KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(See Instruc	tions on Rev	erse Side))				
Open Flow✓ Deliverabilty				Test Date 07/31/2		API No. 15 023-20560-000 0							
Company LOBO PRODUCTION, INC.					Lease ADAMS-MCA			TEE		4-20	Well Number 4-20		
County Location CHEYENNE N/2 N/2 SE				Section 20				RNG (E			Acres Attributed		
Field CHERRY CREEK NIOBRARA			Reservoir NIOBRARA				Gas Gathering Con LOBO PRODUC						
Completion Date 6/13/04			Plug Back Total Depth 1311'		th		Packer	Set at					
Casing Size Weight 4.5 13.5#			Internal Diameter		Set at 1339'		Perforations 1180'		_{То} 1220'				
Tubing Size Weight			Internal Diameter		Set at		Perforations		То				
Type Con		(Describe)	l		Type Flui	d Production	1		Pump U	nit or Traveling NO	g Plunger? Yes	/ No	-
Producing CASING		Annulus /	Tubing)		% C	arbon Dioxi	de	-	% Nitro	gen	Gas G .5956	ravity - G	i _o
Vertical D						Pres	sure Taps		_			Run) (Pr ETER I	over) Size
Pressure	Buildup	: Shut in	07/31	2	0_14_at_0	900	(AM)(PM)	Taken_08	3/01	20	14 _{at} 0930		ÁM)(PM)
Well on L	ine:	Started		2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
					_	OBSERVE	D SURFACE	DATA			Duration of Shut	-in24.:	50 Hours
Static / Dynamic Property	Static / Orifice Dynamic Size Property (inches)		e one: eter Pressure (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Femperature Wellhead Pressur (P _w) or (P _t) or (P _o		(P_w) or (P_t) or (P_a)		Duration (Hours)		l Produced Barrels)
Shut-In		12.0					170	psia	psig	psia			
Flow													
					·	FLOW STR	EAM ATTRIE	BUTES			-		
Plate Coefficeient (F _b) (F _p) Mofd		Circle one: Meter or Prover Pressure psia		Press Extension P _m xh	Gravity Factor F _g		Jemperature I		viation Metered Floractor R F _{pv} (Mcfd)		w GOR (Cubic Fi Barrel	eet/	Flowing Fluid Gravity G _m
L		<u>_</u>			(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		45		
(P _c) ² =		: (1	? _w)² =	<u> </u>	P _d =		•	- 14.4) +		:) ² = 0.20) ² =	.
(P _c) ² - (F or (P _c) ² - (F		(P _c) ² - (P _w)2	to se formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ded by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by:	P _c ² -P _w ²	Slope C Assi	sure Curve = "n" or gned d Slope	n x	roe	Antilog	Defin Equals	en Flow verability R x Antilog Mcfd)
	<u> </u>	-			<u></u>							-	
Open Flor	l_ w			Mcfd @ 14.	65 psia		Deliverabil	ity			Mcfd @ 14.65 ps	J sia	
The t	undersig	ned author	rity, on b	ehalf of the	Company, s	tates that h	e is duly aut	horized to	make ti	ne above repo	ort and that he h		edge of
the facts s	tated the	erein, and t	hat said	report is true	and correc	t. Execu red ANSAS CORPO	this/故e 1st RATION COMMIS	PION	day of 1	lovember		, 2	0 14
		w	itness (if an	y)		A 0453.5 A	1 7 2014	OIUN /	Such	and for	A M	M	ļ

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator LOBO PRODUCTION, INC.
and that the foregone correct to the best of equipment insta	oing pressure information and statements contained on this application form are true and of 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 <u>ADAMS-MCATEE 4-20</u> bunds that said well:
_	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 eto supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
	Signature:

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.