KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:					(See Inst	ruct	ions on Re	verse Sid	θ)							
□ Ор	en Flo	w				Test Date	٠.					API N	0 15					
√ De	liverat	ilty				3/6/201							20328-00	-00				
Company Caerus		Co L	.LC						Lease BARNH	ART			•		28-9-1	Well No	umber	
County Location Cheyenne SWNESE					Section 28		TWP 3S			RNG (E/W) 42W			Acres Attributed 160					
Field Cherry Creek					Reservoir N <u>io</u> brara			Gas Gathering Conn STONES THROW				nectic V GA	ection GATHERING					
Completion Date 12/1/1993					Plug Bac 1609'	k Total E	h	1			Packer Set at N/A				_			
Casing Size Weight 4.5" 10.5#					Internal Diameter 4"			Set at 1645'			Perforations 1460'			т _о 1488'				
Tubing Size Weig N/A N/A				nt		Internal (N/A	Internal Diameter N/A			Set at N/A			Perforations			То		
Type Completion (Describe)					Type Flui Brine \		ı.	-			or Traveli	ng Plu	unger? Yes / No					
Producing Thru (Annulus / Tubing) CASING					% C	arbon D	de	9			% Nitrogen <1%			Gas Gravity - G				
Vertical Depth(H) 1655'						Pressure Taps								(Meter Run) (Prover) Size				
Pressure Buildup: Shut in 3/6			3	20_13 at_8:40A				AM (AM) (PM) Taken 3/			7 20 20			3 at 8:50AM		(AM) (PM)		
Well on Line: Started			20	20 at			(AM) (PM) Taken			20			_ at (AM) (F		(AM) (PM)			
							OBSE	₹VE	D SURFACE	E DATA			-	Dur	ation of Shut-	-in	Hours	
Static / Dynamic Property	Orifice Meta Size Prover Pr		Circle one: Meter Prover Pressi psig (Pm)	Differential in		Flowing Temperature t	Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)			Tubing Wellhead Pressure (Pw) or (P1) or (Pc)			Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			poig (i iii)		11101103 1120				psig 55	psia	1	psig	psia			_		
Flow													-					
							FLOW	STR	EAM ATTR	IBUTES							 	
Plate Coeffied (F _b) (F Mofd	ient ,)	Pro	Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Fac	Gravity Factor		Flowing Temperature Factor F _{I1}		Factor R		Metered F R (Mcfd)	(Cubic Fee			Flowing Fluid Gravity G _m	
										-	-							
- (P _c) ² =		:	(P _w) ² =	_	- :-	(OPEN FL		_	ERABILITY) CALCU			-	-	- (P _e)) ² = 0.2) ² =	207	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _a) 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	P _c ² -P _w ²		Backpressure Curve Slope = "n" 01 Assigned Standard Slope			=			Antilog	O De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
						ļ									_			
					14-5) @ 444	05!-			Datharak	. 100 A				14-4		<u></u>		
Open Flo					Mcfd @ 14.0				Deliverab	•					d @ 14.65 ps			
		•	d authority, o						•	_		nake the	above re	port a	nd that he ha		vledge of 20 <u>/4</u> .	
								_	_			B	- Y	Zan.	1	KC	C WICH	
			Witness ((if any)			-	-		4		00	or Compa	any		R 0 9 2014	
			For Comm	nissio	n			_	-	_		_	C	hecked t	ру			
																I -	RECEIVE	

	I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Caerus WashCo LLC
	and that the foregoing pressure information and statements contained on this application form are true and
	correct to the best of my knowledge and belief based upon available production summaries and lease records
	of equipment installation 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 BARNHART 28-9-1
	gas well on the grounds that said well:
_	(Check one)
	is a coalbed methane producer
	is cycled on plunger lift due to water
	is a source of natural gas for injection into an oil reservoir undergoing ER
	is on vacuum at the present time; KCC approval Docket No
	is not capable of producing at a daily rate in excess of 250 mcf/D
-	I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
	Date: 4/8/14
_	
	Signature:
-	Title: Operations Engineer
-	_ ` ` ` - ` -
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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. signed and dated on the front side as though it was a verified report of annual test results.

APR 09 2014