KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:			(See Instructions on Reverse Side)										
Oper	n Flow		Test Date:							No 15 -077	′-20195- 0 0	100	
X Deliv	rerabilty				Test Date) :			API	NO. 15 -0//	F0130-00	· • •	
Сотрану			<u> </u>		1		Leáse'		-;			Well Number	
On's	hore	LLC			•	•	Ra	11 #1		6.8.	2.1		
County			ation	-	Section	1	' TWP	11 #1	RNG (E/			Acres Attributed	
Har	per	C	E2 SW	SW	🤫 26 - 31	LS-9W		. 1		19 17 6 V A			
Field . Spi	vey (Grabs	-		Reservoir Miss	r : /			Gas Gat	pering Conne Conne	ction	· +	
Completion	Date			14"	Plug Bac	k Total Dep	th	71.5	Packer S	et at		د ال	
<u>8/22/7</u>		<u></u>			44(<u> </u>	
Casing Size			Weight -		Internal Diameter		Set at		Perforations		To 4300		
4-1/2			10.5 Weight		Internal Diameter		0-1-01		perf		4399 4402		
ubing Size 2-3/8		wei	gnt	Internal Diame		Jiameter	Set at		Perforations		То		
Z-3/0 Type Comp)escribe)			Tuno Elui	d Productio		· · · · · · · · · · · · · · · · · · ·	Bump Ha	it or Travalina	Plunger? Yes	/ No	
		il & ga:	.)								-iunger: _ res	, NO	
		nulus / Tubing)				arbon Dioxi		altwater · · ·		-:	Gas Gravity - G		
annul			9/	A CAIDON DIO					% Nitrogen		the same of the sa		
Vertical Dep			- ,		· "	Pres	sure Taps		7 7.	1	: (Meter F	Run) (Prover) Size	
,	, ,			•						***	· -		
		Shut in _0	ct 3:	2013	1	· OOnm	· · · · · · · · · · · · · · · · · · ·	00	·+ 4	2013	:at 1:30p		
Pressure Bu	uildup:	Shut in		<u></u>	0 at	. 00pm	(AM) (PM)) Taken	, C 7, 9	20(at	OM (AM) (PM)	
Vell on Line	e:	Started		20) at		(AM) (PM) Taken		20 _	at	(AM) (PM)	
							, , ,	<u> </u>					
,1	•				· ·	OBSERVE	D SURFAC	CÉ DATA			Duration of Shut-i	inHours	
Static /	Orifice	Circle one	1	ssure	Flowing	Well Head	Ca	ising ·	- To	ibing	•	*	
ynamic	Size	Meter Prover Pres.	1	rential in	Temperature	Temperature		i i		d Pressure	Duration (Hours)	Liquid Produced (Barrels)	
roperty ((inches)	psig (Pm	- 1	es H ₂ 0	t t		(P _w) or (P _t) or (P _c) psig psia		(P_w) or (P_t) or (P_c)		(110010)		
Shut-In						*	350	364.4					
:		-								- 			
Flow		<u> </u>											
_					. •	FLOW STR	EAM ATT	RIBUTES					
Plate		Circle one:	Pri	ess ·	Cross		Flowing		.		905	Flowing	
Coefficcien		Meter or		nsion	Gravi Facto	1 1	iemperature	3	Deviation Metered F		GOR (Cubic Fee	Fluid Fluid	
(F _p) (F _p) Moid	Pro	psia	/ /	P _m xh	F,	1	Factor F		F _{pv} (Mcfd)		Barrel)	Gravity G _m	
			 	-			111		, -				
<u> </u>			<u> </u>		<u></u>								
					(OPEN FLC	OW) (DELIV	ERABILITY	/) CALCULA	ATIONS	,	(D.)3	= 0.207	
)² =	:	(P _w) ²	=		P _d =_			P _c - 14.4) +		•	(P _d) ²		
<u> </u>	\overline{T}		Choose form	nula 1 or 2:				- 	· · · · - <u></u>		76.7		
		P _c) ² - (P _w) ²	1. P _c ²	- P _a ²	LOG of formula		Backpressure Curve Slope = "n"		n x LOG			Open Flow Deliverability	
or (P _e) ² - (P _a) ²	2		2. P _c ²	•	1. or 2. and divide p 2 p 2		2 Assigned		* .] "		Antilog	Equals R x Antilog	
			divided by:	65- 65	by		Stand	dard Slope		<u> </u>	** *	(Mcfd)	
	i							•					
						· •••• ••• ••	,			~ .			
	2:		· .		<u> </u>		12 1		1	<u> </u>			
en Flow		,	Mcfd	@ 14.6	5 psia		Deliverat	oility		. M	ofd @ 14.65 psia	ı.	
the und	a. Ioreianaa	Lautharity	n hohaif	of the C	`amaanii at			شمأ استستشد عامر	المسام المساد	3_1		lean dada at	
			•		•						and that he has	Miowieage of	
facts state	ed therei	n, and that s	aid report	is true :	and correct.	Executed	this the 🔙	31st a	ay of	Oct 201	.J	, 20	
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		Witness	it anul	<u> </u>		<u>···</u> ''	11.37	la bu		/ For Corr	K	CC MICH	
		*************	miy]					John M	Kelley	rarcon	-	MON AL AS-	
	:-	For Com	nission				-			Checke	i by	N OV-04-2 01:	
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		••										RECEIVE	

も付きた。 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_ Onshore LLE 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 Rall #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. Oct 31, 2013 Date: Signature owner-operator Title:

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.