KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test		1	ØSI				(See Ins	tructi	ions on Re	everse Side	θ)						
_	liverabi	•	سدن الم			Test Dat 7/6/200						API N	No. 15 20611-00	nΩ			
Company						170/200			Lease			023-	20011-004			Well N	lumber
	od Re	sou	rces, Inc.			04			Grace		DN	- / - M			1-24	A	Attails
County Cheyenn	ne		Loca NW S			Section TWP 24 3S				RNG (E/W) 41W					80	Attributed	
Field Cherry Creek						Reservoir Niobrara				Gas Gathering Connection Branch Systems Inc.							
5/4/2005					Plug Back Total Depth 1507'				Packer Set at								
Casing Size Weight 4 1/2" 10.5#				Internal Diameter 4.052			Set at 1507'			Perforations 1302'			то 1334'				
Tubing Siz	ze		Weig	ht		Internal	Internal Diameter			Set at Perfora			itions		То		
Type Com Sinle (C	•	•	,			Type Fluid Production Dry Gas				Pump Unit or Traveling Plung flowing			unger? Yes / No				
Annulus	3		nulus / Tubir	ng)		% Carbon Dioxide				% Nitrogen			Gas G	Gas Gravity - G _g			
Vertical De 1334'	Vertical Depth(H) 1334'					Pressure Taps Flange								(Meter 2"	Run) (F	Prover) Size	
Pressure I	Buildup	o: {	Shut in _7/6	6	20	07 at 4:20 (AM) (M) Taken				Taken_7/	'/7 ₂₀ 07			07	at_3:30		(AM) (PM)
				07 at 3:30 (AM) (AM) Taken 7				Taken 7/	8	3 20 07 at 5					(AM)(PM)		
							OBSEF	(VE	SURFAC	E DATA				Dura	tion of Shut-	in 24	Hours
Static / Dynamic Property	namic Size Meter Different property (inches)		Pressure Differential in Inches H ₂ 0	Flowing Temperature t	emperature Temperature		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		(P	Tubing Wellhead Pressure (P_w) or (P_1) or (P_0) psig psia		Duration (Hours)		1 '	Liquid Produced (Barrels)		
Shut-In			po.g (,	<u></u>	1101100 1120		,	7	psig 150	psia 164.4	ps	sig	psia			 	
Flow	Flow				71		85.4						0	,			
							FLOW S	TRE	EAM ATTR	IBUTES							
Plate Coefficient (F _b) (F _p) Mcfd		Prover Pressure		Press Extension P _m x h	Gravity Factor F			Flowing emperature Factor F ₁₁	Deviation Factor F _{pv}		R (Mcfd)		w GOR (Cubic Feet/ Barrel)			Flowing Fluid Gravity G _m	
				_								4	19				
(P _c) ² =		<u>.</u> :	(P _w)² =	=	:	(OPEN FLO	OW) (DEI	LIVE %) CALCUL P _c - 14.4) +			:		(P _a)	2 = 0.2 2 =	207
or	$(P_c)^2 - (P_a)^2$ $(P_c)^2 -$ or $(P_c)^2 - (P_d)^2$		$(P_c)^2 - (P_w)^2$ Choose formula 1 or 2: 1. $(P_c^2 - P_a^2)^2$ 2. $(P_c^2 - P_d^2)^2$ divided by: $(P_c^2 - P_w^2)^2$		LOG of formula 1. or 2. and divide by:		Backpressure Curve Slope = "n" Assigned Standard Slope		n	n x LOG			Antilog	Del Equal:	pen Flow liverability s R x Antilog (Mcfd)		
																	
Open Flow	,				Mcfd @ 14.6	5 psia			Deliverab	ility				Mcfd	@ 14.65 psi	a	
					ehalf of the (above repo	rt and	I that he ha	s know	viedge of
			Witness ((if any)			-	_	/0	m	Z	For C	Company		η,	CEIVED
			For Comm	nisslo	n			-	_				Chec	ked by	-416	ve COE	RPORATION CO

	• •
l declare und	er penalty of perjury under the laws of the state of Kansas that I am authorized to request
	der Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
	going pressure information and statements contained on this application form are true and
	t of my knowledge and belief based upon available production summaries and lease records
of equipment insta	allation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby requ	est a one-year exemption from open flow testing for the Grace 1-24
	ounds 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.
\checkmark	is not capable of producing at a daily rate in excess of 250 mcf/D
I further agree	e to supply to the best of my ability any and all supporting documents deemed by Commission
	r to corroborate this claim for exemption from testing.
stati as necessary	to corroborate this claim for exemption from testing.
Date: 9/28/2007	
	Signature: om Whoelfs
	Title: Production Foreman
	•

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.

