## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(-	See Instruct	ions on Rev	erse Side	)				
□ Ор	en Flov	N			Test Date				ADI	No. 15			
Del	liverab	ity			06/09/20	•				175-21752-0	0000		
Company MERIT E		GY (	COMPANY				Lease HEADRI	СК				Well No A- 3	umber
County SEWAR	D		Locatio 600' FSL	n & 1980' FEL	Section 11		TWP 35S		RNG (E/ 34W	W)		Acres . 640	Attributed
Field ARCHE	R		**	***************************************	Reservoir LOWER		V/CHESTE	R	Gas Gati APC	nering Conne	ection		
Completic 10/1998		Ð			Plug Back 6641'	c Total Dept	h	•	Packer S NA'	et at			
Casing Si 5.5	ize		Weight 15.5#		Internal D 4.95	iameter	Set at 6719		Perfor	rations 1"	то 6192'		
Tubing Si 2.375	ize		Weight 4.7#		Internal D 1.995	lameter	Set at 6159		Perfo	rations	To <b>NA</b>		
Type Con Commin		) (De	escribe)		Type Fluid WATE	d Production	1		Pump Ur NO	it or Traveling	Plunger? Yes	/ No	
Producing	_	(Anr	iulus / Tubing)		% C	arbon Dioxi	de		% Nitrog	en	Gas G	ravity -	G,
Vertical D	Depth(H	l)				Press FLA	sure Taps NGE				(Meter	Run) (F	Prover) Size
Pressure	Buildu	p: :	Shut in	8/2014 2	0at_8	30 AM	(AM) (PM)	Taken 06	5/09/201	4 20	at_8:30 A	M	(AM) (PM)
Well on L	.ine:	;	Started	2	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)
						OBSERVE	D SURFACE	DATA			Duration of Shut	-in_24	Hours
Static / Dynamic Property	Orifi Siz (inch	8	Circle one: Meter Prover Pressui	I	Flowing Temperature t	Well Head Temperature t	(P") or (P'	ressure ) or (P <sub>c</sub> )	Wellhe (P <sub>w</sub> ) or	ubing ad Pressure (P,) or (P <sub>c</sub> )	Duration (Hours)		iid Produced (Barrels)
Shut-In	.75		psig (Pm)	Inches H <sub>2</sub> 0			144.0	psia	psig	psia	24		
Flow													_
		_				FLOW STR	EAM ATTRI	BUTES			1		
Plate Coeffied (F <sub>b</sub> ) (F	ient ,)	Pro	Circle one: Meter or over Pressure psia	Press Extension P <sub>m</sub> x h	Grav Fact F <sub>c</sub>	tor 1	Flowing femperature Factor F <sub>11</sub>	Fa	iation ctor r pv	Metered Flov R (Mcfd)	v GOR (Cubic Fi Barrel	eeV	Flowing Fluid Gravity G <sub>m</sub>
	ļ			<del></del>				<u> </u>					
(P,)² =		:	(P <sub>w</sub> ) <sup>2</sup> =_	:	(OPEN FL		'ERABILITY) % (P.	CALCUL + (14.4 - ـ		:		$\int_{0}^{2} (t^{2} - t^{2})^{2} = 0.$	207
(P <sub>c</sub> ) <sup>2</sup> - (I	P <sub>0</sub> ) <sup>2</sup>		P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Theorete formula 1 or 2  1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ Tivided by: $P_c^2 - P_w$	LOG of formula 1. or 2. and divide		Backpres Slop Ass	sure Curve e = "n" origned ard Slope	n x	.0G	Antilog	De	Open Flow Hiverability Is R × Antilog (Mcfd)
												<u> </u>	
Open Flo	)W			Mcfd @ 14	.65 psia		Deliverabi	lity			Mcfd @ 14.65 ps	sia	
	-	igne	d authority, on			states that h		thorized t		ne above repo	ort and that he h		wledge of
the facts s	stated t	herei	in, and that sa	id report is tru	e and correc	t. Executed	this the <u>22</u>	ND	day of D	ECEMBER			20 <u>14</u> .
			Witness (if	any)	KA	Red NSAS CORPOR	ceived Ration commis	SSION-	MERI		GY COMPA Company	ANY	
			For Commi			DEC 2	2 9 2014 <sup>3</sup>	IANNA	BUR	ΓON ⊶€	Jama B	<del>مل</del> تی	<b>~</b>

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 HEADRICK A-3  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
I hereby request a one-year exemption from open flow testing for the HEADRICK A-3  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
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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 Commiss staff as necessary to corroborate this claim for exemption from testing.
Date: DECEMBER 22, 2014
Signature: JANNA BURTON Jama Buston  Title: REGULATORY ANALYST

## 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.