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

1

Type Test	:		F3 6==		(	See Instruct	tions on Re	verse Side	)			
	en Flov Iiverabi		MST		Test Date 8/8/2008					No. 15 1-20408-00	-00	
Company		sour	ces, Inc.				Lease Duell				11-27	Vell Number
County Location Sherman NWNW			Section TWF 27 7S			RNG (E/W) 39W			Acres Attributed 80			
Field Goodlan	d				Reservoir Niobrara					hering Conne Systems Inc		
Completic 6/6/200		)			Plug Bac <b>1215'</b>	k Total Dept	th		Packer S	Set at		
Casing Size Weight 4 1/2" 10.5#		Internal Diameter 4.000		Set at 1215'		Perforations 1030'		то 1064'				
Tubing Si	ze		Weight		Internal C	Diameter	Set a	at		rations	То	
Type Con Single (					Type Flui Dry Ga	d Production IS	n		Pump Ui flowing	nit or Traveling		/ <b>(</b> )
Producing Annulus		(Anr	nulus / Tubing	)	% C	arbon Dioxi	de		% Nitrog	en	.6	avity - G <sub>g</sub>
Vertical D 1215'	epth(H	)				Pres Flan	sure Taps ge				(Meter F 2"	Run) (Prover) Size
Pressure	Buildup	o: :	Shut in8-8	2	0 08 at 8	:00	(PM)	Taken_8-	9	20	08 at 8:48	(ÂM) PM)
Well on L	ine:	;	Started 8-9	2	0 08 at 8	:48	(AM) (PM)			20	08 at 9:22	(AM)(PM)
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	n 24 Hours
Static / Dynamic Property	namic Size Meter Differentia		Pressure Differential in Inches H <sub>a</sub> 0	Flowing Temperature t Well Head Temperature t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			po.g ()	monos rigo			psig 25	99.4	psig	psia		
Flow							17	31.4				
						FLOW STR	REAM ATTR	IBUTES		n-14/10-11		
Plate Coeffied (F <sub>b</sub> ) (F Mcfd	ient p)		Circle one: Meter or ver Pressure psia	Press Extension ✓ P <sub>m</sub> x h	Grav Fac F	tor	Flowing Temperature Factor F <sub>11</sub>	Fa	lation ctor pv	Metered Flow R (Mcfd)	GOR (Cubic Fed Barrel)	Flowing Fluid Gravity G <sub>m</sub>
										13		
					(OPEN FL	OW) (DELIV	ERABILITY	) CALCUL	ATIONS		(P_) <sup>2</sup>	e = 0.207
(P <sub>c</sub> ) <sup>2</sup> =		:	(P <sub>w</sub> ) <sup>2</sup> =_	:	P <sub>d</sub> =		% (I	P <sub>c</sub> - 14.4) +	14.4 =	<u> </u>	(P <sub>a</sub> )	
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F		(P	(P <sub>w</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2  1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ fivided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Slo As	ssure Curve pe = "n" - or signed ard Slope	n x	rod	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
<u> </u>												
Open Flor	w			Mcfd @ 14.	65 psia	<del></del>	Deliverat	oility			Mcfd @ 14.65 psi	a
				behalf of the	e and correc	t. Executed	this the 1			ne above repo	rt and that he ha	s knowledge of 08
			Witness (if	any)	К	ANSAS COR	3.311.34(4	COMMISSIE	MO ?	For C	Company	
	· · · · <del>- · · · ·</del>		For Commi	ssion	<del> </del>	JAR	V 2 9 20	09		Chec	cked by	

exempt status and that the fo correct to the b of equipment in I hereby re	under penalty of perjury under the laws of the state of Kansas that I am authorized to request under Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.  oregoing pressure information and statements contained on this application form are true and pest of my knowledge and belief based upon available production summaries and lease records installation and/or upon type of completion or upon use being made of the gas well herein named. Equest a one-year exemption from open flow testing for the Duell 11-27
[ [ [ I further aç	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 gree to supply to the best of my ability any and all supporting documents deemed by Commission sary 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.

