Set a		Perfo	rations	То		
Type Con N2 Frac		(Describ	e)		Type Flui Brine \	d Production			Pump U		Plunger? Yes	/ No	
Producing	Thru	(Annulus	/ Tubing)	% C	Carbon Diox	dde		% Nitrog		Gas G	ravity - G	
ANNUL	.US				<1%				<1%				
Vertical D 1710'	epth(H)			-		Pres	ssure Taps				(Meter	Run) (Prover) 5	Size
Pressure	Buildup	: Shut	_{in} _1/16	<u> </u>	0_13_at_1	2:00PM	(AM) (PM)	Taken_1/	17	20	13 at 12:05	PM (AM) (P	M)
Well on L	ine:	Starte	ed	2	0 at		(AM) (PM)	Taken		20	at	(AM) (P	M)
						OBSERVI	ED SURFAC				Duration of Shut	t-in}}	Hours
Static / Dynamic Property	Orific Size (inche	e S) Prove	ircle one: Meter er Pressur sig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Mollhood	sing Pressure 	Wellhe	Tubing - pad Pressure r (P ₁) or (P _c) psia	Duration (Hours)	Liquid Produi (Barrels)	
Shut-In					THE STATE OF THE S		90	psia	poig	psid			
Flow				<u> </u>	_				<u> </u>			<u> </u>	-
						FLOW ST	REAM ATTR	RIBUTES			i		
Plate Coeffiec (F _b) (F Mcfd	ient p)	Circle (Meter Prover Pr psi:	or essure	Press Extension ✓ P _m x h	- Grav	tor	Flowing Temperature Factor F _{tt}	Fa	riation ictor = pv	Metered Flov R (Mcfd)	y GOR (Cubic Fo Barrel	eet/ Flui	id ⁄ity
÷		_				-						•	_
P _c) ² =	_	•	(P _w) ² =_	:	(OPEN FL		VERABILITY % (i	r) CALCUL P _a - 14.4) +		•	(Pa) ² = 0.207) ² =	
(P _c) ² - (I	"	(P _c)²-(P) ²	2. P _c ² - P _d ²	LOG of formula 1, or 2, and divide		Backpre Slo As	essure Curve pe = "n" - or esigned lard Slope	1		Antilog	Open Flow Deliverabili Equals R x Ar (Mcfd)	ity
	_			# 1 C 1 W									
					<u> </u>		<u></u>		_			<u> </u>	
Open Flo	<u> </u>			Mcfd @ 14.	65 psia	 -	Deliverat	oility			Mcfd @ 14.65 ps	<u></u>	
		=	•	behalf of the			•	8	o make ti	Apri)	rt and that he h	as knowledge o	
			Witness (if	anvl			-		Jan	Bour	Company K	CC WIC)
			TIJ ECOLUIT							→ rorc	windenia ()		
			For Commis	ssion			-			Chec	cked by	APR 09 2	2014

cempt status under	penalty of perjury under the laws of the state of Kansas that I am authorized to request Rule K.A.R. 82-3-304 on behalf of the operator <u>Caerus WashCo LLC</u>
d that the foregoir	ng pressure information and statements contained on this application form are true and
rrect to the best of	my knowledge and belief based upon available production summaries and lease records
	tion 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 RICE 41-34
s well on the grour	nds that said well:
(Check on	٠
· —	a coalbed methane producer
	cycled on plunger lift due to water
=	a source of natural gas for injection into an oil reservoir undergoing ER
	on vacuum at the present time; KCC approval Docket No.
	not capable of producing at a daily rate in excess of 250 mcf/D
ulæbi	
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ions: If a gas w	

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

APR 09 2014

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