## Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:						(See Instru	ıctions on Re	verse Side	)						
Open Flow										401	No. 45					
Deliverability Test Date									. 1	81-	No. 15 2024	of .(	70-1	00		
Company							<del></del>	Lease			0000	<u> </u>		Well Nu		
		od	uction		Inc.				mstro:	ng		1-12	Α			
Lobo Production, Inc.  County Location				Section		TWP	TWP		RNG (E/W)		, Acres Attributed					
Sherman SW-SW-NW					12	12		8S 2		40W						
Field						Reservoi				Gas Gat	hering Conne	ction				
Goodland										KN Packer Set at				<del></del>		
Completio							k Total Dep 231	th		Packer S	set at					
11/1		33	Maio	<b>.</b>		Internal D		Set s	Set at		rations		То			
Casing Size Weight				iiliterina) L	riai, noto:	1301'			163'	1190'						
4.5 Tubing Size Weight				Internal Diameter		Set at			rations	То						
Type Con	npletio	n (De	scribe)			Type Flui	d Production	n		Pump Ur	nit or Traveling	Plunger	? Yes /	/ No		
Sing	gle	ga	s													
Producing Thru (Annulus / Tubing) % Carbon						n Dioxide			% Nitrog	en	0.	Gas Gr	avity - (	j,		
											0.	_	2a) (D	OXeX Size		
Vertical D	epth(H	1)					Pres	sure Taps					2 11	Hun) (P	noweny Size	
															<del>_</del>	
Pressure	Buildu	p: :	Shut in	<u>7/6</u>	<u>619</u>	99 at _	8:00	_ (ÄM) (PM)	Taken	7/7	19	99 at _	<u>8:00</u>	Σ	( <b>4</b> 64) (PM)	
Pressure Buildup:       Shut in																
Well on Li	ine:	,	Started		18	, at		_ (AM) (PM)	Taken							
							OBSERV	ED SURFAC	E DATA			Duration	of Shut-	·in	Hours	
<u> </u>			Circle one:		Pressure	Γ		Cas		Τ :	Tubing			T		
Dynamic Si		rifice <i>Meter</i> or Size <i>Prover Pres</i>			Differential	Flowing Temperature	Well Head Temperatur	Wellhead	Wellhead Pressure		Wellhead Pressure		Duration		Liquid Produced	
				(		t	t	(P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		(P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		(Hours)		'	(Barrels)	
		psig		Inches H <sub>2</sub> 0			ļ	psig	psia	psig	psia			<del>                                     </del>		
Shut-In								25		<u> </u>				<u> </u>		
Flow					,		,									
			<u> </u>			L	ELOW ST	REAM ATTR	IBITES	1						
· ·				Τ			FLOW 31		IBOTES						Flowing	
Plate Coefficcient (F <sub>p</sub> ) (F <sub>p</sub> )		Circle one: Meter of Prover Pressure		Press Extension		Grav		Flowing Temperature	1	iation			w GOR (Cubic Fee		Fluid	
						Fac		Factor		ctor	R (McId)	, ,			Gravity	
Mcfd		psia		√ P <sub>m</sub> x H <sub>w</sub>		F <sub>a</sub>		F <sub>tt</sub>	F,,		<b>,</b>				G <sub>a</sub>	
				T												
	1									4710110						
						(OPEN FL	DW) (DELI	VERABILITY						<sup>2</sup> = 0.2	207	
(P <sub>c</sub> ) <sup>2</sup> =		<u>   :                                 </u>	(P <sub>w</sub> ) <sup>2</sup>		<u> </u>	P <sub>a</sub> =		.% (F	<sup>2</sup> c - 14.4) +	14.4 =	<del></del> :		(P <sub>d</sub> )	<u></u>		
/P \2 - /P	3 12	<b>/</b> E	ွ)း - ( <b>၉၂</b> )း		ose formula 1 or 2: 1. P <sub>c</sub> - P <sub>a</sub> 2	LOG	$\Gamma$		ssure Curve		[ ] ]		•	, .	pen Flow	
(P <sub>c</sub> ) <sup>2</sup> - (P <sub>a</sub> ) <sup>2</sup> or		(F <sub>c</sub> ) · · (F <sub>w</sub> ) ·		2. P.2. P.2		tormula 1. or 2.		Siope = "n"		n x LOG		Antilog		Deliverability Equals R x Antilog		
(P <sub>c</sub> )² - (F	$(P_c)^2 \cdot (P_d)^2$ $2. P_c^2 \cdot P_d^2$ divided by: $P_c^2 \cdot P_d^2$			and divide p2.p2			Assigned Standard Slope						McId			
						<del>                                     </del>		<del></del>		<del></del>				<u> </u>		
														_		
			l					Dellineration	lite.			Victor @ 1	4 65 nei			
Open Flow					Mcfd @ 14.6			Deliverabi								
The u	ındersi	gned	authority, o	n bel	half of the Co	ompany, sta	tes that he	is duly autho	rized to ma	ke the ab	ove report and	I that he i	nas know	iledge d	COMMISSION THE PACES	
								23	day o		ember		n_	<u>~ 7</u> 1	ASTECTO .	
รเสเยช เกษ์ก	ein, ar	ia ina	ıı salo repor	ı ıs (I	rue and corre	oci. Execult			00,0			0	1 1	7.	28-90	
										18	lu	low	less	Distin	n Division	
			Witness	(if any	y)					0	For	Company	Wic	hita. I	Kansas	
			E - 0	· · · · ·			<del></del>	-			Che	cked by				
			For Con	nmıssi	ori											

I declare under penalty or 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 <u>Lobo Production</u> , <u>Inc.</u> and that the foregoing information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon gas production records and records of equipment installation and/or of type completion or upon use of the gas well herein named.  I hereby request a permanent exemption from open flow testing for the <u>Armstrong 1-12A</u>
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 incapable of producing at a daily rate in excess of 150 mcf/D  Date: 12/23/99
Signature:

Instructions:

All active gas wells must have at least an original G-2 form on file with the conservation division. If a gas well meets 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 obtain a testing exemption.

At some point during the succeeding calendar year, wellhead shut-in pressure shall be 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.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than thirty (30) days after the taking of the pressure reading. The form must be signed and dated on the front side as though it was a verified report of test results.