KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:	HET		0	See Instruct	ions on Rev	erse Side)				
☐ Op	en Flow	N DI		Test Data:					No. 15			
Deliverabilty			Test Date: 9/30/2015				API No. 15 181-20372-00 00					
Company		urces, Inc.		Lease Gutsch							Well Nu	mber
County Location Sherman SESE/4			Section 26		TWP 8S	• • •		W)	Acres Attributed 80			
Field Goodan	d			Reservoir Niobrara			Gas Gathering Cor Branch Systems					
Completic 9/15/200				Plug Baci	k Total Dept	h		Packer S				
Casing S 2 7/8"		Weigh 6.5#	t	Internal D	Diameter	Set at 1245'		Perforations 1008'		To 1038'	то 1038'	
Tubing Si	ize	Weigh	t	Internal E	Diameter				rations	То		
Type Con Single (· · · · · · · · · · · · · · · · · · ·		d Production	1		Pump Ur	nit or Traveling	Plunger? Yes	No	
Producing	g Thru (A	nnulus / Tubing	g)	DryGas % Carbon Dioxide				% Nitrog	<u> </u>		Gas Gravity - G _g	
Annulus				_						.6	D>\ /D-	- Cina
Vertical D)epth(H)				Flan					(Meter 2"	HUN) (PI	over) Size
Pressure	Buildup:	Shut in 9-3	20	15 at 8:55 (PM)			Taken 10-1 20 1				(AM) (PM)
Well on L	.ine:	Started 10-	1 20	15 at 1	U:U5	(PM)	Taken 10)-2 	20 	15 _{at} 9:55		AM)(PM)
	<u> </u>		_ 		OBSERVE	D SURFACE	DATA			Duration of Shut	-in <u>24</u>	Hours
Static / Dynamic	Static / Orifice Meter		Pressure Differential	Flowing Well Head Temperature Temperature		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Welihead Pressure (P _w) or (P _p) or (P _p)		Duration (Hours)		d Produced .
Property	(inches)	psig (Pm)	Inches H ₂ 0	1 1 1		t psig psia		psig psia				
Shut-In						9	23.4					
Flow						2	16.4			24	0	
					FLOW STR	EAM ATTRI	BUTES					
(E. V.E.) Prover Pressure		Press Extension ✓ P _m x h	Fact	Gravity Factor F _g		Deviation Factor F _{pv}		Metered Flow R (Mcfd)	N GOR (Cubic Fo Barrel	eet/	Flowing Fluid Gravity G _m	
							_		7		_	
	•			•	, ,	ERABILITY)			_) ² = 0.2	07
(P _c) ² =	:	(P _w)² =	Choose formula 1 or 2	$P_q =$	 `		<u>- 14.4) +</u>			(P _d	r = 7	 -
$ \begin{array}{c cccc} (P_o)^2 - (P_a)^2 & (P_o)^2 - (P_w)^2 & 1. P_o^2 - P_o^2 \\ or & & & & & & \\ (P_o)^2 - (P_o)^2 & & & & & \\ \end{array} $		1. P _c ² -P _a ²	LOG of formula 1. or 2. and divide by: LOG of formula 1. or 2.		Backpressure Curve Slope = "n"oror Assigned Standard Slope		n x LOG		Antilog	Deli Equals	en Flow verability R x Antilog (Mcfd)	
_												
							_					
Open Flo	w		Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.65 ps	sia	
	_								ne above repo Jecember	ort and that he h	as know	ledge of
the facts s	stated the	rein, and that s	aid report is true						narl	1-11/1	1/1	
		Witness (if any)		C WIC			jce	For	Company	<u> Cll</u>	ej
		For Comm	nission	AP	R 07 2	V16 -	-		Che	cked by		

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I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
and that the foregoing 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
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby request a one-year exemption from open flow testing for the Gutsch 1-26
gas well on the grounds that said well:
(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 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
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
Date: 12/22/15
KCC WICHITA 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.

