KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test		and form		ť	See Instruc	tions on Rev	erse Side	9)				
□ Op	en Flow	MSI		-					N - 4-			
	eliverabilty			Test Date 6/22/14	? :				No. 15 -20632 - 00 (7 0		
Company Rosewo		ources, Inc.				Lease Alvin				44-08	Well Nu	mber
County	ne	Loca SESE		Section 8		TWP 3S		RNG (E/ 41W	W)		Acres A	Attributed
Field St. Fran	cis			Reservoir Niobrara					hering Conn Systems In			
Completion 10/22/20				Plug Bac 1537'	k Total Dep	th		Packer S	_ -			
Casing S 2 7/8"	ize	Weig 6.5#	•	Internal E 2.441	Diameter	Set at 1552		Perfo	rations 3'	 To 1451'		
Tubing Si	ize	Weig	jht	Internal E	Diameter	Set at	<u> </u>	Perfo	rations	То		
Type Con				Type Flui	d Production	п		Pump Ur	it or Traveling	g Plunger? Yes	No	
	g Thru (A	Annulus / Tubi	ng)	% C	arbon Dioxi	ide		% Nitrog	<u> </u>		ravity - (a _o
Vertical D					Pres	sure Taps				.6 (Meter	Run) (Pi	rover) Size
1451'					Flan	•				2"		
Pressure	Buildup:	Shut in 6-		20 14 at 1		(AM)(PM)	Taken 6-	19		14 _{at} 10:35		AM)(PM)
Well on L	.ine:	Started _6-	22 2	20 <u>14</u> at <u>1</u>	0:35	(PM)	Taken <u>6-</u>	23	20	14 at 11:20	(ÂM)(PM)
					OBSERVE	D SURFACE	DATA			Duration of Shut	_{-in} _360	Hours
Static / Dynamic	Orifice Size	Prover Pres	Differential	Flowing Temperature	, .	Casi Wellhead F (P_) or (P_	ressure	Wellhe	ubing ad Pressure (P ₁) or (P ₂)	Duration (Hours)		d Produced Barre!s)
Property Shut-In	(inches	psig (Pm) Inches H ₂ 0	t	t	psig	psia 246.4	psig	psia		+-	
Flow							246.4 86.4			360	0	
			<u></u>		FLOW STR	REAM ATTRI		<u> </u>		1 000_	1-	
Plate Coeffiec (F _b) (F	ient p)	Circle one: Meter or Prover Pressure psia	Press Extension ✓ P _m x h	Grav Fact	vity T	Flowing Temperature Factor F ₁₁	Dev Fa	iation ctor	Metered Flor R (Mcfd)	w GOR (Cubic Fo		Flowing Fluid Gravity G _m
							_		10			
(P _c) ² =		(P _w) ²	=:	•		'ERABILITY)	CALCUL , - 14.4) +		:	(P _a)) ² = 0.2	07
(P _c) ² - (I or (P _c) ² - (I		(P _c) ² - (P _w) ²	Choose formula 1 or. 1. P _c ² -P _s ² 2. P _c ² -P _c ² divided by: P _c ² -P _c	LOG of formula 1. or 2. and divide	P.2-P.2	Slope	sure Curve e = "n" origned rd Slope	n x i	.og	Antilog	Deli Equals	en Flow iverability R x Antilog (Mcfd)
Open Flo	w		Mcfd @ 14	.65 psia		Deliverabil	lity			Mcfd @ 14.65 ps	ia	
The	undersigr	ed authority,	on behalf of the	Company, s	states that h	e is duly aut	horized t	o make th	e above repo	ort and that he ha	as know	ledge of
the facts s	tated the	rein, and that	said report is tru	e and correc	t. Executed Receiv	this the 12 ed ON COMMISSION			ecember	en a -f-	, ;	20
		Witness	(if any)		FEB 25		6	anu	W For	Manu Company	rey	<u> </u>
		For Con	nmîssion		NSERVATION	_			Che	cked by		
				601	WICHITA,					=		

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 Alvin 44-8
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:
Received KANSAS CORPORATION COMMISSION FEB 2 5 2015 CONSERVATION DIVISION WICHITA, KS 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 critérion 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.

