KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(Re	v. 6/98)
ης. Vac	

Type Tes	it:		-			(See Instruc	ctions on Re	verse Side,)			MA2 0 7
Op	oen Flo elivera			•	Test Date	: :			API \ X	No. 15 000	04-00	
Company							Lease			,	•	Well Number
		roc	duction	, Inc.			_Hend:	rich_	210.45	1-1		Acres Attributed
County			Locati		Section 1		TWP 8S		RNG (E	/VV)	• •	ncies miliodiae
She	rma	n	<u> </u>	SW-SW	Reservoir	· · · · · · · · · · · · · · · · · · ·	0.5			hering Connection	n	
Field Goodland			Niobrara				Lobo Production, Inc.			nc		
Completic						k Total Depti	h .		Packer S	et at		
11	/9/	8.3			122				Dodo	rations	То	
Casing S			Weigh	t	Internal Diameter					132'	1168'	
4 . Tubing Si			Weigh	<u> </u>	Internal C	iameter	Set a			rations	То	
			_			 	······································		Dump He	nit or Traveling Pl	unger? Yes /	No
ype Con	-				Type Flui	d Production	1		Pump Of	III OF FRAVORING FI	unger: 100 /	
Sin			a S Julus / Tubing)		% Carbon	Dioxide			% Nitrog	en -		avity - G
•		•									0.6	lun) (Prover) Size
ertical D	epth(H)				Press	ure Taps					_
									2/4/0			leter Run
ressure	Builde	up:	Shut in	<u>2/3/03</u> _19	at£	3:00	(M) (PM)	Taken	2/4/0	319	_ at <u>8:00</u>	(AM) (PM)
Vell on L		;	Started	19	at	,	(AM) (PM)	Taken		19	at	(AM) (PM)
					·	OBSERVE	D SURFAC	E DATA		Di	uration of Shut-	in Hou
2		e:	Circle one:	Pressure	Flowing	Well Head	Ca	sing	•	Tubing	Duration	Liquid Produced
		fice Meter or Ze Prover Pressure		Differential in (h)		Temperature			Welihead Pressure (P _x) or (P ₁) or (P _c)		(Hours)	(Barrels)
roperty	inc	hes	psig	Inches H ₂ 0	t	1	psig	psia	psig	psia		
Shut-In							19					•
Flow	<u> </u>					EI OW STE	REAM ATTR	UBUTES	l			
		<u> </u>	Circle one:				Flowing			Metered Flow	GOR	Flowing
Plate Coeffiec	e eient		Meter or	Press Extension	Grav Fac	-	Temperature		iation ctor	R	(Cubic Fed	et Fluid Gravity
(F _b) (F		Pro	o <i>ver Pressure</i> psia	√ P _m x H _u	F,		Factor F ₁₁	F	pv	(Mcfd)	Barrel)	G _m
Mcfd		-	-					-				
		<u> </u>						OAL CILL	ATIONS	<u> </u>		
			45.10		-	OW) (DELIV		P _c - 14.4) +				= 0.207
(_c) ² =		╤∸	(P _w) ² =	Choose formula 1 or 2:	P _a =			ssure Curve			` "	Open Flow
(P _c)² - (F	P_)2	(F)*- (P_)*	1. P.2 · P.2	LOG of formula	1	Sio	pe = "n"	l n x i	LOG	Antilog	Deliverability
or (P _c)² - (F	D /s			2. P.2. P.2	1. or 2.	P.2. P.2		- or signed			Villing	Equals R x Antilog
(1 6) - (1	' d'			divided by: $P_c^2 \cdot P_w^2$	by:	<u>[.</u>	Stand	lard Slope				***************************************
												<u> </u>
pen Flov	N			Mcfd @ 14.6	5 psia		Deliverabi	lity		Mc	d @ 14.65 psia	
The u	unders	igned	authority, on	behalf of the Co	ompany, sta	tes that he is	s duly autho	rized to ma	ke the ab	ove report and th	at he has know	ledge of the facts
				s true and corre				h day _l o				, 18⁶-03 _
ren net	on, d	416	r sau report	- 1122 4114 60116		 		΄ λ.	A n	Candon	1	
			Witness (i	f any)			•	- ''	IIV	For Con	npany	
				- 19								
			For Comm	nission			•			Checker	d by	

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>Hendrich 1-1</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. X is incapable of producing at a daily rate in excess of 150 mcf/D 250 Date: 3/4/03
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.