RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t: en Flo		0.12		(See Instr	ructions on F	Reverse Sid	θ)		1 1 201	
= :	liverab				Test Date 1/23/20					I No. 15 3-20932 - 00-	00	
Company Caerus \		Co L	LC		1723720		Lease CULV					Well Number
County Cheyenr	ne		Location SWNEN		Section 8		TWP 5S		RNG (E	/W)		Acres Attributed
Field Cherry C					Reservoi Niobrara				Gas Ga	thering Conn Y GATHERI	ection	
Completic 3/12/200	on Dat	е			Plug Bac 1578'	k Total D	epth		Packer N/A	Set at		·= -
Casing S 4.5"	ize		Weigh 10.5#		Internal I 4"	Diameter				erforations T 420' 1		
Tubing Si 2.375"	ize		Weigh 4.75#		Internal I	Diameter		t at .44'	Perf	orations	То	-
Type Con N2 Frac		n (De	escribe)		Type Flui Brine \		tion		Pump U YES,		g Plunger? Yes	/ No
Producing ANNUL	_	(Annulus / Tubing)			% C <1%	Carbon Di	ioxide		% Nitrogen <1%		Gas Gravity - G	
Vertical D		l)		-		Pi	ressure Taps				(Meter	Run) (Prover) Size
-	Buildu	p:	Shut in1/23	3 2	0_13_at_1	1:45AN	1(AM) (PA	/I) Taken_1	/24	20	13 at 12:55F	PM (AM) (PM)
Well on L	ine:	÷	Started	2	0 at		(AM) (PA	/I) -Taken	<u>-</u>	20	at	(AM) (PM)
				- 		OBSER	VED SURFA				Duration of Shut-	-inHours
Static / Dynamic_ Property	Orifi _ Siz (inch	ce Meter Differential		Flowing Well Head Temperature t		ure (P _w) or	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Tubing ead Pressure or (P ₁) or (P ₃) psia	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	ut-a	_		-			110	psia	psig	psia		
Flow			-				·					
			Circle one:		1	FLOW S	Flowing	TRIBUTES				Plants a
Coeffied (F _b) (F	Plate Coeffiecient (F _b) (F _p) Mcfd		Meter or over Pressure psia	Press Extension √ P _m x h	Gravity Factor F ₀		Temperature Factor F _{f1}		viation Metered Flo factor R F _{pv} (Mcfd)		w GOR (Cubic Fe Barrel)	Gravitu
			_	- ~		- [· •	-	•	-		
(P _c) ² =:		_:	(P _w) ² =	:	(OPEN FL		LIVERABILI [*]	ΓΥ) CALCUI - (P _e - 14.4) +		- :	(P _a) (P _d)	$a^2 = 0.207$
(P _c) ² - (F or (P _c) ² - (F	P _a) ²	(F	P _c) ² - (P _w) ²	Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_a^2$	LOG of formula 1, or 2, and divide	<u> </u>		oressure Curve Slope = "n" or Assigned ndard Slope	e	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flor				Mcfd @ 14.	65 psia		Deliver	ability			Mcfd @ 14.65 ps	ja
		gned	authority, or		-	states tha		•	to make t	he above repo	ort and that he ha	
		-	•	id report is true	• •		•	_		Apr	5/	, 20 <u>14</u> .
			Witness (it	any)			-		A	m for	Company	KCC WIC
	_		For Commi				_			Che	cked by	APR 0.9
			. o, confide							Olle		

I declare under penalty	of perjury under the laws of the state of Kansas that I am authorized to request
xempt status under Rule K	.A.R. 82-3-304 on behalf of the operator Caerus WashCo LLC
nd that the foregoing pres	ssure information and statements contained on this application form are true and
orrect to the best of my kno	owledge and belief based upon available production summaries and lease records
• •	d/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 CULWELL 41-8
as well on the grounds tha	it said well:
(Check one)	
	bed methane producer
	d on plunger lift due to water
<u>_</u>	rce of natural gas for injection into an oil reservoir undergoing ER
	cuum at the present time; KCC approval Docket No
[✓] is not ca	pable of producing at a daily rate in excess of 250 mcf/D
I further agree to supply	y to the best of my ability any and all supporting documents deemed by Commission
Trainier adree to subbli	y to the best of my ability any and all supporting documents deemed by confittission
	porate this claim for exemption from testing
	porate this claim for exemption from testing:
aff as necessary to corrol	porate this claim for exemption from testing:
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aff as necessary to corrol	
aff as necessary to corrol	- Signature:

-- 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.

APR 09 2014