KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:					(See Instructions on Reverse Side)									
Open Flow														
✓ Deliverabilty					Test Date: API No. 15 9/23/2013 15-181-2					5 -0000				
Company LOBO PRODUCTION, INC.						Lease ARMSTRONG					Well Number 1-12			
County Location SHERMAN C NW NW				Section 12	,	TWP 8S	RNG (E/W) 39W			Acres Attributed				
Field GOODLAND GAS FIELD				Reservoir NIOBRARA				Gas Gathering Connection LOBO PRODUCTION, INC.						
Completion Date 5/27/82				Plug Bad 1031'	k Total Depi	th	Packer Set at							
Casing Size Weight 4 1/2"			Internal Diameter		Set at 1067'		Perforations 930'		то 950'					
Tubing Size Weight				Internal Diameter		Set a	at Perforations		rations	То				
Type Completion (Describe) SINGLE GAS				Type Fluid Production			···	Pump Unit or Traveling Plunger? Yes / No NO						
Producing Thru (Annulus / Tubing)				% Carbon Dioxide			% Nitrogen			Gas Gravity - G _q 0.5877				
Vertical Depth(H)				Pressure Taps			. <u>.</u>	· <u></u>		(Meter		Prover) Size		
Pressure Buildup: Shut in 09/23			3 2	13 at 09:15		(AM) (PM)	M) (PM) Taken 09/2		20	13 _{at} 09:30				
Well on Line: Started			2	20 at		(AM) (PM)	Taken	n		at	, , , ,			
						ORSERVE	D SURFACE	DATA			Described of Object	. 24	.25	
		Τ.	Circle one:	Pressure		<u> </u>	Casi			Tubing	Duration of Shut	in	Hours	
Static / Orific Dynamic Size Property (inche		e Prover Pressure in		Differential	Flowing Temperature	Well Head Temperature	Wellhead Pressure		Wellhead Pressure		l :		iquid Produced	
				in Inches H ₂ 0	t	t	(P _w) or (P _t) or (P _c) psia			(eruoH)		(Barrels)	
Shut-In	-	- †			<u> </u>		16	рма	paig	psia		+		
Flow		+										+		
	L		· · · · ·	<u> </u>	L_ 	FLOW STR	IEAM ATTRI	BUTES	<u> </u>		<u> </u>			
Plate	,	C	ircle one:	Press	Grav	ritu	Flowing	Dovi	intina	Metered Flor			Flowing	
Coefficient			leter or er Pressure	Extension	Factor		Temperature	1	Deviation Me Factor			(Cubic Feet/ Flui-		
(F _b) (F _p) Mcfd		LIOVE	psia	✓ P _m xh	F.		Factor F _{rt}	F	pv	(Mcfd)	Barrel)		Gravity G _m	
					 			 		_ _			-	
					(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS			² = 0.2	ـــــــــــــــــــــــــــــــــــــ	
(P _o) ² =	===	_:		 :	P _d =	9	% (P	_c - 14.4) +	14.4 =	<u> </u>	(P _d)			
(P _e)² - (P ₄)²		E.		1. P _c - P _c 2	LOG of	Γ \neg	Backpressure Curve Slope = "n"			[]		Open Flow		
or (P _c) ² - (P _a) ²		2. 1		2. P _c ² · P _d ²	formuta 1. or 2. and divide P2-P2		or Assigned		n x LOG		Antilog	Equals	iverability R x Antilog	
		,,,,	di	rided by: P _c ² - P _w ²	! Бу:		Standa	ird Slope					(Mcfd)	
				· · · · · · · ·		. 					· · · · · · · · · · · · · · · · · · ·			
Open Flor	w			Mcfd @ 14.0	65 psia		Deliverabi	lity			Mcfd @ 14.65 psi	a		
The u	undersiç	gned a	authority, on	behalf of the	Company, s	tates that h	e is duly aut	thorized to	make th	e above repo	rt and that he ha	s know	ledge of	
the facts s	tated th	erein,	and that said	l report is true	and correc	t. Executed	this the 1s	t TAA	ay of D	ecember		, ;	20 13	
						NUU	WICH	IAN	a kas	11	mil			
			Witness (if a	ny)		DEC	0 4 2013			For C	Company	V		

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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 LOBO PRODUCTION, INC.
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 ARMSTRONG 1-12
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.
Date: 12/01/2013
Signature: Restant A. Willist 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.