W2087 Alvin 44-8 St. Francis St. Francis None June-134

					
	Casing			irs	REMARKS
DATE	PSI	STATIC MCF		DOWN	(Maximum length 110 characters)
6/1/20134	65	78	11	_ 0	
6/2/201	83	96	10	0	
6/3/201	73	86	12	0	
6/4/201	94	107	10	0	
6/5/201	59	72	12	0	
6/6/201	60	73	11	0	
6/7/2013	170	183	8	9	
6/8/201	187	200	8	24	
6/9/201	190	203	0	24	
6/10/201	209	222	0	24	
6/11/2013	209	222	0	24	
6/12/2013	214	227	0	24	
6/13/2013	228	241	0	24	
6/14/2018	229	242	0	24	
6/15/2018	229	242	0	24	
6/16/201	230	243	0	24	
6/17/2013	230	243	0	24	
6/18/2013	231	244	0	24	
6/19/2013	232	245	0	24	
6/20/2013	155	168	0	24	
6/21/2013	155	168	0	24	
6/22/2013	155	168	0	24	
6/23/2013	155	168	0	5	
6/24/2013	156	169	0	0	
6/25/2013	149	162	23	0	
6/26/2013	120	133	22	0	
6/27/2013	109	122	18	0	
6/28/2013	90	103	17	0	
6/29/2013	87	100	16	0	
6/30/2018	84	97	14	0	
7/1/2013				0	

Total 192

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W2087 Alvin 44-8 St. Francis St. Francis None July-14

	Casing			I	HRS	REMARKS
DATE	PSI	STATIC	MCF	1	OOWN	(Maximum length 110 characters)
7/1/2014	78	91		14	0	
7/2/2014	75	88		13	0	
7/3/2014	73	86		13	0	
7/4/2014	73	86		13	0	
7/5/2014	73	86		12	0	
7/6/2014	73	86		13	0	
7/7/2014	88	101		11	0	
7/8/2014	73	86		12	0	
7/9/2014	71	84		12	0	
7/10/2014	71	84		11	0	
7/11/2014	77	90		11	0	
7/12/2014	74	87		12	0	
7/13/2014	75	88		12	0	
7/14/2014	86	99		11	0	
7/15/2014	65	78		12	0	
7/16/2014	65	78		12	0	
7/17/2014	68	81		11	0	
7/18/2014	68	81		11	0	
7/19/2014	68	81		11	0	
7/20/2014	68	81		11	0	
7/21/2014	71	84		11	0	
7/22/2014	175	188		4	22	
7/23/2014	110	123		13	7	
7/24/2014	90	103		13	3	
7/25/2014	86	99		11	4	
7/26/2014	74	87		11	0	
7/27/2014	74	87		11	0	
7/28/2014	71	84		11	0	
7/29/2014	74	87		10	0	
7/30/2014	67	80		10	0	
7/31/2014	74	87		10	0	

Total 353

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CONSERVATION DIVISION WICHITA, KS

W2087 Alvin 44-8 St. Francis St. Francis None August-14

	Casing	_	HR	s	REMARKS
DATE	PSI	STATIC MC	F DO	WN	(Maximum length 110 characters)
8/1/2014	67	80	10	0	
8/2/2014	67	80	10	0	
8/3/2014	69	82	10	0	
8/4/2014	69	82	10	0	
8/5/2014	72	85	10	0	
8/6/2014	72	85	10	0	
8/7/2014	73	86	10	0	
8/8/2014	71	84	10	0	
8/9/2014	72	85	10	0	
8/10/2014	73	86	10	0	
8/11/2014	74	87	10	0	
8/12/2014	71	84	10	0	
8/13/2014	69	82	10	0	
8/14/2014	71	84	10	0	
8/15/2014	83	96	10	3	
8/16/2014	73	86	10	0	
8/17/2014	73	86	10	0	
8/18/2014	76	89	10	0	
8/19/2014	86	99	10	2	
8/20/2014	86	99	10	0	
8/21/2014	74	87	10	0	
8/22/2014	80	93	10	0	
8/23/2014	74	87	10	0	
8/24/2014	77	90	10	0	
8/25/2014	79	92	10	0	
8/26/2014	72	85	10	0	
8/27/2014	75	88	10	0	
8/28/2014	69		10	0	
8/29/2014	74		10	5	
8/30/2014	68	81	10	0	
8/31/2014	72	85	10	0	

Total 310

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