W401



South Goodland

Goodland

None

September-15

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN _	(Maximum length 110 characters)
9/1/2015		2 15	6	0	-
9/2/2015	2	2 15	6	0	
9/3/2015	1	2 15	7	0	
9/4/2015	2	2 15	6	0	
9/5/2015	2	2 15	6	0	
9/6/2015	2	2 15	6	0	
9/7/2015		2 15	6	0	
9/8/2015		2 15	6	0	
9/9/2015	2	2 15	6	0	
9/10/2015		2 15	7	0	
9/11/2015		2 15	7	0	
9/12/2015	2	2 15	7	0	
9/13/2015	2	2 15	6	0	
9/14/2015	2	2 15	6	0	
9/15/2015	2	2 15	6	0	
9/16/2015		2 15	6	0	
9/17/2015	2	2 15	6	0	
9/18/2015	2	2 15	7	0	
9/19/2015	2	2 15	7	0	
9/20/2015	2	2 15	7	0	
9/21/2015	2	2 15	6	0	
9/22/2015	2	2 15	6	0	
9/23/2015	2	2 15	6	0	
9/24/2015		2 15	7	0	
9/25/2015	2	2 15	7	0	
9/26/2015		2 15	7	0	
9/27/2015		2 15	7	0	
9/28/2015	2	2 15	. 6	0	
9/29/2015	2	2 15	0	22	
9/30/2015	;	3 21	0	24	24 hr shut in pressure for state
10/1/2015	(0 _ 0	0	0	

Total

179

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South Goodland

Goodland

None

October-15

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
10/1/2015	9	22	0	24	-
10/2/2015	7	20	6	7	
10/3/2015	5	18	9	0	
10/4/2015	4	17	8	0	
10/5/2015	3	16	8	0	
10/6/2015	3	16	8	0	
10/7/2015	3	16	8	0	
10/8/2015	3	16	7	2	
10/9/2015	3	16	7	2	
10/10/2015	3		8	2	
10/11/2015	2	15	8	0	
10/12/2015	3	16	7	4	
10/13/2015	2	15	8	0	
10/14/2015	2	15	7	0	
10/15/2015	2	15	7	0	
10/16/2015	2	15	7	0	
10/17/2015	2	15	7	0	
10/18/2015	2	15	7	0	
10/19/2015	2	15	7	0	
10/20/2015	2	15	7	0	
10/21/2015	2	15	7	0	
10/22/2015	2	15	7	0	
10/23/2015	2		7	0	
10/24/2015	2	15	7	0	
10/25/2015	2	15	7	0	
10/26/2015	2	15	7	0	
10/27/2015	2	15	7	0	
10/28/2015	2	15	7	0	
10/29/2015	2		7	0	
10/30/2015	2	15	7	0	
10/31/2015	2	15	7	0	

Total 218

KCC WICHITA APR 0.7 2016 RECEIVED W401 Gutsch 1-26

South Goodland

Goodland

None

November-15

	Casing			HRS	REMARKS
DATE	PSI	STATIC N	ИCF	DOWN	(Maximum length 110 characters)
11/1/2015	2	15	7	0	
11/2/2015	2	15	7	0	
11/3/2015	1	14	7	0	
11/4/2015	2	15	7	0	
11/5/2015	2	15	7	0	
11/6/2015	2	15	7	0	
11/7/2015	2	15	7	0	
11/8/2015	2	15	7	0	
11/9/2015	2	15	7	0	
11/10/2015	2	15	6	0	
11/11/2015	2	15	7	0	
11/12/2015	2	15	7	0	
11/13/2015	2	15	7	0	
11/14/2015	2	15	7	0	
11/15/2015	2	15	7	0	
11/16/2015	2	15	6	0	
11/17/2015	2	15	6	0	
11/18/2015	2	15	7	0	
11/19/2015	2	15	7	0	
11/20/2015	2	15	6	1	
11/21/2015	2	15	7	0	
11/22/2015	1	14	7	0	
11/23/2015	2	15	6	0	
11/24/2015	2	15	7	0	
11/25/2015	2	15	7	0	
11/26/2015	1	14	7	0	
11/27/2015	2	15	6	0	
11/28/2015	2	15	6	0	
11/29/2015	1	14	6	0	
11/30/2015	1	14	6	0	
12/1/2015	0	0	0	0	

Total 201

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