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

Open F				Test Date	e:			API	No. 15 - 07	13-2011	می-ص	)- C
Company		. 1	T			Lease		Ma A t		2 <del>- 20</del>	Well Numbe	ır
Lobo	Pr	oducti	on, Inc.				ms -				A	
County		Loca		Section		TWP		RNG (E	= -	•	Acres Attrib	nea
Cheyen	ne	SW	NE	20		<u>4S</u>		41				
Field				Reservoi					thering Connec	ction		
Benkel		L		Niob		-			<u> </u>			
Completion D	ate	y			k Total Dep	th		Packer :	Set at			
<u>/11/80</u>				13								
Casing Size		Weig		Internal C	Diameter	Set a			orations	То		
4.5		9.	<u>5#</u>			141			1195 <b>'</b>		/'	
Tubing Size		Weig	ht	Internal [	Diameter	Set a	ıt	Perfe	orations	То		
Type Complet				Type Flui	d Production	on	1.00	Pump U	nit or Traveling	Plunger? Yes	×	
Single Producing Thr			-1	% Carbo	n Dioxide			% Nitrog	ien .	Gas Gr	avity - G	
-	•	iulus / Tubii (	<i>3)</i>	70 Gui 50	I DIOXIGO				,		94	
Casing		i				T			<u>.</u>		34 Run) (Prover	\ C:-
Vertical Depth	(H)				Pres	sure Taps		•		2" 1	deter	, 3120 <u>Ru</u> r
Pressure Build	dun.	Shut in 1	1/13 X	X00 <sub>at</sub> 8	3:00	(AM)(PM)	Taken1	1/14	X <sub>1</sub> X <sub>1</sub> (	00 at 8:00	(AM)	(PM
Well on Line:										at		
<u>.</u>					OBSERV	ED SURFAC	E DATA		<del></del>	Duration of Shut-	in	_ Ho
Static / Or	rifice	Circle one:	Pressure	Flowing	Well Head	Cas	•		Tubing			
Dynamic S	lize ches	Meter or Prover Press psig	ure Differential in (h) Inches H <sub>2</sub> 0	_	Temperature t	Wellhead (P <sub>w</sub> ) or (P		1	ead Pressure	Dúration (Hours)	Liquid Pro (Barre	
Shut-In			2			120	psia	psig	Police			
Flow					•	"						
				<u> </u>	FLOW ST	REAM ATTR	BUTES	l			<u> </u>	
Plate	T	Circle one:	Press	1		Flowing	1				Fic	owing
Coeffiecient		Meter or	Press Extension	Grav	-	Temperature		ation ctor	Metered Flow R	GOR (Cubic Fe	et/ F	luid
(F <sub>b</sub> ) (F <sub>p</sub> )	Pro	over Pressure	√ P <sub>m</sub> x H <sub>m</sub>	F		Factor	<b>I</b>	pv I	(Mcfd)	Barrel)	G	ravity
Mcfd	<del> </del>	psia	' 'm^''*	-	<u>'</u>	F,,			(,	,		G <sub>m</sub>
			<u> </u>	(ODEN EL	DW/ (DEL II)	/ERABILITY	CALCUL	ATIONS				
P <sub>c</sub> )² =	:	(P)2=	·:	•	* -		- 14.4) +		:	(P <sub>a</sub> );	? = 0.207 ? =	
c/	T ·	- ( w/	Choose formula 1 or 2:				sure Curve	<del></del>	<u> </u>			=
$(P_c)^2 \cdot (P_a)^2$	(F	)2 - (P )2	1. P <sub>c</sub> <sup>2</sup> P <sub>s</sub> <sup>2</sup>	LOG of formula			e = "n"	nx	106		Open Fi Deliverat	
or $(P_c)^2 - (P_d)^2$		1	2. P <sub>c</sub> <sup>2</sup> · P <sub>d</sub> <sup>2</sup>	1. or 2.		1	or signed	" ^ '		Antilog	Equals R x	•
(P <sub>c</sub> ) (P <sub>d</sub> ) -			divided by: P2 - P2	and divide by:	P <sub>c</sub> <sup>2</sup> · P <sub>w</sub> <sup>2</sup>		ird Slope		r 7		Mcfd	
			· · · · · · · · · · · · · · · · · · ·									
Open Flow		· · ·	Mcfd @ 14.6	5 psia		Deliverabil	ty		М	cfd @ 14.65 psia		
The unders	signed	authority, on	behalf of the Co	ompany, stat	es that he i	s duly author	ized to mai	ke the ab	ove report and	that he has know		
				STATE	CORPORA	TION COMMIS	SION	v. T	roder	<u> </u>		
		Witness (	if any)		DEC 1	9 2000	V		For Co	ompany		
		For Comr	nission			_			Check	ed by		

CONSERVATION DIVISION
Wichita, Kansas

exempt statu and that the the best of r tion and/or of I hereby	e under penalty or perjury under the laws of the state of Kansas that I am authorized to request us under Rule K.A.R. 82-3-304 on behalf of the operator Lobo Production, Inc. foregoing information and statements contained on this application form are true and correct to my knowledge and belief based upon gas production records and records of equipment installator type completion or upon use of the gas well herein named.  Trequest a permanent exemption from open flow testing for the Adams -McAtee 2-20 the grounds 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
Date:	Signature: Owner/Operator

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.