CURSELIVATION DIVISION WICHITA, KS

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test		WST			(See Instruc	tions on Re	verse Side)					
= '	en Flow liverabilt	Test Date:							AP 18	-00				
Company		ources, In	C.				Lease Due!l			<u></u>	14-2	Well Nu 1	mber	
County Location Sherman SWSW			Section 21		TWP 7S			/W)		Acres Attribut				
Field Goodland				Reservoir			39W Gas Gathering Connection Branch Systems Inc.							
				Plug Bac	Plug Back Total Depth				Packer Set at					
Casing Size Weight 4 3/4" 10.5#			Internal Diameter 4.000				Set at 1186'		orations O'	To 1040	то 1040'			
Tubing Size Weight NONE				Internal [Diameter	Set at		Perforations		То				
Type Con Single ((Describe) ntional)			Type Flui Dry Ga	d Production	n		Pump U flowin	nit or Traveling	Plunger? Yes	No		
	Thru (#	Annulus / T	ubing)	-	. <u> </u>	% Carbon Dioxide			% Nitrog	Gas G	Gas Gravity - G _s			
Vertical D	epth(H)					Pressure Taps Flange				· · · · · · · · · · · · · · · · · · ·	Run) (Pi	rover) Size		
Pressure	- Buildup:	Shut In .	2-3	2	0_10_at_1		(PM)	Taken 2-	4	20	2" 10 _{at} 11:15	(AM) (PM)	
Well on L	Well on Line: Started 2-4			2	10 at 11:15 (AM) (PM) Taken 2							•	AM)(PM)	
						OBSERVE	D SURFAC	E DATA			Duration of Shut	72	Hours	
Static / Dynamic Property	ynamic Size Prover Pres		er ressure	Pressure Differentiat In Inches H ₂ 0	tial Flowing Well H Temperature Tempera				Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			· · · · ·				24	38.4	psig	psia		-		
Flow							30	44.4			72			
						FLOW STR	EAM ATTR	IBUTES					····-	
Plate Coeffiecient (F _b) (F _p) Mcfd		Gircle one: Meter or Prover Pressure psia		Press Extension	on Factor		Flowing Femperature Factor F ₁₁	nperature Factor		Metered Flov R (McId)	y GOR (Cubic F Baπel	oot/	Flowing Fluid Gravity G _m	
								_		44				
(P _c)² =		: (P	")s =	:	(OPEN FLO	OW) (DELIV) CALCUL 2 - 14.4) +		:		$)^2 = 0.2$ $)^2 = \underline{}$	07	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_a)^2$		(P _e) ² - (P _w) ²		1, P ² -P ² LOG of formula 2, P ² -P ² 1, or 2.		P _c ² · P _w ²	Backpressure Curve		l n v	roe	Antilog	Deli Equals	Open Flow Deliverability Equals R x Antilog (Mcfd)	
ļ			_											
Open Flor			1	Mcfd @ 14.	65 psia		Deliverab	pility			Mcfd @ 14.65 ps	sla		
The u	undersigr	ned authori	ty, on I	•	· · · · · · · · · · · · · · · · · · ·	states that h			o make ti		rt and that he h		ledge of	
				report is true				_		ecember			20 10 .	
		Witu	ness (il ai	ny)			-	_(_	-) O	AUL	Company K	<u> </u>	RECEIVED	
		For	Commiss	ion	-		-	- 184 8. 14. 14.	•·· — ··	Chec	cked by		AN 26 201	

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
and that the foreç	oing pressure information and statements contained on this application form are true and
correct to the bes	of 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.
I hereby requ	est a one-year exemption from open flow testing for the
gas well on the gr	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 eto supply to the best of my ability any and all supporting documents deemed by Commission of to corroborate this claim for exemption from testing.
	Signature: Oun Mull Gentle: Production Assistant

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

RECEIVED

JAN 26 2011

W2186 Duell 14-21 North Goodland Goodland None February-10

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
2/1/2010	2	4 37	30	0	cd
2/2/2010	2	4 37	7	22	
2/3/2010	3	1 44	0	24	
2/4/2010	3	2 45	0	24	
2/5/2010	3	0 43	46	0	
2/6/2010	2	7 40	34	1.5	
2/7/2010	2	6 39	33	1	
2/8/2010	2	6 39	33	0	
2/9/2010	2	6 39	25	18	opened up
2/10/2010	2	7 40	5	24	
2/11/2010	3	2 45	0	24	
2/12/2010	2	8 41	16	15	
2/13/2010	3	3 46	0	24	
2/14/2010	3	0 43	22	12	
2/15/2010	2	7 40	18	18	
2/16/2010	2	7 40	27	8	
2/17/2010	2	5 38	44	8	
2/18/2010	2	5 38	42	8	
2/19/2010	2	5 38	38	6	
2/20/2010	2	3 36	44	5	
2/21/2010	2	2 35	49	0	
2/22/2010	2	1 34	48	0	
2/23/2010	2	0 33	46	1	
2/24/2010	1	9 32	44	0	
2/25/2010	1	9 32	42	1.5	
2/26/2010	2	0 33	34	5.5	
2/27/2010	1	9 32	44	1	
2/28/2010	1	9 32	44	0	
3/1/2010	1	0 0	0	0	
3/2/2010	1	0 0	0	0	
3/3/2010	ı	0 0	0	0	

Total 815

RECEIVED KANSAS CORPORATION COMMISSION

JAN 26 2011

W2186
Duell 14-21
North Goodland
Goodland
None
March-10

	Casing			HRS		REMARKS
DATE	PSI	STATIC	MCF	DOWN		(Maximum length 110 characters
3/1/2010	1	8 3	i	44	0 t	op
3/2/2010	1.	8 3	l	44	0	
3/3/2010	1.	8 3	l	43	0	
3/4/2010	1	7 30)	40	0	
3/5/2010	1:	9 32	2	28	0	
3/6/2010	1	8 3	l	45	0	
3/7/2010	1	7 30)	44	0	
3/8/2010	1	7 30)	44	0	
3/9/2010	10	6 29	•	43	0	
3/10/2010	1	6 29	•	43	0	
3/11/2010	1	6 29)	42	0 ł	р
3/12/2010	1	6 29	•	42	0	
3/13/2010	1	6 29	•	42	0	
3/14/2010	1	6 29)	38	0	
3/15/2010	1	6 29	•	42	0 0	cal
3/16/2010	1.	5 28	3	36	0	
3/17/2010	1	5 2	3	42	0	
3/18/2010	1	5 28	3	42	0 ł	р
3/19/2010	1.	5 28	3	41	0	
3/20/2010	1:	5 28	3	41	0	
3/21/2010	1	5 28	3	41	0	
3/22/2010	1.	5 28	3	41	0	
3/23/2010	1.	5 2	3	41	0	
3/24/2010	1	5 21	3	41	0 0	opened to 52mcf
3/25/2010	1	4 2	7	47	0	
3/26/2010	1.	3 20	5	47	0	
3/27/2010	1	3 20	5	46	0	
3/28/2010	1.	2 2:	5	45	0	
3/29/2010	1.	2 2:	5	45	0	
3/30/2010	1	2 2:	5	44	0	
3/31/2010	1	3 20	5	41	0	

Total 1305

RECEIVED KANSAS CORPORATION COMMISSION

JAN 26 2011