KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:		ASI			(See Instruct	tions on Rev	erse Side)			
	en Flow iverabilty	•			Test Date 10/12/10				API 181	No. 15 -20413-00 -	00	
Company		ources	-	· -	_		Lease Knudson	- · -		-	-	Well Number
County Location Sherman SESW				Section 7			TWP 9S	TWP RNG (E		<u></u>		Acres Attributed
Field Goodland			* .	Reservoir Niobrara				Gas Gathering Co Branch Systems				•
Completion Date 5/28/2006					Plug Bac 1136'	th	Packer Set at		-	-		
Casing Size Weight 4 1/2" 10.5#				Internal Diameter 2.441				Set at 1136'		rations	то 952'	S
Tubing Siz	Tubing Size Weight				Internal (Set at	Set at Po		erforations To			
Type Com Single (Type Flui Dry Ga	id Production 3S	n		Pump Ur Flowin	nit or Traveling	Plunger? Yes	7(10)
Producing Annulus		Annulus / Tubi	ing)		% C	Carbon Dioxi	de		% Nitrog	en	Gas Gr .6	avity - G
Vertical D 1140'	epth(H)				Pressure Taps Flange						(Meter 2"	Run) (Prover) Size
Pressure	Buildup:				····						10 at 10:30	(AM) (PM)
Well on Li	ne:	Started 1()-12	20	10 _{at} 1	0:30	(PM)	Taken 10)-13	20	10 _{at} 11:20	(AM)(PM)
		Circle one		Pressure		OBSERVE	D SURFACE		· · · ·	E.blan	Duration of Shut-	in 24 Hours
Static / Dynamic Property	Static / Orifice Meter Size Prover Pressure		Sure	in nches H ₂ 0	Flowing Well Head Temperature t t		Casing Wellhead Pressure (P ₊) or (P ₁) or (P _c) psig psia		Tubing Weilhead Pressuro $(P_w) \text{ or } (P_1) \text{ or } (P_c)$ psig psia		Duration (Hours)	Liquid Produced (Barrels)
Shut-In							2	16.4				
Flow							1	15.4	<u> </u>		24	0
			 -			FLOW STR	REAM ATTRI	BUTES				
Plate Coeffictions (F _b) (F _p) Mctd		Curde one: Meter or Prover Pressure psia		Press Extension P _m x h	on Factor T		Flowing Deviatement Factor F _{pv}		ctor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Gravitu
					<u> </u>					7		
(P _c) ² =		: (P_)²	' =	:	(OPEN FL	• •	ERABILITY) % (P.	CALCUL - 14.4) +		:	(P_) (P _a)	2 = 0.207 2 =
(P _e) ² - (F	-	(P _e)²- (P _w)²	1. 2.	P _c ² - P _d ² P _c ² - P _d ² p _c - P _d ²	LOG of formula 1. or 2. and divide by:		Slope	sure Curve e = "n" origned ird Slope	את	roc [Antilog	Open Flow Deliverability Equals R x Antilog (McId)
				· · · · · · · · · · · · · · · · · · ·								
		-										
Open Flov	<u> </u>		M	lcfd @ 14.6	65 psia		Deliverabi	lity			Mcfd @ 14.65 ps	ia
	_	ned authority, rein, and that					-		_	ecember	rt and that he ha	as knowledge of
					. ,,,,,,		_)a	nnu	U ()	erver
	•		s (if any)						/		Company KA	RECEIVE NSAS CORPORATION
		For Co	mmission	'			_			Chec	cked by	IAN o a

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exempt status und and that the foreg correct to the bes of equipment insta I hereby requ	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 to f my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the Knudson 24-7 ounds that said well:
_	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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: <u>12/13/10</u>	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.

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W2518 Knudson 24-07 South Goodland Goodland None October-10

	Casing			HRS	REMARKS
DATE	PSI	STATIC MC	F	DOWN	(Maximum length 110 characters)
10/1/2010	1	14	7	0	
10/2/2010	2	15	7	0	
10/3/2010	2	15	7	0	
10/4/2010	2	15	7	0	
10/5/2010	2	15	7	0	
10/6/2010	2	15	7	0	
10/7/2010	2	15	7	0	
10/8/2010	1	14	7	0	
10/9/2010	2	15	6	0	
10/10/2010	2	15	7	0	
10/11/2010	2	15	7	0	shut in for test
10/12/2010	2	15	0	24	opened up
10/13/2010	0	13	11	0	
10/14/2010	1	14	8	0	
10/15/2010	2	15	6	0	cal
10/16/2010	2	15	5	0	
10/17/2010	2	15	7	0	
10/18/2010	2	15	7	0	
10/19/2010	2	15	7	0	
10/20/2010	2	15	7	0	
10/21/2010	2	15	7	0	
10/22/2010	2	15	7	0	
10/23/2010	2	15	7	0	
10/24/2010	2	15	7	0	
10/25/2010	2	15	7	0	
10/26/2010	2	15	7	2	nb
10/27/2010	1	14	7	0	
10/28/2010	2	15	6	0	
10/29/2010	2	15	7	0	
10/30/2010	2	15	7	0	
10/31/2010	2	15	7	0	

Total 210

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W2518 Knudson 24-07 South Goodland Goodland None November-10

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

Total 204

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