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

Type Test:			'	(	See Instruct	ions on Rev	erse Side)	)			
Open Flo	W	X Shut-i Pressu	* .	Test Date:	12-2	28-06		API N	o. 15 <b>–</b> 103–	20 <b>,</b> 526 <b>.</b>	y-∞
Company						Lease			•	,	Well Number #3
County		Resource	n	Section		J. Hei	<u>m</u>	RNG (EM		,	Acres Attributed
Leaven	WOI	th SW,	NE,NW	29 Reservoir		· 8S			ring Connect	ion	40
Field				McLout	h/Burge			COG !	ransmis	sion Corpo	ration
Completion Dat 3/24/8	e 6			Plug Back	Total Depth			Packer Se N/A			
Casing Size 4 1/2"	1	Weight 9.5	5#	internal D	iameter	Set a 144		Perfora		28' <b>-</b> 1340	)'
Tubing Size 2 3/8"		Weight	, #	Internal D	iameter	Set a 138		Perfora	tions	То	
Type Completio				Type Fluid Nil	d Production			-Pump Unit	ог жизманику.	Program Yes /	XX6
Producing Thru	(Ann	ulus / Tubing)		% Carbon	Dioxide			% Nitroger	)	Gas Gr	avity - G
Annulu				Nil	Pressi	ıre Taps		Nil		(Meter F	Tun) (คูกรูงสมุ Size
Vertical Depth(F	1)				7 10330					,	2"
Pressure Buildu	ID:	Shut in12	-27 20	06 <sub>at</sub> 8	3:45	(AM) (PM)	Taken	12-28	2006	at <u>9:00</u>	(MA)
Well on Line:			19	at		(AM) (PM)	Taken		19	at	(AM) (PM)
					OBSERVE	D SURFAC	E DATA			Duration of Shut-	in Hours
Dynamic Siz	c/ Orifice Meter or Differenti nic Size Prover Pressure in (h)		Pressure Differential re in (h)	Flowing Well Head Temperature		Wellhead	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		bing d Pressure P <sub>t</sub> ) or (P <sub>c</sub> )	Duration (Hours)	Liquid Produced (Barrels)
Property inch	nes	psig	inches H <sub>2</sub> 0			psig	psia	psig	psia	24	
Shut-In -	<b></b>	<del></del>	<del></del>			10	<del></del>				
Flow		<u> </u>		<u> </u>	FLOW STR	REAM ATTR	IBUTES				
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd	Pro	Circle one:  Meter or  over Pressure  psia	Press Extension √ P <sub>m</sub> x H <sub>w</sub>	Grav Fac	vity	Flowing Temperature Factor F <sub>11</sub>	Dev Fa	viation actor F <sub>pv</sub>	Metered Flow R (Mcfd)	GOR (Cubic Fo	i taraviiv i
Milord											
<u> </u>			· ·		OW) (DELIV					•	) <sup>2</sup> = 0.207 ) <sup>2</sup> =
(P <sub>c</sub> ) <sup>2</sup> =	<u>-</u> :	(P <sub>w</sub> ) <sup>2</sup> =	Choose formula 1 or 2	P <sub>d</sub> =		-i	essure Curv			\' d	Open Flow
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	(	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	<ol> <li>P<sub>c</sub><sup>2</sup> · P<sub>a</sub><sup>2</sup></li> <li>P<sub>c</sub><sup>2</sup> · P<sub>d</sub><sup>2</sup></li> <li>divided by: P<sub>c</sub><sup>2</sup> · P<sub>d</sub></li> </ol>	LOG of formula 1. or 2. and divide by:	P <sub>2</sub> . P <sub>w</sub> <sup>2</sup>	Sid	pe = "n" - or ssigned dard Slope	nxt	og	Antilog	Deliverability Equals R x Antilog McId
	<del> </del>		urrasou by. 1 c - 1 g	<u> </u>							
Open Flow			Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.65 ps	ia
The under	signe	d authority, on	behalf of the C	Company, sta	ates that he		orized to m	-		that he has kno	wledge of the facts
stated therein, a	and th	nat said report	is true and cor	rect. Execut	ted this the _	10th	day	of	anuary (		RECEIVE
		Witness	(if any)					Llu		Company	JAN 1 8 200
		For Com			· · · · · · · · · · · · · · · · · · ·			Presid		ecked by	<b>CC WICH</b>

I declare under penalty or perjury under the laws of the state of Kansexempt status under Rule K.A.R. 82-3-304 on behalf of the operatorMonutering and the laws of the state of Kansexempt status under Rule K.A.R. 82-3-304 on behalf of the operator	as that I am authorized to request
and that the foregoing information and statements contained on this applic	ment Resources, Inc.
the best of my knowledge and belief based upon gas production records a	cation form are true and correct to
tion and/or of type completion or upon use of the gas well herein named.	and records of equipment installa-
I hereby request a permanent exemption from open flow testing for the	J. Heim #3
gas well on the grounds that said well:	n d
5	
(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 reservo	ir undergoing FR
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
Pate: January 10, 2007	
Date:January 10, 2007	
Date:January 10, 2007	
Date:January 10, 2007	
Date:January 10, 2007	4
Date:January 10, 2007	2 <u> </u>
Date:January 10, 2007  Signature: Add J	2 d
Signature: QLLL	oust-
A et	oust-
Signature: QLLL	dust

Inst

st 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.