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

Type Test			<b>MSIC</b>		(	See Instruct	tions on Re	verse Side	)					
	en Flow liverabil	•	حده		Test Date: API No. 15 8/10/2011 023-20606-00 -									
Company		our	ces. Inc.		6/10/20	11	Lease Miller		023	-20000-00		-13	Well Nur	nber
					Section 13		TWP 3S		RNG (E/	W)			Acres At	tributed.
Field					Reservoir				nering Conne Systems Inc				<del></del>	
Completic 7/1/2005	on Date	1			Plug Bac 1464'	k Total Dept	th		Packer S					
Casing Size Weight I					Internal 0 4.052	Diameter	Set 6 146		Perfo	rations )'	-	To 1302'		
Tubing SI	2 3/8	,,, }	Weight	ı	Internal C	Diameter	Set (	•	Perfo	rations	Т	То		
Type Con Single (	npletion	(De			Type Flui Dry Ga	d Production				it or Traveling	Plunger?	(Yes	No	
Annulus	s	· 	nutus / Tubing	)	% C	Carbon Dioxi	ide		% Nitrog	en .		ias Gr	avity - G	0
Vertical D	epth(H)	)				Pres Flan	sure Taps ge				•	(Meter Run) (Prover) Size 2"		
Pressure	Bulldup	: \$	Shut in 8-9	2	0 11 at 8					20			(	AM)(PM)
Well on L	ine:	,	Started 8-10	2	o 11 at 9	:00	(AM)(PM)	Taken 8-	11	20	11 at 9:	45		(PM)
				1.		OBSERVE	D SURFAC		, , ,		Duration of	Shut	-In 24	Hou
Static / Dynamic Property	imic Size Prover Pressure		Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Temperature Temperature		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig pala		ubing ad Pressure (P <sub>1</sub> ) or (P <sub>6</sub> )		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In							53			psig psia				
Flow							57	81.4	<u> </u>		24			
<del></del>						FLOW STE	REAM ATTR	IBUTES	- <del></del>	· · · - · - · - · · · · · · · · · · · ·				
Plate Coefflecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd			Gircle one: Meter or ver Pressure psia	Press Extension P <sub>m</sub> x h	Factor		Flowing Temperature Factor F <sub>11</sub>		iation ictor			GOR ubic Fe Barrel)		Flowing Fluid Gravity G <sub>m</sub>
										31				
(P <sub>c</sub> )² ≖		:	(P <sub>w</sub> ) <sup>2</sup> =	:	(OPEN FL P <sub>a</sub> =	OW) (DELIV		') CALCUL P <sub>a</sub> - 14.4) +		:			) <sup>2</sup> = 0.20	)7
$(P_a)^2 - (P_a)^2$ or $(P_a)^2 - (P_d)^2$		(P <sub>a</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> (P <sub>a</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> 1. P <sub>a</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>q</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> divided by: P <sub>a</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup>		LOG of formula 1. or 2. and divide	· · · · ·	Backpre Slo	essure Curve pe = "n" - or			Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flo	1		<u></u>	Mold @ 14	65 pela		Deliverat	nitina			Mcfd @ 14	65 55	l l	
		7000	1 authority or	Mod © 14	· ·	etatoe that b		•	n make th					edge of
	•	•	•	n behalf of the ald report is tru			•			ecember	m and mal			20 <u>11</u>
			Wilness (i	l any)			-	_Ç	Den			W	W	
													REC	EIVE
			For Comm	noissi						Che	cked by		400	_

APR 2 4 2012

KCC WICHITA

	der penalty of perjury under the laws of the state of Kansas that I am authorized to request or not request not request not request representations.
correct to the be of equipment ins I hereby req	egoing pressure information and statements contained on this application form are true and st of my knowledge and belief based upon available production summaries and lease records stallation and/or upon type of completion or upon use being made of the gas well herein named. uest a one-year exemption from open flow testing for the Miller 2-13 grounds that said well:
l further agr	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 ee to supply to the best of my ability any and all supporting documents deemed by Commission by to corroborate this claim for exemption from testing.
Date: 12/28/11	Signature: <u>Janus Guvu</u> Title: <u>Production Assistant</u>

