

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test		RSI		(See Instruc	tions on Re	verse Side	9)			
	en Flow liverabilty	Page 1		Test Date: API No. 4/13/2011 181-204						- CC C	
Company				4/13/20	11	Lease Knudso	nn		1-20413-00	24-7	Well Number
County	ou iveso	Locat	 ion	Section		TWP		RNG (E		24-7	Acres Attributed
Sherman SESW			7		9S		39W			80	
ield loodlan	d				Reservoir Niobrara				thering Conn Systems In		
ompletic /28/200	on Date 16			Plug Bac 1136'	k Total Dep	th		Packer	Set at		
Casing Size		-	Weight 10.5#		Internal Diameter 2.441		Set at 1136'		orations !	то 952'	
ubing Si ONE	ze	Weigi	nt	Internal C	Internal Diameter		it at Perforations		То		
	npletion (I Conver	Describe) ntional)		Type Flui Dry Ga	d Production	n		Pump U Flowin	nit or Traveling	Plunger? Yes	/ (NO)"
	,	nnulus / Tubin	g)	% C	arbon Dioxi	ide		% Nitro	gen		ravity - G _a
nnulus										.6	
ertical D 140'	epth(H)				Pres Flan	sure Taps ge				(Meter 2"	Run) (Prover) Size
ressure	Bulldup:			11 at 1			Taken 4			11 at 10:30	
/ell on L	ine:	Started 4-1	<u>3</u> 2	0 <u>11</u> at <u>1</u>	0:30	(PM)	Taken 4	-14	20	11 _{at} 11:20	(AM)(PM)
					OBSERVE	D SURFAC	E DATA	,		Duration of Shu	t-in 24 Hour
Static / Oritica ynamic Size		Circle one: Mater Prover Press	Pressure Differential ure in	Flowing Temperature t	Well Head Temperature	Casing Wellhead Pressure (P ₊) or (P ₁) or (P ₅)		Tubing Wellhead Pressure (P,) or (P,) or (P,)		Duration (Hours)	Liquid Produced (Barrels)
roperty	(inches)	psig (Pm)	Inches H ₂ 0	'		psig	psia	gisq	psia		
but-In						12	26.4				
Flow						1	15.4]		24	0
			-		FLOW STF	REAM ATTE	RIBUTES		, <u>.</u>		
Plate Coeffiect (F _b) (F Mcfd	ient ,) P	Circle one: Meter or Prover Pressure psia	Press Extension P _m xh	Grav Fac F	tor	Flowing Temperature Factor F ₁ ,	Fa	viation actor F _{pv}	Metered Flow R (McId)	y GOR (Cubic F Barrel	eet/ Fluid
									6		
				(OPEN FL	OW) (DELIV		•)2 = 0.207
) ² =	:	(P _w) ² =	Choose formula 1 or 2	P _a =						(P _a) ² =
(P _e) ² - (F	- 1	(P _c)²-(P _w)²	1. P _c ² -P _d ² 2. P _c ² -P _d divided by: P _c ² -P _d	LOG of formuta 1. or 2. and divide	P.2. P.2	Slo	essure Curve ope = "n" - or ssigned dard Slope	l n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (McId)
pen Flo		ed authority, o	Mcfd @ 14		states that h	Deliveral	•	to make t	he above repo	Mofd @ 14.65 per	as knowledge of
			aid report is tru			_		day of _			20 12
		Witness	(if any))(is	ill for	Sompany Ol	(RECEIVE
		For Comr	mission					-	Che	cked by	JUN 1 1 2 CC WICH
										ı	 در ۱۸۷۱ م
										•	ANCH!

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 Knudson 24-7 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.
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.

