KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:					See Instruct	tions on Hev	erse Side	?)			
·	en Flo				Test Date	e:			API N	40. 15 -023-	21195-00-00)
De	liverab	ilty				··						
Company		Ene	ergy Mana	gement, LL	0	KE	Lease LLER FAF	RMS	-		,	Well Number 34-18
County CHEYENNE			Location SE-NW-SW-SE		Section 18		TWP 2S		v) W	,	Acres Attribut	
Field CHERF	RY CI	REE	 :K			Reservoir NIOBRARA				ering Connec		KC
Completion 1/8/200		te			Plug Bac 1446'	k Total Dept	th		Packer Se	et at		KC NOV REC
Casing S			_	Weight		Internal Diameter		Set at		ations	То	
7", 4½"				7#, 10.5#	6.538, 4.052		255', 1486' Set at		1200' Perforations		1240'	REI
Tubing Si 2-3/8"	ize		Weigi	nt 4.7#		Internal Diameter 1,995		: 277'	renotations		То	•
Type Con	-			· · · · · ·	Type Flui	d Production	n		Pump Uni	t or Traveling I	-	/ No D PUMP
	•		nulus / Tubir	ia)		arbon Dioxi	de		% Nitroge	n		avity - G
ANNUL		V		-57								
Vertical D	epth(F	1)	· · · · · · · · · · · · · · · · · · ·	,		Pres	sure Taps				(Meter i	Run) (Prover)
Pressure	Buildu	ıp:	Shut in	10/8	15 at	1:00 PM	(AM) (PM)	Taken		20 _	at	(AM) (f
Well on L	ine:		Started	10/9 2	o <u>15</u> at	1:00 PM	(AM) (PM)	Taken		20 _	at	(AM) <u>(</u> F
						OBSERVE	D SURFACE	DATA			Duration of Shut-	in24
Static / Orifice Dynamic Size		:e	Circle one: Meter Prover Press	Pressure Differential	Flowing Well He		d Casing Wellhead Pressure		'Tubing Wellhead Pressure (P _w) or (P _o) or (P _o)		Duration (Hours)	Liquid Produ
Property	(inch	ies)	psig (Pm)		t.	t	psig	psia	psig	psia	V	,
Shut-Iń							163					
Flow												<u> </u>
				T	.	FLOW STR	EAM ATTRI	BUTES			1	
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension √ P _m xh	Grav Fac F	tor	Flowing Femperature Factor F,,	Fa	ilation letor = pv	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	i Gra
			. .					ľ				
(P _c)² ≠		:	(P _w) ² :	: :	•		ERABILITY)		.ATIONS · 14.4 =	:	(P _a) [*] (P _d)	² = 0.207
(P _c) ² - (F or (P _c) ² - (F	P_a)2		P _c) ² - (P _w) ²	Choose formula 1 or 2 1. P _c ² - P _a ² 2. P _c ² - P _d ²			Backpress Stope	sure Curve e = "n" or	n x 16	og T	Antilog	Open Flo Deliverabi Equals R x A
	a,			divided by: $P_c^2 - P_w$		P _c ² - P _w ²		rd Slope				(Mcfd)
Open Flor	w			Mcfd @ 14	.65 psia		Deliverabil	lity		M	lcfd @ 14.65 psi	<u>a</u>
		_	=	on behalf of the aid report is true			=			=	and that he ha	is knowledge , 20
			Witness	(if any)			_			For Co	трапу	
			Ear Co-	mission			_			Check	ed hv	
			For Com	IIISSION						спеск	eu dy	

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	and that the fore	er penalty of perjury under the der Rule K.A.R. 82-3-304 on be going pressure information and t of my knowledge and belief t	ehalf of the operator <u>Found</u> nd statements contained on	dation Energy Managemer this application form are	nt, LLC true and
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.	I hereby requ	est a one-year exemption fron		KELLER FARMS 34-1	8
staff as necessary to corroborate this claim for exemption from testing.	√	is a coalbed methane produ is cycled on plunger lift due is a source of natural gas fo is on vacuum at the present is not capable of producing	to water or injection into an oil reservo time; KCC approval Docket I at a daily rate in excess of 2	No 250 mcf/D	_
	staff as necessar	y to corroborate this claim for		g documents deemed by C	ommission
			ature: Wimber	ture and	_

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.