KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

-1

Type Test	t:					('See Instruc	ctions on Re	verse Side,)			
Op	en Flow	,				Test Date	a:			API N	lo. 15		
√ Del	liverabil	ty				2/6/201					21044-00-0	00	
Company Caerus \		o LL	С					Lease RUEB F	FARMS			24-34	Well Number
County Cheyenr	ne		Locat SWSE			Section 34		TWP 3S		RNG (E/W 42W	<u>,</u>		Acres Attributed 160
Field Cherry C	Creek					Reservoi Niobrara			·		ering Conne STHROW	ection GATHERING	
Completic 9/30/200						Plug Bac 1674'	k Total Der	oth		Packer Se N/A	t at		
Casing Si 4.5"	ize		Weigh 10.5#			Internal [4"	Diameter	Set a 169		Perfora 1530		то 1544'	
Tubing Si 2.375"	ize		Weigh 4.75#			Internal [2"	Diameter	Set a - 155		Perfora		То	
Туре Con N2 Frac		(Desc	cribe)			Type Flui Brine \	id Productio	on		Pump Unit		Plunger? Yes	/ No
Producing ANNUL	_	Annul	lus / Tubin	g)		% C	Carbon Díox	dde		% Nitroger		Gas Ga	ravity - G _g
Vertical D						-170	Pres	ssure Taps		-170		(Meter	Run) (Prover) Size
	Buildup	: Sh	nut-in2/6		20	13 _{- at} 1	1:30AM	(AM) (PM)	Taken_2/	7	20	13 at 12:07F	PM (AM) (PM)
Well on L													(AM) (PM)
							OBSERV	ED SURFAC	E DATA		•	Duration of Shut	-inHours
Static / Oynamic Property	Orific Size (inche	e P	Circle one: Meter rover Pressi		Pressure** Differential in	Flowing Temperature t	Well Head Temperature		Pressure	Wellhead	bing I Pressure P ₍) or (P _e)	Duration (Hours)	- Liquid Produced (Barrels)
Shut-In	(psig (Pm)	+	Inches H ₂ 0		-	psig	psia	psig	psia -	-	-
Flow				+									
							FLOW ST	REAM ATTR	IBUTES				
Plate Coeffieci (F _b) (F Mofd	ient ;	Me Prove	rcie one: eter or er Pressure psia		Press Extension	Grav Fac F	tor	Flowing Temperature Factor F _{t1}	Devi Fac F	ctor	Metered Flow R (Mcfd)	v GOR (Cubic Fe Barrel)	eet/ Fluid Gravity
									-	-	=		- m
				<u> </u>		(OPEN FL	OW) (DELI	VERABILITY	-				
P _c) ² =		<u>; </u>	(P _w) ² =		se formula 1 or 2:	P _d =		_% (F	੍ਹ - 14.4) +	14.4 =	<u> </u>	(P _d)	P ² =
(P _c)²- (F or (P _c)²- (F	"	(P _c) ²	² - (P _w)²	1	$P_{c}^{2} - P_{a}^{2}$ $P_{c}^{2} - P_{a}^{2}$ $P_{c}^{2} - P_{c}^{2}$ $P_{c}^{2} - P_{c}^{2}$	LOG of formula 1. or 2. and divide by:	P _c ² -P _w ²	Slo	ssure Curve pe = "n" - or signed ard Slope	n x LC	og []	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
								-		-			
One- 5		-			Mold @ 44	es note		Dalissass	.1ti4.		_	Mold @ 44.05	
Open Flor					Mcfd @ 14.0			Deliverab	•			Mcfd @ 14.65 ps	
	-		•		ehalf of the eport is true			•	5	make the	April	rt and that he ha	as knowledge of, 20 <u>./4</u>
			Witness (-		- 6	For C	Company	KCC WICH
			For Comm	níssio	<u> </u>			-			Chec	ked by	APR U 9 2014
													RECEIVE

Acimpi dialad c	ider penaity of perjury under the laws of the onder Rule K.A.R. 82-3-304 on behalf of the o	e state of Kansas that I am authorized to reque perator_Caerus WashCo LLC	est —
		ts contained on this application form are true a	nd
orrect to the b	est of my knowledge and belief based upon a	available production summaries and lease recor	ds
	stallation and/or upon type of completion or u uest a one-year exemption from open flow t	upon use being made of the gas well herein name esting for the RUEB FARMS 24-34	ed.
	grounds that said well:		
(Che	ck one)		
	is a coalbed methane producer		
	is cycled on plunger lift due to water		
	is a source of natural gas for injection in	to an oil reservoir undergoing ER	
	is on vacuum at the present time; KCC a	pproval Docket No	
<u></u>	is not capable of producing at a daily rat	te in excess of 250 mcf/D	
•	* * * * * * * * * * * * * * * * * * * *	nd all supporting documents deemed by Commi	ssion
taff as necess	ee to supply to the best of my ability any arary to corroborate this claim for exemption		ssion
taff as necess	* * * * * * * * * * * * * * * * * * * *		ssion
aff as necess	* * * * * * * * * * * * * * * * * * * *		ssion
•	ary to corroborate this claim for exemption in the second		ssion
aff as necess	ary to corroborate this claim for exemption in the second	from testing.	ssion

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.