KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:		-			(See Instruc	tions on Re	verse Side))						
Op	oen Flov	N	B SL		Test Date	e.			ΑР	l No. 15					
De	eliverabi	ilty			5/12/20					3-20666-00	90				
Company Rosewo		sou	rces, Inc.	ATTENDED AND THE CONTROL OF THE CONT	Marie I and All III as November 1		Lease Heim		2017 P. M. P.	ad the Community of the	31-33	Well Number			
County Location Cheyenne NWNE					Section 33		TWP 2S		RNG (E 42W	Z/W)	Acres Attributed 80				
Field Cherry Creek					Reservoi Niobrar					Gas Gathering Connection Branch Systems Inc.					
Completion 3/29/200		9		COMMON THE RESERVE OF THE COMMON TO	Plug Bac 1799'	k Total Dept	th		Packer	Set at	· · · · · · · · · · · · · · · · · · ·				
Casing Size Weight 4 1/2" 10.5#					Internal I 4.052	Diameter	Set a 179	at 9.86'	Perfo 161	orations	To 1648'				
Tubing S NONE	ize		Weig	nt	Internal I	Diameter	Set a	at	Perf	orations	То				
Type Con Single (Type Flui Dry Ga	d Production	n		Pump U flowin	nit or Traveling	Plunger? Yes	/ (()			
Producing	_	(Anı	nulus / Tubir	g)	% (Carbon Dioxi	de		% Nitro	gen	Gas Gr .6	avity - G _g			
Vertical D)		· · · · · · · · · · · · · · · · · · ·		Pres Flan	sure Taps					Run) (Prover) Size			
Pressure	Buildup) :	Shut in 5-1	2 2	08 at 3		(AM) (FM)				08 at 4:00	(AM) (M)			
				3 2	08 at 4	:00	(AM) PM				08 at 4:50	(AM) (PM)			
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	in 24 Hour			
Static / Dynamic Property	Size Meter Differential Prover Pressure in		Flowing Well Head Temperature t t		Cas Wellhead (P _w) or (P	Pressure	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Duration (Hours)	Liquid Produced (Barrels)					
Shut-In			psig (Pm)	Inches H ₂ 0			psig 83	psia 97.4	psig	psia		-			
Flow							86	100.4							
				T		FLOW STR	EAM ATTR	IBUTES		.					
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or rover Pressure psia Press Extension P _m x t		Gravity Factor F _g		emperature Factor		iation Metered Flow ictor R F (Mcfd)		GOR (Cubic Fe Barrel)	et/ Flowing Fluid Gravity G _m			
						80									
					(OPEN FL	OW) (DELIVI	ERABILITY) CALCUL	ATIONS			2 = 0.207			
(P _c) ² =		_:_	(P _w)² =	Choose formula 1 or 2		·9	% (F	² _c - 14.4) +	14.4 = _	<u> </u>	(P _d) ²	· =			
(P _c) ² - (F or (P _c) ² - (F		(P	_c) ² - (P _w) ²	1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Slop	ssure Curve De = "n" Or signed ard Slope	n v	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)			
Open Flow	w			Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.65 psi	a			
The u	undersig	ned	authority, o	n behalf of the	Company, s	tates that he	e is duly au	thorized to	make th	ne above repo	rt and that he ha	s knowledge of			
the facts st	tated th	erei	n, and that s	aid report is true					day of	ecember		, 20 08			
								L	ach	e m	Man				
			Witness (fany)	Kansasc	RECEIVE	COMMISSI	MC		For C	ompany				
			For Comm	ission	KANSASCA	AN 29	2 <i>009</i>			Chec	ked by				
			,		ل م		MOISIVIAM								
					C)	INSERVATION OF THE PROPERTY OF	CN A								

I declare unde		
	or penalty of perjury under the laws of the state of Kan er Rule K.A.R. 82-3-304 on behalf of the operator Rosev ping pressure information and statements contained o	wood Resources, Inc.
_	of my knowledge and belief based upon available produ	
of equipment instal	lation and/or upon type of completion or upon use being st a one-year exemption from open flow testing for the _	g made of the gas well herein named.
	unds that said well:	
I further agree	is a coalbed methane producer is cycled on plunger lift due to water is a source of natural gas for injection into an oil reserv is on vacuum at the present time; KCC approval Docker is not capable of producing at a daily rate in excess of to supply to the best of my ability any and all supportin to corroborate this claim for exemption from testing.	et No f 250 mcf/D
Date: 12/10/08		RECEIVED KANSAS CORPORATION COMMI
		JAN 2 9 2009 CONSERVATION DIVISION WICHITA, KS
	Signature: <u>Luayre</u>	malan
	Title: Production Forema	
	riue,	

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.

