KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	it:				(See Instruct	lons on Re	verse Side)			
_	en Flo				Test Date	9 ;			API	No. 15		
	eliverat	oilty			1/16/20	13			023	3-20836-00-0		
Company Caerus		Co L	LC				Lease RICE				31-34	Well Number
County Cheyenne			Locati NWNW		Section 34			TWP 3S		(W)	Acres Attributed 160	
Field Cherry Creek					Reservoir Niobrara				Gas Gathering Connection STONES THROW GATHERING			
Completion Date /1/2008					Plug Back Total Depth				Set at	_		
asing S		_	Weigh 10.5#		Internal [Diameter	Set at 1651'		Perforations 1520'		то 1534'	
Tubing Size			Weight		Internal Diameter		Set at		Perforations		To	
.375" ype Cor	mpletio	n (De	4.75# escribe)	<u> </u>		d Production		66'			Plunger? Yes	/ No
12 Fracture					Brine Water				PU	0		
Producing Thru (Annulus / Tubing)				% C <1%	% Carbon Dioxide				% Nitrogen <1%		Gas Gravity - G	
ertical E	Depth(l	H)				Pres	sure Taps		•		(Meter I	Run) (Prover) Size
ressure	Buildu	 .p: :	1/1	6 2	0 13 at 8	:00AM	(AM) (PM)	Taken 1/	17	20	13 _{at} 9:45Al	M (AM) (PM)
`			0 at	at (AM) (PM) Taken			20 at			(AM) (PM)		
				-		OBSERVE	D SURFAC	E DATA		-	Duration of Shut-	inHours
Static / Orifice		ze	Circle one: - Meter Prover Pressi	Differential	Temperature Temper	Well Head Temperature	ature Wellhead Pressure		Wellhead Pressure (P,) or (P,) or (Pc)		Duration (Hours)	Liquid Produced (Barrels)
roperty	(incl	163)	psig (Pm)	Inches H ₂ 0	t	\	psig	psia	gleq	psla		
Shut-In 		_	<u>-</u> .				83					
11000	<u> </u>					FLOW STR	L REAM ATTE	RIBUTES				
Plate	e		Circle one:	Press	Grav		Flowing		viation	Metered Flow	GOR	Flowing
Coefficient (F _b) (F _p) Mold			Meter or ver Pressure psia	Extension P _m x h	Fac	tor 1	Temperature F		F _{pv} (Mcfd)		(Cubic Fe Barrel)	Gravity
-												
°c)'² =			(P_)2=		(OPEN FL	OW) (DELIV		/) CALCUL P _e - 14.4) +		- : -	(P _a)	2 = 0.207 2 = -
		<u>-</u> `_		Choose formula 1 or 2	;		Backpre	essure Curve		<u></u>	. 4/	Open Flow
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P	'c)2 - (P _w)2	1. P _c ² - P _c ² 2. P _c ² - P _d ² divided by: P _c ² - P _d ²	LOG of formula 1. or 2. and divide by:	P _c ² - P _w ²	Slope = "n" or Assigned Standard Slope		n x LOG		- Antilog -	Deliverability Equals R x Antilog (Mcfd)
				writing by to Tw								
)pen Flo				Mcfd @ 14.	65 pois		Deliveral	hility			Mcfd @ 14.65 ps	
			l authority -			staton that h			o maka t			as knowledge of
		•	•	aid report is true			-	_8	day of	April	t and that he ha	, 20 <u>/4</u> .
								/	Jan.		to K	CC MICH
			Witness (if any)			•			(C) For C	ompany	ADD O A SOU
			For Com:	nission						Chec	ked by	4rk U 9 2014
												RECEIVED

exempt status und and that the foreg correct to the bes of equipment insta thereby requ	ŕ	304 on behalf of the mation and statement of belief based upor the properties of completion of the properties of the pro	operator Caerus Vents contained on the available production use being ma	VashCo LLC nis application form on summaries and leade of the gas well he	are true and ease records
_	is a coalbed methar is cycled on plunge is a source of natura is on vacuum at the is not capable of pro- e to supply to the bes y to corroborate this	er lift due to water al gas for injection i present time; KCC oducing at a daily r	approval Docket No rate in excess of 25 and all supporting o	o 0 mcf/D	by Commission
Date: 4/8	*/ <u>/</u>				
			-		

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. **KCC WICHITA**

APR 09 2014