RECEIVED

JUN 1 1 2012

KCC WICHITA

W2518 Knudson 24-07 South Goodland Goodland None April-11

	Casing			HRS		REMARKS		
DATE	PSI	STATIC	MCF	DOWN		(Maximum length 110 characters)		
4/1/2011		1 14		7	0			
4/2/2011		1 14	ļ	7	0			
4/3/2011		1 14	ļ	7	0			
4/4/2011		1 14	ļ	7	0			
4/5/2011	1	0 13	1	6	0			
4/6/2011		1 14	ļ	7	0			
4/7/2011		1 14	ļ	7	0			
4/8/2011		1 14	ļ	7	0			
4/9/2011		1 14	ļ	7	0			
4/10/2011		1 14		7	0			
4/11/2011	1	0 13		7	0			
4/12/2011		0 13		7	0	shut in for test		
4/13/2011	1:	2 14	ļ	0	24	bp, opened up		
4/14/2011	1	0 13	1	11	0			
4/15/2011	1	0 13	i	7	0			
4/16/2011		1 14		7	0			
4/17/2011		1 14	ļ.	7	0			
4/18/2011		1 14	ļ	7	0			
4/19/2011		1 14	ļ	7	0			
4/20/2011		0 13	;	7	0			
4/21/2011	,	0 13	}	6	0			
4/22/2011		1 14	ļ.	6	0			
4/23/2011		i 14	ļ	6	0			
4/24/2011		1 14		6	0			
4/25/2011		1 14	ļ	6	0			
4/26/2011		1 14		6	0			
4/27/2011		1 14		6	0			
4/28/2011		i 14	ļ	6	0			
4/29/2011		1 14	,	6	0			
4/30/2011		1 14	ļ	6	0			
5/1/2011								

Total 196

W2518 Knudson 24-07 South Goodland Goodland None May-11

	Casing		HR	S	REMARKS
DATE	PSI	STATIC MCF	DC)WN	(Maximum length 110 characters)
5/1/2011	1	14	7	0	
5/2/2011	1	14	6	0	
5/3/2011	1	14	6	0	
5/4/2011	1	14	7	0	
5/5/2011	0	13	7	0	
5/6/2011	0	13	6	0	
5/7/2011	1	14	6	0	
5/8/2011	1	14	6	0	
5/9/2011	1	14	6	0	
5/10/2011	1	14	6	0	
5/11/2011	1	14	6	0	
5/12/2011	1	14	7	0	
5/13/2011	1	14	7	0	
5/14/2011	0	13	6	0	
5/15/2011	0	13	6	0	
5/16/2011	0	13	6	0	
5/17/2011	1	14	6	0	
5/18/2011	1	14	6	0	
5/19/2011	1	14	6	0	
5/20/2011	1	14	6	0	
5/21/2011	1	14	6	0	
5/22/2011	1	14	6	0	
5/23/2011	1	14	6	0	
5/24/2011	1	14	6	0	
5/25/2011	1	14	6	0	
5/26/2011	0	13	6	0	
5/27/2011	1	14	6	0	
5/28/2011	1	14	6	0	
5/29/2011	1	14	6	0	
5/30/2011	1	14	6	0	
5/31/2011	1	14	6	0	

Total 191

W2518 Knudson 24-07 South Goodland Goodland None June-11

	Casing	HR	s	REMARKS		
DATE	PSI	STATIC MCF	DC	WN	(Maximum length 110 characters)	
6/1/2011		14	6	0		
6/2/2011	1	l 14	6	0		
6/3/2011	1	l 14	6	0		
6/4/2011	1	l 14	6	0		
6/5/2011	1	l 14	6	0		
6/6/2011	1	l 14	6	0		
6/7/2011	1	l 14	6	0		
6/8/2011	1	l 14	6	0		
6/9/2011	1	l 14	7	0		
6/10/2011	1	l 14	6	0		
6/11/2011	1	l 14	6	0		
6/12/2011	1	l 14	6	0		
6/13/2011	1	l 14	6	0		
6/14/2011	1	l 14	6	0		
6/15/2011	1	l 14	6	0		
6/16/2011	1	l 14	6	0		
6/17/2011	1	l 14	6	0		
6/18/2011	1	l 14	6	0		
6/19/2011	1	l 14	6	0		
6/20/2011	1	l 14	6	0		
6/21/2011	1	l 14	6	0		
6/22/2011	1	14	6	0		
6/23/2011	1	14	6	0		
6/24/2011	1	14	6	0		
6/25/2011	1	14	6	0		
6/26/2011	1		6	0		
6/27/2011	i		6	0		
6/28/2011	1	14	6	0		
6/29/2011	1	14	6	0		
6/30/2011	2		6	5		
7/1/2011	(0	0		

Total 181