## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(	See Instruc	tions on Re	verse Side	)				
✓ Op	en Flo	w			Test Date	·•			۸ÐI	No. 15			
De	liverab	ilty			11/2/10	1.				5-21213 _	സ്വ	$\circ$	
Company		c					Lease HATFI	ELD			1		ll Number
County SEWARD			Location C SW NE		Section 31		TWP 31S		RNG (E/W) 32W			Acr	es Attributed
Field		·			Reservoir MORR					hering Conne /ING GAS		MS	
Completion Date 12/14/1991				Plug Back Total Depth 5889			Packer Set at NONE						
Casing Size Weight 4.5 10.5			nt	Internal Diameter 4.052			Set at Per 5940 55		forations To 49 555				
Tubing Size 2 3/8			Weigh 4.7	t	Internal Diame 1.995		r Set at 5520		Perfo NO!	rations NE	T	o	
Type Completion (Describe) SINGLE GAS				Type Flui OIL/W	d Production ATER	n		Pump Ur PUMP	nit or Traveling	Plunger?	Yes / I	No	
Producing ANNUL	_	(Anı	nulus / Tubin	g)	% C	arbon Dioxi	de		% Nitrog	en		as Gravit 700	y - G <sub>g</sub>
Vertical D 5553	epth(F	1)			<u> </u>		sure Taps NGE					Meter Run 3"	) (Prover) Size
Pressure	Buildu	p:	Shut in 11/	1/ 2	0_10 at 8	AM	(AM) (PM)	Taken_11	/2/	20	10 <sub>at</sub> 8	AM	(AM) (PM)
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)
	1		Circle			OBSERVE	D SURFAC		T .		Duration of	f Shut-In_	24 Hours
Static / Oynamic Property	ynamic Size		Circle one: Meter Prover Pressi psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Well Head Temperature t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia		Duratio (Hours		Liquid Produced (Barrels)
Shut-In	ihut-In							μωσ	parg	рана	24		
Flow						i 		<u></u>					
				r .	1	FLOW STF	REAM ATTR	IBUTES					
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Circle one: Mater or over Pressure psia	Press Extension P <sub>m</sub> xh	Grav Fac F	tor			iation ctor	Metered Flov R (McId)	(0	GOR tubic Feet/ Barrel)	Flowing Fluid Gravity G
							<u>-</u>				į		
(P <sub>c</sub> ) <sup>2</sup> =		_;	(P <sub>w</sub> ) <sup>2</sup> =	· :	(OPEN FL	OW) (DELIV		') CALCUL P <sub>e</sub> - 14.4) +		:		$(P_a)^2 = (P_d)^2 = (P_d$	0.207
(P <sub>e</sub> ) <sup>2</sup> - (P <sub>e</sub> ) <sup>2</sup> or (P <sub>e</sub> ) <sup>2</sup> - (P <sub>d</sub> ) <sup>2</sup>		(P <sub>a</sub> ) <sup>2</sup> · (P <sub>a</sub> ) <sup>2</sup>		Choose formula 1 or 2  1. P <sub>a</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>a</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub>	1. P <sub>e</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> LOG of formula 2. P <sub>a</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> 1, or 2, and divide		Slo	essure Curve		LOG	Antilog	g E	Open Flow Deliverability quals R x Antilog (Mctd)
<u> </u>					05'		Delbi-	-11:4			*****	OF wala	
Open Flo	w			Mcfd @ 14	.65 psia		Deliverat	onty			Mcfd @ 14	.65 psia	
		_	-	n behalf of the ald report is tru						ne above repo	ort and that	he has l	nowledge of, 20
			Witness	(if eny)		<u>-</u>	-	L	<u>en</u>	- l /l	Company July		DF07::
			For Com	nission	<del></del>	<del></del>				Che	cked by	<del> </del>	RECEIVE

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exempt status und	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator BEREXCO LLC oing pressure information and statements contained on this application form are true and
correct to the best	of my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named.  Sest a one-year exemption from open flow testing for the HATFIELD 1
gas well on the gr	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 not capable of producing at a daily rate in excess of 250 mcf/D
_	e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
	Signature:

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.

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