JAN 29 2009



W2266 Duell 11-27 North Goodland Goodland None August-08

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
8/1/2008	1:	5 28	13	2	
8/2/2008	1:	5 28	13	0	
8/3/2008	1:	5 28	13	0	
8/4/2008	13	5 28	13	0	
8/5/2008	13	5 28	13	0	
8/6/2008	15	5 28	13	0	
8/7/2008	21	1 34	6	5.5	
8/8/2008	25	38	1	5	
8/9/2008	25	38	0	24	
8/10/2008	25	38	0	0	
8/11/2008	18	31	13	0	
8/12/2008	19	32	13	0	
8/13/2008	18	31	13	0	
8/14/2008	18	31	13	0	
8/15/2008	18	31	13	0	
8/16/2008	15	28	13	0	
8/17/2008	15	28	12	0	
8/18/2008	18	31	8	0	
8/19/2008	18	31	12	0	
8/20/2008	18	31	12	0	
8/21/2008	18	31	6	7	
8/22/2008	18	31	12	0	
8/23/2008	17	30	13	0	
8/24/2008	17	30	13	0	
8/25/2008	17	30	13	0	
8/26/2008	17	30	13	0	
8/27/2008	17	30	13	0	
8/28/2008	17	30	13	0	
8/29/2008	17	30	13	0	
8/30/2008	17	30	13	0	
8/31/2008	17	30	13	0	

Total 342



W2266
Duell 11-27
North Goodland
Goodland
None
September-08

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	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
9/1/2008	17	30	1	3 (	)
9/2/2008	17	30	1.	4 (	)
9/3/2008	17	30	1.	4 (	)
9/4/2008	20	33	,	7 (	)
9/5/2008	20	33		7 (	)
9/6/2008	17	30	1.	3 (	)
9/7/2008	17	30	1.	3 (	)
9/8/2008	17	30	1:	3 (	)
9/9/2008	17	30	1.	3 (	)
9/10/2008	17	30	13	3 8	3
9/11/2008	18	31	;	8 (	)
9/12/2008	17	30	14	4 (	)
9/13/2008	17	30	14	4 0	)
9/14/2008	17	30	14	4 0	)
9/15/2008	17	30	14	4 0	)
9/16/2008	17	30	14	4 C	)
9/17/2008	17	30	14	<b>4</b> C	)
9/18/2008	17	30	14	4 C	)
9/19/2008	17	30	13	3 0	)
9/20/2008	17	30	13	3 0	
9/21/2008	17	30	13	3 0	)
9/22/2008	17	30	13	3 0	
9/23/2008	17	30	13	3 0	
9/24/2008	17	30	13	3 0	
9/25/2008	17	30	14	4 0	r
9/26/2008	17	30	14	4 0	ı
9/27/2008	17	30	14	<b>4</b> 0	•
9/28/2008	17	30	14	4 0	
9/29/2008	17	30	14	1 0	
9/30/2008	17	30	14	1 0	ı
10/1/2008				0	1

Total 388





W2266
Duell 11-27
North Goodland
Goodland
None
October-08

	Casing			J	HRS	REMARKS
DATE	PSI	STATIC	MCF	I	OOWN	(Maximum length 110 characters)
10/1/2008	10	5 29		13	0	
10/2/2008	10	5 29		13	0	
10/3/2008	10	6 29		13	0	
10/4/2008	10	6 29		13	0	
10/5/2008	20	33		4	16	
10/6/2008	10	5 29	1	8	5	
10/7/2008	10	6 29		13	0	
10/8/2008	10	5 29		13	0	
10/9/2008	1'	7 30		13	0	
10/10/2008	10	5 29		13	0	
10/11/2008	10	5 29		13	0	
10/12/2008	10	5 29		13	0	
10/13/2008	10	5 29	:	13	9.5	
10/14/2008	10	5 30	ı	8	3	
10/15/2008	10	5 29		13	0	
10/16/2008	10	5 29		13	0	
10/17/2008	10	5 29		13	0	
10/18/2008	10	5 29	1	13	0	
10/19/2008	10	5 29	1	13	0	
10/20/2008	10	5 29	1	13	0	
10/21/2008	10	5 29	1	13	0	
10/22/2008	16	5 29	1	13	0	
10/23/2008	10	5 29	1	13	0	
10/24/2008	10	5 29	1	13	0	
10/25/2008	10	5 29	1	13	0	
10/26/2008	10	5 29	1	13	0	
10/27/2008	10	5 29	1	13	0	
10/28/2008	10	5 29	1	13	0	
10/29/2008	10	5 29	1	13	0	
10/30/2008	10	5 29	1	13	0	
10/31/2008	10	5 29	1	13	0	

Total 384



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