KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

ميتز

Type Test:		0.0		(See Inst	ructions c	n Reve	rse Side)					
_ `	r Flow erabilty			Test Date 4/24/20						No. 15 -20915-00-0	n		
Company	aabCa I			4/24/20		Lea			020	20010 00 0		Well Number	
Caerus WashCo LLC County Location				Section			TWP		RNG (E/W)			Acres Attributed	
Cheyenne NWSESE Field				5 Reservoir					40W Gas Gathering Connection			160	
Cherry Creek				Niobrara					DRURY GATHERING				_
Completion 4/29/2008				Plug Bac 1546'	k Total L	Jepth			Packer S N/A	et at			
Casing Size Weight 4.5" 10.5#				Internal Diameter			Set at 1470'		Perforations 1404'		то 1416'	To 1416'	
Tubing Size Weight				Internal Diameter			Set at		Perforations		То	To _	
2.375" Type Comp		4.75# escribe)		2" Type Flui			1439'		Pump Un	it or Traveling	Plunger? Yes		·
-N2 Fractu	ure			- Brine-\	Vater-				Yes, P	⊎— - <u></u> -			
Producing 1 Annulus	Thru (Ani	nulus / Tubing)		% Carbon Dioxide			% Nitrogen <1%		en	Gas Gra	avity - G _g	-	
Vertical Dep	pth(H)		-	-	_ F	ressure T	aps	-	_	-	(Meter F	Run) (Prover) Size	
1590'		4/24		0_13 ⁻ at ⁻ 8	:20AM			4/2	25		13 _{at} 8:47AN	<u> </u>	· —
Pressure Bu	•	Snut.in	2									, , , ,	
	e:, _	Started		uat		(AM)	(PM) _i	aken			at	(AM) (PM) ·	
		Chala ana -			OBSE	RVED SU					Duration of Shut-	inHours	
Static / Dynamic	Orifice Size	Circle one: - Meter Provet Pressure	Pressure Differential	Flowing Temperature	Well He Tempera	tura We	Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _i) or (P _a)		Duration (Hours)	Liquid Produced (Barrels) –	_
Property 1	(inches)	psig.(Pm)	Inches H ₂ 0	- t	t		ig .	psia.	psig	psia-			
Shut-In						.115	5	-					
Flow													
_ 	- 7	<u> </u>			FLOW	STREAM		BUTES	T			- 	ı <u>-</u> -
Plate Coeffiecier		Circle one: Meter or	Press Extension			Temper	emperature F		riation Metered Flow		GOR (Cubic Fe	Flowing Fluid	
(F _b) (F _p) Mofd	Pro	psia	✓ P _m xh F		.	Fact F _{in}		F _p		(Mcfd)	Barrel)	Gravity G	
					-					<u> </u>			
	_			(OPEN FL	OW) (DE	LIVERAB	SILITY) (CALCULA	RIONS		(P _a) ²	²= 0.207 _	
(P _c) ² =	<u></u> :-	(P_)2 =_	hoose formula 1 or 2	P _d =				- 14.4) + ·	14.4 =	= = = ; -	- (P _d):		i -
(P _c) ² - (P _a))² (F	P _c) ² - (P _w) ²	1. P _c ² P _a ²	LOG of formula			Backpressure Cur Slope = "n"		nxl	.og []	Antilog	Open Flow Deliverability	
(P _c)2- (P _d))²	ď	2. P _c ² -P _c ² wided by: P _c ² -P _c ²	1. or 2. and divide by:	P.2 - P.	2	Assiç Standar				Annog	Equals R x Antilog (Mcfd)	
				 	:			•					
				,	<i></i>								-
Open Flow			Mcfd @ 14.			L Del	liverabili	itv			Mcfd @ 14.65 psi	ia	J
	dersione	d authority. on			states th				make th		rt and that he ha		•
	-	in, and that sai						_		April		20 14.	
*		,	•,						. –	2 //	, f=		ンレリア
		Witness (if i	any)			_	_			FOR	Company	KCC WIC	∕1711 1
		For Commis	sion							Ghed	ked by	APR 0 9	2014
												RECEI	VED

exempt status und and that the foreg correct to the best of equipment insta I hereby requa	er Rule K.A.R. 82-3-30 oing pressure information of my knowledge and illation and/or upon typest a one-year exempt ounds that said well:	04 on behalf of the operation and statements belief based upon avoce of completion or upon from open flow test producer	state of Kansas that I ar rator Caerus WashCo I contained on this applic allable production summ on use being made of the ting for the McCALL 44	eation form are true and earies and lease records gas well herein named.	-
	is a source of natural is on vacuum at the process is not capable of process to supply to the best.	I gas for injection into present time; KCC app ducing at a daily rate of my ability any and	in excess of 250 mcf/D all supporting document	ng ER	n
Date:	to corroborate this cl	aim for exemption fro	m testing.		-
		Signature:	Asm Bruts	,	

-Instructions:

If-a-gas-well-meets-one-of-the-eligibility criteria set-out in KGC-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**