Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

	t: en Flo eliverat				Test Date 7-21-15	e:	ructi	on's on Revo	arsė Side	A	PI No. 15 75-2012		00			
Company	ATIO	V EN	JERGY M	anayement	(3372	7		Lease" HUTCHII			ī	†	1 .,	. v	Véll Nu	mber
County SEWAR			Loca	tion	Section	• •		TWP 34S		RNG (<u> </u>	<u> </u>		cres A	ttributed
Field ARKAL(0 1,13		Reservoir	r ,		, .			athering	**.		٠.		
Complete	on Dal	е	and the second s	÷	Plug Bac		eptř	າ ້	· ,		Set ät	(f 1 '1 . 1	, 1	**************************************	χ.
Casing Size Weight 4.5 10.5				Internal Diameter 4.052			Set at 6133	Perforations 57.90			_	To 5857				
	Tubing Size Weight			Internal Diameter 1.995			Set at 5782	Perforations			То			·		
Type Cor SINGLE				THE PROPERTY OF STREET AND ADDRESS OF STREET	Type: Flui	d Produc	tion			Pump NO	Unit or Tr	avelin	g Plunger?	Yes	/ No	
Producing	_	(Anr	nulus / Tubir	ig)	% C	arbon Di	ioxid	le	•	% Nitro	og en _	`,		as Gra	vity - G	i _g
Vertical D 5824	Depth(l	1)	·	4	,			ure Taps . IGĘ		<u>-</u> .	• •				iun) (Pr	over) Size
D. T. C.	Buildu	p: :	Shut in 7-	17-15	0 <u>··</u> at _0	945		(AM) (PM) 1	aken 7-	20-15	1 1	20	0:at	945		AM) (PM)
Well on L			Started $\frac{7-2}{2}$	20-15 20	o at0!	945		(AM) (PM) 1						945	•	AM) (PM)
			• ,	· ·		OBSER	VE	SURFACE	DATA		•		Duration o	í Shut-i	24.) Hours
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Press psig (Pm)	Differential in	Flowing Well H Temperature Temperat		wellnead Pressure		ressure or (P _E)	Tubing Wellhead Pressure (P _m) or (P _t) or (P _c) psig psia		Duration (Hours)		Liquid Produced (Barrels)		
Shut-In							304.3	l l		1010	72.0		(-			
Flow	w .375 18.7		5.0	66	75	75 78		92.9				24.0	24.0		0	
ſ <u></u>						FLOW S	TRI	EAM ATTRIE	UTES		· · · · · · · ·					
Plate Coeffictient (F _b) (F _p) Mofd		Circle one: Mater or Prover Pressure psla		Press Extension ✓ P _m x h	Extension Fact		Τε	Flowing emperature Factor F _{II}	Deviation Factor F _{py}		or R		w GOR (Cubic Fer Barrel)		t/	Flowing Fluid Gravity G _m
.6847		33	.10	12.86	1.225	4	099	943	1.003	2	10.8	···	NON	IE .		0.666
$(P_c)^2 = 9$	2.6	:	(P _w) ² =	<u>8.6</u> :		OW) (DEI 30.5	.IVE	RABILITY)	CALCUL. - 14.4) +			_;		(P _a)² (P _d)²	= 0.2	07
(P _c) ² - (I		(P	_c)² - (P _w)²	Choose tormuta 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_a^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1, or 2, and divide	P.* - P.,*		Backpress Slope Assig Standar	ined <u>r</u>	n ;	· LOG		Antilo	9	Deli Equals	en Flow verability R x Antilog Mofd)
			,			·					2 m & 1	1 -	,			
92.39		83.	.97	1.100	0.0415	<u> </u>		0.850		. , 0. :	0353	١,	1.0847		11.6	8
Open Flo		,	4	Mcfd @ 14.	7.77	· } · p · r· n	7	Deliverabili			<u>्र</u> इ.स. ३					
				on behalf of the								e repo	ort and that	he has		
CON	ialeo (nerel	ii, and that s	aid report is true	Ser.	KCC			Preni	iay of : Silow	" (1)		lio a	Toa	-na	20 15
77			Witness	(if any)	<u> </u>			7 2015—	<i>انهای</i> د. با	Ms	the	For	Cophpany Draw	1)	<u>""</u>	
			For Com	nission				EIVED	· ··· •	-	7	Che	ocked by	-		

	e de la companya de l							
	r penalty of perjury under the laws of the state of Kansas that I am authorized to request							
exempt status unde	er Rule K.A.R. 82-3-304 on behalf of the operator							
and that the forego	oing pressure information and statements contained on this application form are true and							
correct to the best of	of my knowledge and belief based upon available production summaries and lease records							
of equipment instal	lation and/or upon type of completion or upon use being made of the gas well herein named.							
I hereby reques	st a one-year exemption from open flow testing for the							
gas well on the gro	unds that said well:							
(Check d	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							
-	to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.							
Date: 7/24/2	RO15							
	·							
1	Signature: Latte O'll							
	Title: HSE/Meydortzry Tech							

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.

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