KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes			J.1.2.	C.I.V.	(See Instruct	tions on Reve	erse Side	<i>)</i>	L, IADILI	1 1201		
☐ Open Flow✓ Deliverabilty					Test Date: 06/30/14				API No. 15 15-181 - 20225 0000				
Company LOBO PRODUCTION, INC.					Lease ARMSTRONO			3		1-12	Well Number		
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 Bac 1031'	k Total Dept	h		Packer 5	Set at				
Casing Size 4 1/2"			Weight		Internal Diameter		Set at 1067'		Perforations 930'		To 950'		
Tubing Size			Weight		Internal Diameter		Set at		Perforations		То		
Type Cor			escribe)		Type Flui	d Production	1		Pump U	nit or Traveling	g Plunger? Yes	/ No	
Producing Thru (Annulus / Tubing)				% Carbon Dioxide				% Nitrog	jen	Gas Gr 0.587	ravity - G _g		
Vertical Depth(H)				Pressure Taps				_	·		Run) (Prover) Size		
Pressure Buildup:		o:	Shut in06/30)2	0 14 at 0	640	(AM) (PM) 1	aken_07	7/01	20	14 at 0720	(AM) (PM)	
Well on L					0 at		(AM) (PM) 1	aken		20	at	(AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut-	24.67 Hours	
Static / Oritice Dynamic Size Property (inches)		Э	Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H,0	Temperature Temperature		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			- Poig (i m)	mondo H ₂ e			psig 16	psia	psig	psia			
Flow				_				· <u>-</u> ·			-	_	
			·		·	FLOW STR	EAM ATTRIE	BUTES					
Plate Coeffiec (F _b) (F Mcfd	ient p)	Pro	Circle one: Meter or Iver Pressure psia	Press Extension P _m xh	Grav Fact F _g	or ,	Flowing Femperature Factor F _{rt}	Fa	iation ctor - P*	Metered Floo R (Mcfd)	w GOR (Cubic Fe Barrel)	Gravity	
					(OPEN EL (OW) /DELIV	ERABILITY)	CALCUI	ATIONS				
(P _c) ² =		_:	(P _w) ² =	:	P _d =		•	- 14.4) +		:	(P _a)	² = 0.207 ² =	
(P _c) ² - (I	P _a) ²		Ch	1. $P_c^2 - P_g^2$ 2. $P_c^2 - P_d^2$ ided by: $P_c^2 - P_g^2$	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Backpress Slope o Assig Stander	= "n" or gned	l n x	rod	Antilog	Open Flow Deliverability Equals R x Antilog (Mofd)	
							-	_		_		-	
Open Flo	<u> </u>	_		Mcfd @ 14.	65 psia		Deliverabili	ity	l		Mcfd @ 14.65 ps	ia	
The the facts s	undersi	gned	d authority, on t	pehalf of the	Company, s	tates that h t. Executed KANSAS COR	e is duly auti this the 1st RPORATION COM	norized to		lovember	ort and that he ha	as knowledge of, 20	
			Witness (if a				/ 17 ziii		cela	ed the	Company		

	e under penalty of perjury under the laws of the state of Kansas that I am authorized to request s under Rule K.A.R. 82-3-304 on behalf of the operator LOBO PRODUCTION, INC.
and that the correct to the of equipment I hereby	foregoing pressure information and statements contained on this application form are true and best of my knowledge and belief based upon available production summaries and lease records installation and/or upon type of completion or upon use being made of the gas well herein named. request a one-year exemption from open flow testing for the ARMSTRONG 1-12 he grounds that said well:
l further	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 agree to supply to the best of my ability any and all supporting documents deemed by Commission assary to corroborate this claim for exemption from testing.
Date: <u>11/01/</u>	2014 Signature: Ruband A. Miller

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.