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

Type Test	t:		ONL	, Ollvi O	(		tions on Rev			CHADILII	1 11231		
Open Flow ✓ Deliverability				Test Date: 6/30/2014				API No. 15 181-20238 <b>~ 0000</b>					
Company		DU	CTION, IN	 C.	0,00,20		Lease ARMST	RONG	 i	101 2020	1-11	Well Nu	mber
County Location SHERMAN C NW NW			Section 11		TWP 8S		RNG (E/W)		Acres Attributed				
Field GOODLAND GAS FIELD			Reservoir NIOBR				Gas Gathering Conne						
Completic 2 /10 / 8		е	•		Plug Back Total D 1031'		th		Packer Set at				
Casing Size 4.5			Weigh 9.5#	t	Internal D 4.09		Set at 1031'		Perforations 996'		то 1010'		
Tubing S	ize		Weigh	t	Internal Diameter		Set at		Perforations		То		
Type Con			escribe)		Type Flui	d Production	າ		Pump U	nit or Traveling	Plunger? Yes	/ No	-
Producing CASING	-	(Anı	nulus / Tubing	))	% C	arbon Dioxi	de		% Nitrog	jen	Gas G .5877	ravity - G	ig
Vertical D		1)				Pres	sure Taps		·····		(Meter		over) Size
Pressure	Buildu	p:	Shut in 6/3	2	14 at 0	630	(AM) (PM)	Taken 07	7/01	20	14 at 0730	(	 AM) (PM)
Well on L					0 at	<del></del>	(AM) (PM)	Taken		20	at	(,	AM) (PM)
						OBSERVE	D SURFACE	DATA		<u> </u>	Duration of Shut	-in 25.0	00 Hours
Static / Dynamic Property	Orific Size (Inche	0	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	Casir Wellhead P (P <sub>w</sub> ) or (P <sub>1</sub> )	ressure	Wellhe	Tubing rad Pressure r (P <sub>c</sub> ) or (P <sub>c</sub> )	Duration (Hours)		i Produced Sarrels)
Shut-In							16	рыа	psig	psia			_
Flow				<u></u>									_
	<del>- 1</del>			<del>-</del>		FLOW STR	EAM ATTRI	OUTES_			_		
Plate Coeffice (F <sub>b</sub> ) (F Mofd	ient p)	Pro	Circle one: Meter or over Pressure psia	Press Extension	Grav Fac	or 1	Flowing Femperature Factor	Fa	iation ctor pv	Metered Flov R (Mcfd)	v GOR (Cubic Fo Barrel)	eet/	Flowing Fluid Gravity G <sub>m</sub>
				· ·	<u> </u>								
					(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(P <sub>B</sub> )	) <sup>2</sup> = 0.20	)7
(P <sub>c</sub> ) <sup>2</sup> =		<u>-:</u>	(P <sub>w</sub> )² ≃	Choose formula 1 or 2	P <sub>d</sub> =	<del></del>		- 14.4) +		<del>:</del> :	(P <sub>d</sub> )	) <sup>2</sup> ≃	<del></del>
(P <sub>c</sub> ) <sup>2</sup> - (F	P <sub>B</sub> ) <sup>2</sup>	(F	P <sub>o</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1. P <sub>c</sub> <sup>2</sup> - P <sub>c</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup>	LOG of formula 1, or 2, and divide	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Slope  Assi	sure Curve = "n" or gned id Slope	n v	roe	Antilog	Deliv Equals	en Flow verability R x Antilog Mcfd)
											· -		
Open Flor			<u> </u>	Mcfd @ 14.	<del></del>		Deliverabil	•	<u></u>		Mcfd @ 14.65 ps		
				behalf of the		t. Executed	this they 1,51	:	dav of	ie above repo lovember	rt and that he ha		edge of 0 _14 .
				-		KANSAS C	ORPORATION CO	OMMISSION /	0	, 7	1 1		<del></del> -
			Witness (i	any)		<del>- N</del> O	)V 17 ½	J <del>ià /</del>	Tuck	and b	Empany //	illi-	<del></del>

CONSERVATION DIVISION WICHITA, KS

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	are under penalty of perjury under the laws of the state of Kansas that I am authorized to request atus under Rule K.A.R. 82-3-304 on behalf of the operator LOBO PRODUCTION, INC.
	ne foregoing pressure information and statements contained on this application form are true and
correct to t	the best of my knowledge and belief based upon available production summaries and lease records
	ent installation and/or upon type of completion or upon use being made of the gas well herein named.  by request a one-year exemption from open flow testing for the ARMSTRONG 1-11
	n the grounds that said well:
<b>9</b>	<b>3</b>
	(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
	er agree to supply to the best of my ability any and all supporting documents deemed by Commission cessary to corroborate this claim for exemption from testing.
Date: <u>11/</u> 0	01/2014
	Signature: Ruband A. Millow  Title: OWNER/OPERATOR

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.