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KANSAS CORPORATION COMMISSION

W348

Grace 1-24

St. Francis

St. Francis

None

July-07

	Casing				HRS	REMARKS
DATE	PSI	STATIC	MCF		DOWN	(Maximum length 110 characters)
7/1/2007		64		43	0	7.,
7/2/2007		64		43	0	
7/3/2007		81		37	0	bp
7/4/2007		65		45	0	
7/5/2007		65		45	0	
7/6/2007		65		42	0	shut in 55 cp
7/7/2007		40		11	0	open 150 cp
7/8/2007		85		64	0	
7/9/2007		164		30	12	
7/10/2007		234		7	15	
7/11/2007		138		28	12	bp
7/12/2007		99		75	0	
7/13/2007		78		61	0	
7/14/2007		75		58	0	
7/15/2007		74		53	0	bp
7/16/2007		74		51	0	•
7/17/2007		74		51	0	
7/18/2007		72		51	0	
7/19/2007		71		51	0	
7/20/2007		71		51	0	
7/21/2007		72		50	0	
7/22/2007		72		50	0	
7/23/2007		71		50	0	
7/24/2007		91		39	4	
7/25/2007		72		57	0	
7/26/2007		71		49	0	
7/27/2007		72		45	0	
7/28/2007		74		44	0	
7/29/2007		74		45	0	
7/30/2007		70		45	0	bp
7/31/2007		71		48	0	•

Total

1419

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NOV 0 2 2007

W348 Grace 1-24 St. Francis St. Francis None August-07

	Casing		H	RS	REMARKS
DATE	PSI	STATIC MCF	D	OWN	(Maximum length 110 characters)
8/1/2007		71	48	0	
8/2/2007		70	48	0	
8/3/2007		70	48	0	
8/4/2007		71	48	0	
8/5/2007		73	48	0	
8/6/2007		73	48	0	
8/7/2007		71	48	0	
8/8/2007		74	47	0	
8/9/2007		98	47	12	
8/10/2007		138	20	0	
8/11/2007		119	32	0	
8/12/2007		101	36	0	
8/13/2007		101	45	0	
8/14/2007		102	47	0 b	p
8/15/2007	. 90	0 103	47	0	-
8/16/2007		81	50	0	
8/17/2007		77	48	0	
8/18/2007		74	47	0	
8/19/2007		74	47	0 b	· · · · · · · ·
8/20/2007		74	47	0	-
8/21/2007		74	47	0	
8/22/2007		74	47	0	
8/23/2007		74	47	0	
8/24/2007		74	47	0	
8/25/2007		. 77	47	0	
8/26/2007		74	47	0	
8/27/2007		79	47	0 b	p
8/28/2007		78	47	0	•
8/29/2007		94	43	. 0	
8/30/2007		90	43	0	
8/31/2007		90	43	. 0	

Total 1401

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NOV 0 2 2007

CONSERVATION DIVISION WICHITA, KS

W348

Grace 1-24

St. Francis

St. Francis

None

September-07

	Casing			HR	S	REMARKS
DATE	PSI	STATIC	MCF	DO	WN	(Maximum length 110 characters)
9/1/2007		80		47	0	
9/2/2007		85		46	0	·
9/3/2007		81		47	0	
9/4/2007		81		47	0	
9/5/2007		134		35	7	bp .
9/6/2007		116	•	50	0	
9/7/2007	,	96	;	46	3	
9/8/2007		83		45	0	
9/9/2007		82		47	0	
9/10/2007		76		47	0	
9/11/2007		72		47	0	bp
9/12/2007	6	5 73		46	0	
9/13/2007		77		45	0	
9/14/2007		77		45	0	
9/15/2007				44	0	
9/16/2007		93		44	0	
9/17/2007		93		44	0	
9/18/2007		89		46	0	
9/19/2007		89		48	0	
9/20/2007		90		46	0	
9/21/2007		81		46	0	
9/22/2007		88		46	0	
9/23/2007		89		46	0	
9/24/2007	•	83		47	0	
9/25/2007		73		49	0	bp
9/26/2007		67		48	0	•
9/27/2007	70	0 85		40	0	
9/28/2007		85		40	0	
9/29/2007		91		47	0	
9/30/2007		91		47	0	
10/1/2007					0	• •

Total 1368

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