Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:				(See Instruc	ctions on Reve	erse Side)	-				
Open Flow Deliverabilty					Test Date:				API	No. 15				
		oilty			07/27/2	2015			15-0)23-21233-0				
Company Lobo Production, Inc.				Lease Harkins							Well Number 8-31			
County Location Cheyenne N2 NE SE NE				Section 31		TWP 4	, ,				Acres A	ttributed		
Field Benkelman				Reservoir Niobrara			Gas Gathering Connection Lobo Production, Inc.							
Completion Date 7-26-10				Plug Bac	k Total Dep	oth	Packer Set at							
Casing Size Weight 4.5 11.60				Internal [Diameter		Set at Pe 1392 1		ations	To 1313				
Tubing Size Weight					Internal [Diameter	Set at	Set at Perforation		ations	То			
Type Completion (Describe) Single Gas				Type Fluid Production				Pump Unit or Traveling Plung			ger? Yes / No			
Producing Thru (Annulus / Tubing) Annulus				% Carbon Dioxide				% Nitroge		Gas Gravity - G ₉				
Vertical Depth(H)				Pressure Taps								over) Size		
TD 139	8'			·· -								eter Ru	ın	
Pressure	Buildu	ıp:	Shut in _07/2	27 2	0 15 at 0	600	(PM)	Taken_07	7/29	20	15 at 0800	(Ам)(РМ)	
Well on Line: Started2				O at (AM) (PM) Tak			Taken		at	(AM) (PM)			
						OBSERVI	ED SURFACE	DATA			Duration of Shut	_{-in_} 50.	0 Hours	
Static / Orifice Dynamic Size Property (inches)		e	Circle one: Pressu Meter Different Prover Pressure in		t temperature lemperati		I Wallhood Proceura		Tubing Wellhead Pressure (P _w) or (P _c)		Duration Li (Hours)		d Produced Barrels)	
Shut-In			psig (Pm)	Inches H ₂ 0			psig psia		psig psia			0	0	
Flow							170					0		
				_1		FLOW ST	REAM ATTR	BUTES						
Plate Coeffiecient (F _b) (F _p) Mofd		Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P _m xh	Gravity Factor F _g		Flowing Temperature Factor F _{ft}	Fa	iation ctor - pv	Metered Flow R (Mcfd)	v GOR (Cubic Fo		Flowing Fluid Gravity G _m	
			`.											
(P _c) ² =			(P _w) ² =_	•	(OPEN FLO		VERABILITY)	CALCUL - 14.4) +) ² = 0.2	07	
		<u>-</u> :	(Choose formula 1 or 2			<u>"</u>	sure Curve	1		ξ1 α		en Flow	
$(P_c)^2 \cdot (P_x)^2$ or $(P_c)^2 \cdot (P_a)^2$:		1. $P_a^2 - P_a^2$ 2. $P_c^2 - P_d^2$ tivided by: $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divide p.2. p		Slope = "		nxl	.og	Antilog	Deli		
												<u> </u>		
					<u> </u>									
Open Flo	w			Mcfd @ 14.	65 psia		Deliverabil	lity			Mcfd @ 14.65 ps	sia		
		_	=	behalf of the					o make th	=	ort and that he h		ledge of ₂₀ <u>15</u> .	
			Witness (if	anvi	K	CC W	ICHITA		K	e kas st	A.	37:	11-	
			For Comm			NOV +				Cha	cked by	'U		

RECEIVED

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 Harkins 8-31									
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: 10/05/2015									
Signature: Bushard A. Mills 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.

7 1 1 To 1