KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(See Instru	ctions on Re	everse Side))					
Open Flow			Took Date				A DI	No 45						
✓ Deliverability			Test Date: 7/14/15					No. 15 155-21012-0	00-00					
Company WOOLSEY OPERATING COMPANY, LLC				Lease SCHWEIZER					Well Number					
County Location RENO NE SW NE			Section 33		TWP 22 S			W)	Acres Attributed		Attributed			
Field CANTW	ELL S	SOU	TH		Reservoi MISSIS			Gas Gathering Conn WEST WICHITA G						
Completion 10/2/84	on Dat	э			Plug Back Total Dept 3750		pth	Packer Se NONE		Set at			OC MI	
Casing Size 5.500		Weight 14.00		!	Internal Diameter 5.012		Set at 3876		Perforations 3492		то 3508		No. 17 2	
Tubing Size 2.375			Weigh . 4.7,0		Internal I 1.995	Diameter 	eter Set at 4345		Perforations OPEN		То		KCC WILL AUG 17 20 RECEIVED	
Type Completion (Describ			escribe)		Type Fluid Production WATER		on	Pump (PUM			Plunger? Yes	/ No	· · · · · · · · · · · · · · · · · · ·	
T115111	_ '		nulus / Tubing)	% C	Carbon Diox			% Nitrog	en	Gas G	ravity -	G _g	
Vertical E 3500	Depth(F	1), 1	- (Pre	ssure Taps				(Meter	Run) (I	Prover) Size	
Pressure	Buildu	p:	Shut in	2	0_15_at		_ (AM) (PM)	Taken_7/	15	20	15 at		(AM) (PM)	
Well on L	ine:		Started	2	0 at	_	. (AM) (PM)	Taken		20	at		(AM) (PM)	
						OBSERV	ED SURFAC	E DATA			Duration of Shut	:in	Hours	
Static / Orifice Dynamic Size Property (inches		е	Girale one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	e Wellhead	Casing Wellhead Pressure $(P_w) \text{ or } (P_t) \text{ or } (P_a)$		rubling ad Pressure r (P _c) or (P _c)	Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	.500		poig (i iii)	Ittorico Fi ₂ o			340	psia	gsig 380	psia	24			
Flow														
						FLOW ST	REAM ATTE	IBUTES						
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m xh	Grav Fac F	tor	Flowing Temperature Factor F _{tt}	Fa	iation ctor pv.	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
(D.)3			(5.)2		•		VERABILITY	•		<u></u>) ² = 0.	207	
(P _c) ² =		=:_	(P _w) ² =	Choose formula 1 or 2.	P _d :=			P _c - 14.4) +	14.4 =	:	(P _d) ² =	 _	
(P _o) ² - (F or (P _o) ² - (F	•	(F	P _e) ² - (P _w) ²	1. P _c ² -P _a ² 2. P _c ² -P _d ² iivided by: P _c ² -P _c ²	LOG of formula 1. or 2. and divide	P _a ² - P _w ²	Slo As	essure Curve pe = "n" - or ssigned lard Slope	n x l	rog	Antilog	De	Open Flow eliverability Is R x Antilog (Mcfd)	
_				777200 57. 1 C W		<u>-</u> -								
							<u> </u>							
Open Flow			Mcfd @ 14.65 psia				Deliverability				Mcfd @ 14.65 psia			
The i	unders	igned	d authority, or	behalf of the	Сотралу, з	states that	he is duly a	uthorized to	o make th	e above repo	rt and that he h	as kno	wledge of	
the facts s	tated t	herei	n, and that sa	id report is true	and correc	t. Execute	d this the <u>3</u>	1	day of	JLY		;	20 15 .	
		···	Witness (If	any)					w	For C	company			
			For Commi	ssion			-			Chec	ked by			

exempt status un and that the fore correct to the bes of equipment inst	der penalty of perjury under the laws of the state of Kansas the der Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY going pressure information and statements contained on this st of my knowledge and belief based upon available production stallation and/or upon type of completion or upon use being made test a one-year exemption from open flow testing for the SCHV rounds that said well:	OPERATING CO, LLC application form are true and summaries and lease records of the gas well herein named. WEIZER 1					
(Checi	k one)	KCC WICH!TA AUG 17 2015 RECENT					
	is a coalbed methane producer	AUG 17 2015					
	is cycled on plunger lift due to water	RECE:					
	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						
\checkmark	is not capable of producing at a daily rate in excess of 250 m	ncf/D					
_	ee to supply to the best of my ability any and all supporting docury to corroborate this claim for exemption from testing.	uments deemed by Commission					
	Signature: <u>Um ll O</u> Title: <u>FIELD MG</u> R.	Allang C					

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.