Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type	Test:					(See Ins	tructions on	Reverse S	Side)	· - · · · · · · · · · ·				
X	Open Flo	w							·					
	Deliverab	ilty	•		Test D	ate: 12/	7/02		A	API No. 15 1	5-181-20	043-	∞ -οι	2
Compa	any	dia u		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			Leas	e	·····				Number	
L	obo P			n, Inc.			Love	elace			•	2-		
County Location Sherman CSW/4			Section		TWP			(E/W)	· · · · · · · · · · · · · · · · · · ·	Acre	s Attributed	<u> </u>		
Field.			5		8S			38W		Acres Attribute		IVED		
	പ്ര	nd Gas				oir brara	if the		Gas G	athering Con				
	tion Date		2			ack Total De	oth		Packo	r Set at	r-Morgan		JAN 2 4	2003
						48'	,		Facke	r Set at				
Casing Size		ī	Veight		Internal Diameter		Set at		Perforations		To	KCC WICH		
4 5								<u>872'</u>		372'	948'			
Tubing Size		Weight		Internal Diameter		Set at		Perforations		To			-	
Type Co	mpletion	(Describe)			Type Fi	uid Producti	on		-Pump I	Unit or Travelia	ng Plunger? Yes	/ No		_
Sinc	rle G	as									d d	, 110		
Producing Thru (Annulus /			bing)		% Carbo	on Dioxide		% Nitrogen		gen	Gas Gravity - G		G,	_
Vertical (Depth(H)					Pres	sure Taps			-	(Mate-	D> (_
·				·									Prover) Size	
Pressure	Buildup:	Shut in _	12/	21	9 <u>02 at 9</u>	9:00	(AM)(PM) Taken	12/5		02 at 10	:30		-
Well on L	ine:	Started	12/	'5 .	0.02 1	02 - 10 - 20		- (AM) (PM) Taken _		18	at		<u> </u>	
				<u> </u>	5 VZ al _	0.30	- AMY (PM) Taken	12//	19	04 _{at} 9:0	0	(AM) (PM)	
· · ·		Circle -		г	т	OBSERV	ED SURFAC	CE DATA			Duration of Shut	73.	, 5 Hour	-
Static / Dynamic	Orifice Size	Meter		Pressure Differential	Flowing Temperature	Well Head	Mollhood Deserving			Tubing		T		
Property	inches	Prover Pro		in (h)		1 .			Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)		Liquid Produced	
Sh. 4.4		psig	ig Inches H ₂ (<u> </u>	psig psia		psig psia		(110013)	'	(Barrels)	
Shut-in	. 25	16_					16	29			73.5		0	1
Flow	_25	<u> </u>		_11			9	22			46.5		0	
						FLOW STE	EAM ATTR	IBUTES				<u> </u>		J
Plate Coeffiecie	.n.	Meter or	-	Press	Gravi	ity	Flowing	Dev	riation	Manage of Et			Flowing	1
(F,) (F,		Prover Pressure psia		VP _m xH _m	Facto	or 1	emperature Factor	Fa	ctor	Metered Flow	GOR (Cubic Fe	et/	Fluid	
Mcfd				Y F _m X Fi _w	F,		F,,	F	- pv	(Mcfd)	Barrel)		Gravity	
.396	2	1.5		15.38	1.00	1	.00	1.0	0	6.09	N/A		G _m N/A	
					(OPEN FLO						IV/A		IV/ A	
.)² =8	<u> 341</u> :	(P_)²	= .48	8 4 :	P _d = _	%					(P _s) ²	= 0.20	07	
/B. \2 . /C. \				e formule 1 or 2:	, , , , , , , , , , , , , , , , , , ,	=== -	 _	- 14.4) +	14.4 =	 :	(P _a)²	=		
(P _c) ² - (P _a) or	1 '	(P _c)² - (P _w)²		P.2 - P.2	LOG of formula		Backpressure Curve Slope = 'n' or Assigned			~ []		Ор	Open Flow	
(P _e)²- (P _d)	2			P _c ² • P _d ²	1. or 2. and divide	P _e 2 - P _u 2			n x LOG		Antilog		Deliverability Equals R x Antilog	
			divided	by: P.2 - P.2	by:		Standa	rd Slope		L J			Mcfd	
-634	3!	57		1.776	.2494	<u> </u>	.85	0	2	120	1.629	9	9.92	
en Flow	3.32 Initia 6 14.03 psia						Deliverability			Mcfd @ 14.65 psia				
The und	ersigned a	authority, or	beha	If of the Com	: pany, states	that he is d	lulv authoria	red to mak	e the she	(O ropert and the	hat he has knowle			
ed therein	and that	said report	ic touc		- · · · ·				_		nat ne has knowle			
	, uigl	-aid ieholl	າວ ເປີນ6	and correct	Executed 1	this the <u>20</u>	<u>irn</u>	day of _	Janua:	ry		, 19	2003	
·		Witness	u ·					Dar	\sim	Sandin	6			
		Witness (·· any)						<u>-</u>	For Cor	npany			
		For Comm	nission							O. L. C.	<u> </u>			
										Checke	п ву			

•	slare under penalty or perjury under the laws of the state of Kansas that I am authorized to request
ı aec exempt s	tatus under Rule K.A.R. 82-3-304 on behalf of the operator Lobo Production, Inc.
ind that	the foregoing information and statements contained on this application form are true and correct to
	of my knowledge and belief based upon gas production records and records of equipment installa-
	or of type completion or upon use of the gas well herein named.
1 here	eby request a permanent exemption from open flow testing for the <u>Lovelace 2-5</u>
jas 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:	1/20/03
	Signature: Aohn Sandus
	Title: President

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.