KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	:		ONE	POINT 3			ructions on I			ENADILI	1 1231		
Ope	en Flo	W											
✓ Deliverabilty					Test Date 4/17/0				API No. 15 181-20343-000 0				
Company LOBO PRODUCTION, INC.						Lease ARMSTRONG					Well Number 2-1A		
County Location SHERMAN SE NE NE				Section 1		TWP 8S	TWP RNG (E/W) 8S 40W		E/W)		Acres Attributed		
Field GOODLAND GAS FIELD					Reservoi NIOBF			Gas Gathering Connu LOBO PRODUC					
Completion Date 4-14-04				Plug Bac 1294'	k Total D	epth	Packer Set at						
Casing Size 4 1/2"			Weight 11.60#/13.50		Internal Diameter			Set at 1323'		orations 06'	To 1242'		
Tubing Size			Weight		Internal Diameter		 	Set at		orations	То		
Type Com			escribe)		Type Flui	d Produc	tion		Pump L	Init or Traveling	Plunger? Yes	/ No	
Producing Thru (Annulus / Tubing) ANNULUS				% Carbon Dioxide			% Nitrogen				Gas Gravity - G _g		
Vertical Depth(H) T.D 1323'				Pressure Taps						(Meter	Run) (Prover) Size ETER RUN		
			Shut in 4/1	17 ₂₀ 07 _{at} 0945			(AM)(PN	(AM) (PM) Taken 4/18 2			 	(\bar{AM})(PM)	
Well on Li	ine:	;	Started	2	0 at					20	at	(AM) (PM)	
						ORSER	VED SURFA	CE DATA			Duration of Shut-	24.25 Hours	
Static / Dynamic Property	1		Circle one: Meter Prover Pressi psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t		Wellher (P _w) or	Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing ead Pressure or (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In							14		psig				
Flow													
						FLOW S	TREAM AT	RIBUTES					
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m xh	Grav Fac F	tor	Flowing Temperature Factor F _{II}	, E	viation actor F _{pv}	Metered Flow R (Mcfd)	w GOR (Cubic Fe Barrel)) Gravity I	
					•	OW) (DEL	.IVERABILIT	Y) CALCUI	ATIONS		(P _a))2 = 0.207	
(P _c) ² =		<u>- :</u>	(P _w) ² =	Choose formula 1 or 2			%	(P _c - 14.4) -	14.4 =	· · · · · · · · · · · · · · · · · · ·	(P _d)) ² =	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w	LOG of formula P ² -P ² P ² 1. or 2. and divide		S	Backpressure Curve Slope = "n" or Assigned Standard Slope		LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
													
Open Flow Mcfd @ 14.65 psia							Deliver	Deliverability			Mcfd @ 14.65 psia		
	*	gned	authority, o			tates that		•	to make t		ort and that he ha		
		-	•	aid report is tru			•		day of _	May	7	, 20 07	
							_ +·	Ka	cha	rd A	Made	RECEIVED RATION COMM	
			Witness (if any)			_			For	Company	11 1 1 2007	

exempt status und and that the foreg correct to the best of equipment insta I hereby requ	er penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator LOBO PRODUCTION, INC. going pressure information and statements contained on this application form are true and tof my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the ARMSTRONG 2-1A
(Check ☐ ☐ ☐ ☐ ☑ I further agre	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 e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
Date: <u>5/31/07</u>	Signature: Richard A. Miller 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.