## 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.

RECEIVED
APR 2 4 2012
CCC WICHITA

W358 Miller/2-13, St. Francis St. Francis None August-11 FloBoss

FloBoss									
	Tubing	Casing					HRS	Water	REMARKS
DATE	PSI	PSI	STATIC	MCF	SPM	CYCLE	DOWN	BBLS	(Maximum length 110 characters)
8/1/2011		59	72	35	6	8		13	- · · ·
8/2/2011		58	71	35	6	8		14	
8/3/2011		59	72	35	6	8		16	3.5 min bt
8/4/2011		58	71	36	6	4		7	pu off water leak
8/5/2011		57	70	32	6	0		0	pu off water leak
8/6/2011		58	71	30	6	0		0	pu off water leak
8/7/2011		57	70	28	6	0		0	pu off water leak
8/8/2011		57	70	28	6	4		7	restart pu
8/9/2011		57	70	30	6	4		7	squeezed pu off 4 min bt, SI
8/10/2011		53	66			4	24	. 7	open well restart pu
8/11/2011		68	81	6	6	8		14	
8/12/2011		89	102	34	6	4		7	pu off high fp
8/13/2011		76	89	31	6	0		0	
8/14/2011		74	87	29	6	0		0	
8/15/2011		84	97	28	6	0		0	
8/16/2011		58	71	28	6	4		7	restart pu
8/17/2011		101	114	25	6	4	5	7	pu off hfp
8/18/2011		56	69	28	6	4	4	7	restart pu
8/19/2011		64	77	26	6	4	1	14	
8/20/2011		57	71	28	6	4		15	
8/21/2011		57	71	28	6	4		17	
8/22/2011		56	69	29	6	4		8	3.75 min bt
8/23/2011		78	91	29	6	4		9	
8/24/2011		54	67	29	6	4		7	
8/25/2011		58	71	30	6	4		6	
8/26/2011		57	70	30	6	4		6	
8/27/2011		58	71	30	6	4		7	
8/28/2011		57	70	31	6	4		8	
8/29/2011		57	70	31	6	4		9	
8/30/2011		58	71	31	6	4		7	4 min bt
8/31/2011		58	71	31	6	4		6	

Total 881 232

RECEIVED APR 2 4 2012 KCC WICHITA W358 Miller 2-13 St. Francis St. Francis

None

September-11

**FloBoss** 

	Tubing	g Casing					HRS	Water	REMARKS
DATE	PSI	PSI	STATIC	MCF	SPM	CYCLE	DOWN	BBLS	(Maximum length 110 characters
9/1/2011		58	71	32	6	4		6	
9/2/2011		58	71	32	6	4		7	
9/3/2011		58	71	32	6	4		8	
9/4/2011		58	71	32	6	4		6	
9/5/2011		57	70	33	6	4		7	
9/6/2011		57	70	33	6	4		6	4.75 min bt
9/7/2011		58	71	33	6	2		3	pu off water leak
9/8/2011		57	70	29	6	2		3	restart pu
9/9/2011		58	71	30	6	4		7	
9/10/2011		57	70	32	6	4		8	
9/11/2011		58	71	32	6	4		7	
9/12/2011		58	71	33	6	4		6	
9/13/2011		58	71	33	6	4		7	4 min bt
9/14/2011		58	71	33	6	4		9	
9/15/2011		57	70	33	6	4		5	
9/16/2011		57	70	33	6	4		7	
9/17/2011		57	70	33	6	4		8	
9/18/2011		57	70	33	6	4		6	
9/19/2011		58	71	33	6	4		8	
9/20/2011		57	70	33	6	4		7	4 min bt
9/21/2011		58	71	34	6	4		6	
9/22/2011		58	71	34	6	4		8	
9/23/2011		57	70	34	6	4		7	
9/24/2011		58	71	34	6	4		6	
9/25/2011		57	70	34	6	2		4	shut pumping unit off
9/26/2011		57	70	30	6	2		5	started pu
9/27/2011		54	67	30	6	4		7	•
9/28/2011		61	74	33	6	4		8	3.75 min bt
9/29/2011		55	68	32	6	4		7	
9/30/2011		54	67	32	6	4		9	
10/1/2011									

Total 974 198

RECEIVED
APR 2 4 2012
KCC WICHITA

W358 Miller-2-13 St. Francis St. Francis None October-11

	Tubing	Casing					HRS	Water	REMARKS
DATE	PSI	PSI	STATIC	MCF	SPM	CYCLE	DOWN	BBLS	Maximum length 110 character
10/1/2011	-	59	72	33	6	10		19	1
10/2/2011		59	72	33	6	10		17	
10/3/2011		58	71	33	6	10		18	
10/4/2011		57	70	33	6	10		19	3.75 min bt
10/5/2011		56	69	33	6	10		20	
10/6/2011		58	71	33	6	10		17	
10/7/2011		59	72	34	6	10		18	
10/8/2011		57	70	34	6	10		19	
10/9/2011		58	71	34	6	10		20	
10/10/2011		58	71	34	6	10		18	4 min bt greased
10/11/2011		57	70	34	6	10		21	
10/12/2011		55	68	34	6	10		19	
10/13/2011		60	73	34	6	10		18	
10/14/2011		56	69	34	6	10		17	
10/15/2011		57	70	34	6	10		19	
10/16/2011		56	69	34	6	10		16	
10/17/2011		56	69	34	6	10		18	
10/18/2011		59	72	34	6	10		19	
10/19/2011		59	72	34	6	10		20	
10/20/2011		56	69	34	6	10		17	3.25 min bt
10/21/2011		57	70	35	6	10		16	
10/22/2011		57	70	34	6	10		18	
10/23/2011		57	70	34	6	10		17	
10/24/2011		57	70	35	6	10		20	
10/25/2011		57	70	34	6	10		24	3 min bt
10/26/2011		56	69	34	6	10		23	
10/27/2011		56	69	34	6	10		21	
10/28/2011		56	69	34	6	10		24	
10/29/2011		56	69	34	6	10		23	
10/30/2011		56	69	35	6	10		22	
10/31/2011		56	69	35	6	10		23	

Total 1052 600