W436 Heim 31-33 West St. Francis St. Francis None May-08

	Tubing	Casing					HRS	Water	REMARKS
DATE	PSI	PSI	STATIC MO	CF	SPM	CYCLE	DOWN	BBLS	(Maximum length 110 characters
5/1/2008			81	75	7	12	0	21	
5/2/2008			81	75	7	12	0	20	
5/3/2008			80	75	7	12	0	21	
5/4/2008			80	75	7	12	0	20	
5/5/2008			80	75	7	12	0	20	
5/6/2008			80	75	7	12	0	21	
5/7/2008			82	75	7	12	0	21	bucket test 4 min
5/8/2008			82	75	7	12	0	20	
5/9/2008			82	75	7	12	0	22	
5/10/2008			82	75	7	12	0	21	
5/11/2008			82	75	7	12	0	20	
5/12/2008			83	75	7	12	0	19	
5/13/2008		70	86	75	0	0	0	21	shut in for test
5/14/2008		190	68	10	7	12	0	0	open
5/15/2008			99	108	7	12	0		bucket test 4 min
5/16/2008			85	90	7	12	0	22	
5/17/2008			83	86	7	12	0	20	
5/18/2008			82	87	7	12	0	21	
5/19/2008			83	68	0	0	0	0	
5/20/2008			82	65	7	12	0	0	pumping unit turned off restarted
5/21/2008			84	77	7	12	0	22	
5/22/2008			85	85	7	12	0	21	bucket test 4 min
5/23/2008			86	86	7	12	0	20	
5/24/2008			83	86	7	12	0	19	
5/25/2008			83	85	7	12	0	20	
5/26/2008			83	85	7	12	0	21	
5/27/2008			85	84	7	12	0	22	
5/28/2008			84	83	7	12	0		bucket test 4 min
5/29/2008			85	83	7	12	0	22	
5/30/2008			87	83	7	12	0	20	
5/31/2008			85	83	7	12	0	22	

Total 2409 581



W436 Heim 31-33 West St. Francis St. Francis None June-08

	Tubing	Casing					HRS	Water	REMARKS
DATE	PSI	PSI	STATIC	MCF	SPM	CYCLE	DOWN	BBLS	(Maximum length 110 characters
6/1/2008			85	83	7	12	0	21	
6/2/2008			85	82	7	12	0	22	
6/3/2008			86	81	7	12	0	21	
6/4/2008			83	81	7	12	0	20	
6/5/2008			83	81	7	12	0	21	bucket test 4 min
6/6/2008			81	70	7	12	0	0	power off during storm-restarted
6/7/2008			82	72	7	12	0	22	
6/8/2008			85	85	7	12	0	23	
6/9/2008			83	82	7	12	0	22	
6/10/2008			83	82	7	12	0	23	
6/11/2008			87	80	7	12	0	22	
6/12/2008			86	80	7	12	0	21	bucket test 4 min
6/13/2008			87	80	7	12	0	20	
6/14/2008			86	80	7	12	0	22	
6/15/2008			88	80	7	12	0	20	
6/16/2008			86	79	7	12	0	20	•
6/17/2008			86	80	7	12	0	19	
6/18/2008			84	79	7	12	0	20	
6/19/2008			84	79	7	12	0	21	bucket test 4 min
6/20/2008			84	79	7	12	0	20	
6/21/2008			83	79	7	12	0	19	
6/22/2008			84	79	7	12	0	20	
6/23/2008			86	79	7	12	0	19	
6/24/2008			85	79	7	12	0	20	
6/25/2008			85	79	7	12	0	21	bucket test 4 min
6/26/2008			85	78	7	12	0	20	
6/27/2008			85	78	7	12	0	19	
6/28/2008			83	78	7	12	0	21	
6/29/2008			83	78	7	12	0	22	
6/30/2008			83	78	7	12	0	21	
7/1/2008							0		

Total 2380 602



W436 Heim 31-33 West St. Francis St. Francis None July-08

	Tubing	Casing					HRS	Water	REMARKS
DATE	PSI	PSI	STATIC	MCF	SPM	CYCLE	DOWN	BBLS	(Maximum length 110 characters)
7/1/2008			83	78	7	12	0	19	
7/2/2008			83	78	7	12	0	20	
7/3/2008			83	75	7	12	0	21	
7/4/2008			81	66	7	12	0	0	pump off
7/5/2008			90	77	7	12	0	21	pump off
7/6/2008			91	76	7	12	0	10	pump off
7/7/2008			94	79	7	12	0	19	
7/8/2008			89	83	7	12	0	20	
7/9/2008			85	79	7	12	0	21	bucket test 4 min
7/10/2008			92	79	7	12	0	20	
7/11/2008			95	78	7	12	0	22	
7/12/2008			87	79	7	12	0	21	
7/13/2008			87	78	7	12	0	19	
7/14/2008			107	78	7	12	11	16	PU off HFP
7/15/2008			125	51	0	0	0	0	PU off HFP
7/16/2008			107	70	0	0	0	0	pu off hfp greased
7/17/2008			91	63	0	0	0	0	pu off hfp
7/18/2008			117	59	0	0	0	0	pu off hfp
7/19/2008			73	56	7	12	3	0	started pumping unit
7/20/2008			80	63	7	12	0	21	
7/21/2008			84	70	7	12	0	22	
7/22/2008	•		88	71	7	12	0	21	bucket test 4 min
7/23/2008			89	71	7	12	0	22	
7/24/2008			93	72	0	0	4	20	pump off hfp
7/25/2008			90	62	0	0	0	0	PU off HFP
7/26/2008			84	70	0	0	0	0	PU off HFP
7/27/2008			68	57	7	12	0	20	restart pump
7/28/2008			73	62	7	12	0	21	- •
7/29/2008			86	67	7	12	0	21	bucket test 4 min
7/30/2008			167	69	0	0	0	20	pump off hfp
7/31/2008	•		85	59	7	12	5		restart pump

Total 2175 437

