KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:			MOT			(5	See Instru	ıcti	ons on Re	verse Side))				:				
	en Flov iverabi	•	ACT.			Test Date						API I	No. 15 20487-01 ~		O .				
Company						2/4/2010) 		Lease		·····	101-	20407-01				Vell Nu	mber	
Rosewoo		sour	ces, Inc.						Nemec	hek			and the second			21-23F			
County Location Sherman NENW					Section 23				TWP RNG (I				G (E/W) V 1			Acres Attributed 80			
Field Goodland			Reservoir Niobrara				Gas Gathering Conn Branch Systems In				ı ;								
Completion Date 11/23/2007				AMERICAN - 19 - 1944 PROVINCE PROPERTY OF THE	Plug Back Total Depth 3207'				n Packer S			r Set at							
Casing Size Weight 4 1/2" 10.5#					Internal Diameter 4.000				Set at			Perforations 3121'				то , 3136'			
Tubing Si	Tubing Size Weight				Internal Diameter				Set at Po			Perforations				То			
Type Com Single (Type Fluid	d Producti	ion				ump Uni	t or Traveling	Plur	nger?	Yes	No	· 10-00-10-1	
	Thru		ulus / Tubin	g)	***********	% Carbon Dioxide					% Nitrogen					Gas Gravity - G _g			
Vertical D)				Pressure Taps											Run) (P	rover) Size	
3298'						Flange										2"			
Pressure	Buildu	o: \$	Shut in 2-3	3	20	10 at 10	0:10	((AM)(PM)	Taken 2	-4			10	aı	10:25	(AM)(PM)	
Well on Li	ine:	;	Started 2-4	•	20	10 at 10	0:25	((AM)(PM)	Taken 2	-5		20	10	at	11:10		AM)(PM)	
							OBSER\	/EI	D SURFAC	E DATA				Dura	ation	of Shut-	72	Hours	
Static / Oynamic Property	amic Size Prover Pressure		Pressure Differentia ure in Inches H	al .	Flowing Well Head Temperature t		re (P _w) or (P ₁) or (P _c)		Pressure		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)		1 .	d Produced Barrels)			
Shut-In			paig (i m)	inches 11 ₂					psig 40	psia 54.4	<u> </u>	psig	psia						
Flow									21	35.4				72			0		
				1		1	FLOW S	TR	EAM ATTR	RIBUTES						i		1	
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension		Gravity Factor F _g		Flowing Temperature Factor F ₁₁		F	Deviation Factor F _{pv}		Metered Flow R (Mcfd)		GOR (Cubic Fee Barrel)			Flowing Fluid Gravity G _m	
												19							
				<u> </u>		(OPEN FL	OW) (DEL	.IVI	ERABILITY	/) CALCUI	LAT	IONS				(P _a)	² = 0.2	207	
(P _c) ² =		_:	(P _w) ² :	=;		P _d =		_ %	6 (P _c - 14.4) -	+ 14	1.4 =	•				2 =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1. P _c ² -P _d ² 2. P _c ² -P _d ²	pose formula 1 or 2: 1. $P_c^2 - P_a^2$ LOG of formula 2. $P_c^2 - P_d^2$ 1. or 2. and divide by:		'		Sic	Backpressure Curve Slope = "n" Assigned Standard Slope		n x L	og		Anti	og	Del Equal:	Open Flow Deliverability Equals R x Antilog (Mcfd)	
						<u> </u>			<u> </u>			1							
Open Flo	w			Mcfd @	14.6	5 psia			Delivera	bility				Mcfd	@ 1	4.65 psi	a		
		-		on behalf of t									e above repo ecember	ort ar	nd tha	at he ha		ledge of	
the facts s	tated t	herei	n, and that s	said report is t	rue	and correc	t. Execut	ed	this the _		da	y of	4001	<u> </u>	<u> </u>	PI	IN	20 <u></u>	
			Witness	(if any)			.,	-		_/		~	For	Compa	ny	<u> </u>	<u> </u>	RECEIVED	
			For Com	mission				_					Che	cked b	y	KAN	SAS-CO	RPORATION GOI	

		Signature:		6ls	ver					
Date: 12/16/10					4					
staff as necessar	y to corroborate this o	claim for exemption from	testing.		ı					
I further agree	e to supply to the bes	st of my ability any and a	I supporting docume	ents deem	ed by Commission					
✓	is not capable of pro	oducing at a daily rate in	excess of 250 mcf/E		Ŧ					
	is on vacuum at the	present time; KCC appro	oval Docket No		 					
	is a source of natura	tural gas for injection into an oil reservoir undergoing ER								
	is cycled on plunge	r lift due to water			1					
(Check	one) is a coalbed methar	ne producer								
	ounds that said well:				ı					
		otion from open flow testi	ig for the		<u>,</u>					
• •		pe of completion or upor	-		н пеген патеа.					
		d belief based upon avai								
_	•	nation and statements c	•							
exempt status und	ler Rule K.A.R. 82-3-3	304 on behalf of the opera	tor Rosewood Resc	ources, Inc	<u>c:</u>					
		under the laws of the st								

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.

RECEIVED

KANSAS CORPORATION COMMISSION

W2322 Nemechek 21-23H North Goodland Goodland None February-10

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
2/1/2010	. 1	1 24	20	0	cd
2/2/2010	1	4 27	7 4	22	
2/3/2010	3	7 50) 0	24	L.
2/4/2010	3	6 49	0	24	
2/5/2010	2	1 34	1 26	0	
2/6/2010	. 1	3 26	5 24	1.5	
2/7/2010	1	1 24	1 22	1	
2/8/2010	1	1 24	1 21	0	
2/9/2010	1	6 29	16	18	
2/10/2010	2	22 35	5 3	24	
2/11/2010	3	55 48	3 0	24	nb
2/12/2010	2	25 38	3 7	15	
2/13/2010	4	10 53	3 1	24	
2/14/2010	3	31 44	12	12	
2/15/2010	2	26 39	8	18	
2/16/2010	2	24 37	7 11	8	
2/17/2010	2	22 35	5 21	8	
2/18/2010	1	.8 3:	1 20	8	
2/19/2010	1	.7 30) 19	6	
2/20/2010	1	.5 28	3 20	5	
2/21/2010	1	.2 25	5 21	0	
2/22/2010	1	.0 23	3 20	0	
2/23/2010		9 . 22	2 19	1	
2/24/2010		9 22	2 19	0	1
2/25/2010	1	0 23	3 19	1.5	
2/26/2010	1	13 20	5 16	5.5	
2/27/2010	1	10 23	3 20	1	
2/28/2010		9 22	2 19	0	
3/1/2010		0	0 0	0	ı
3/2/2010		0	0 0	0	
3/3/2010		0	0 0	0	

Total 408

RECEIVED KANSAS CORPORATION COMMISSION

W2322 Nemechek 21-33H North Goodland Goodland None March-10

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters
3/1/2010	9	9 22	. 19	0	
3/2/2010	:	3 21	. 19	0	
3/3/2010	:	3 21	. 19	0	
3/4/2010	9	9 22	2 17	0	
3/5/2010	1	1 24	14	0	9
3/6/2010	;	3 21	. 20	0	
3/7/2010	,	7 20) 19	0	
3/8/2010		7 20) 19	0	
3/9/2010	(5 19	19	0	
3/10/2010	•	7 20) 19	0	
3/11/2010	•	7 20	18	0	bp
3/12/2010	,	7 20	18	0	
3/13/2010		7 20	18	0	
3/14/2010	;	3 21	17	0	
3/15/2010	•	7 20	18	0	
3/16/2010	•	7 20	18	0	
3/17/2010	(5 19	18	0	á
3/18/2010	(5 19	18	0	
3/19/2010	(5 19	18	0	
3/20/2010	(5 19	18	0	
3/21/2010	(5 19	17	0	
3/22/2010	(5 19	17	0	
3/23/2010	(5 19	17	0	
3/24/2010	(5 19	17	0	
3/25/2010	(5 19	17	0	
3/26/2010	(5 19	17	0	•
3/27/2010	(5 19	17	0	
3/28/2010	(5 19	17	0	
3/29/2010	(5 19	17	0	4
3/30/2010	(5 19	17	0	
3/31/2010		7 20) 16	0	

Total 549

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JAN 26 2011