KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:	KT		(See Instruc	tions on Re	verse Side	9)				
	en Flow liverabil	, ESI		Test Date 10/24/20					No. 15 -20568-0 0 6	00		
Company		sources, Inc.				Lease Leonard	j	<u> </u>		33-29	Well Num	ıber
			Section 29	-			RNG (E/W) 39W			Acres Attributed 80		
					Reservoir Niobrara				hering Conn Systems In			
Completic 8/23/201		1		Plug Bac 1308'	Plug Back Total Depth 1308'			Packer Set at				
Casing Si 4 1/2"	ize	Weig 10.5		Internal D 4.000	Diameter	Set a 134		Perforations 1044'				
Tubing Size Weight I				Internal I	Diameter	Set a	at	Perforations				
				Type Flui Dry Ga	d Productions	on .		Pump Ur Flowin	Plunger? Yes	r? Yes No		
Producing Thru (Annulus / Tubing) Annulus			% C	arbon Diox	ide	. , -	% Nitrogen		Gas Gr .6	Gas Gravity - G _g		
Vertical D		1	·	_	Pressure Taps Flange					(Meter	Run) (Pro	ver) Size
Pressure	Buildup	: Shut in 10)-23	0 13 at 8	13 at 8:15 (AM) PM) Taken 10			0-24	20	13 _{at} 8:30		M)(PM)
Well on L	ine:	Started 10	-24 2			. (AM)(PM))(PM) Taken 10-25		20	13 _{at} 9:00	@	(PM)
		<u>-</u>			OBSERVI	ED SURFAC	E DATA			Duration of Shut-	_{in 24}	Hours
Static / Dynamic Property	Orific Size (inche	Meter Prover Press	Differential in	Differential Flowing Temperature 1		Well Head Temperature (P _w) or (P ₁) or (P ₀)		Tubing Wellhead Pressure (P_w) or (P_1) or (P_c) psig psia		Duration (Hours)		
Shut-In			,		 -	29	psla 43.4	psig	psia			
Flow						26	40.4			24	0	
					FLOW ST	REAM ATTR	IBUTES					
Plate Coeffiecient (F _b) (F _p) Mofd		Circle one: Meter or Prover Pressure psia	Press Extension	Grav Fact	tor	Temperature Fact		viation Metered Flor actor R F _{pv} (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m
									55			
(P _c) ² =			= :	(OPEN FLO		/ERABILITY) CALCUL		:	(P _a) (P _d)	² = 0.20	7
(P _c) ² - (P _a) ² or (P _c) ² - (P _d) ²		(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _s ² LOG of formula 2. P _s ² - P _s ² 1. or 2.		P.2- P.2	Backpressure Curve Slope = "n" or Assigned Standard Slope			LOG	Antilog	Ope Delivi Equals I	n Flow erability R x Antilog lefd)
						<u> </u>		_		_		
Open Flor	<u> </u>		 Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.65 ps	ia	
The u	undersig	ned authority,	on behalf of the	Company, s	states that	he is duly a	ıthorized t	o make th	ne above repo	ort and that he ha	as knowle	dge of
the facts si	tated the	erein, and that	said report is true	and correc	t. Exec्ष्ट्राह्य AS CORPO	ten连 t he <u>6</u> Ration com!	NISSION	day of _D	ecember	10. 1	, 20	13
_		Witness	(if any)			2 6 2013		JCV.	INLU For	Oompany Company	un	
 _		For Con	nmission		CONSER	vation div s Chita Ke			Che	cked by		

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request ler Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc.
and that the foregone correct to the best of equipment insta	going pressure information and statements contained on this application form are true and 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. Leonard 33-29 counds 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.
Date: <u>12/6/13</u>	RECEIVED KANSAS CORPORATION COMM DEC 2 6 2013 CONSERVATION DIVISION WICHITAL AS
	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.

W2726 Leonard 33-29 North Goodland Goodland None October-13

FloBos	ς

FloBoss					
	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
10/1/2013	20	6 39	5:	5 0	
10/2/2013	20	5 39	5;	5 0	
10/3/2013	20	5 39	5:	5 0	
10/4/2013	20	5 39	5:	5 0	
10/5/2013	20	5 39	5:	5 0	
10/6/2013	20	5 39	5:	5 0	
10/7/2013	20	5 39	5:	5 0	
10/8/2013	20	5 39	5:	5 0	
10/9/2013	20	5 39	5:	5 0	
10/10/2013	20	5 39	5;	5 0	bp
10/11/2013	20	5 39	5;	5 0	
10/12/2013	20	3 9	5:	5 0	
10/13/2013	20	5 39	5:	5 0	
10/14/2013	20	5 39	5:	5 0	
10/15/2013	20	5 39	53	3	
10/16/2013	20	5 39	41	5 7	
10/17/2013	20	5 39	50	5 0	
10/18/2013	20	5 39	56	5 0	
10/19/2013	20	5 39	50	5 0	
10/20/2013	20	5 39	50	5 0	
10/21/2013	20	39	50	5 0	
10/22/2013	20	5 39	50	5 0	
10/23/2013	2:	5 38	5:	5 0	shut in, bp
10/24/2013	29	9 42	. () 24	opened up
10/25/2013	2'	7 40	4:	5 0	
10/26/2013	20	5 39	5:	5 0	
10/27/2013	20	5 39	5:	5 0	
10/28/2013	20	5 39	5:	5 2	
10/29/2013	20	5 39	5:	5 0	
10/30/2013	20	5 39	5:	5 0	
10/31/2013	2	39		5 1.5	

Total 1635

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W2726 Leonard 33-29 North Goodland Goodland None

November-13

FloBoss

FloBoss					
	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
11/1/2013	26	39	55	0	
11/2/2013	26	39	55	0	
11/3/2013	26	39	55	0	
11/4/2013	26	39	55	0	
11/5/2013	26	39	55	0	
11/6/2013	26	39	55	0	
11/7/2013	26	39	55	0	
11/8/2013	26	39	55	0	
11/9/2013	26	39	55	0	
11/10/2013	26	39	55	0	
11/11/2013	26	39	55	0	
11/12/2013	26	39	55	0	
11/13/2013	26	39	55	0	
11/14/2013	26	39	55	0	
11/15/2013	26	39	55	0	
11/16/2013	26	39	55	0	
11/17/2013	26	39	55	0	
11/18/2013	26	39	50	0	
11/19/2013	25	38	55	0	
11/20/2013	25	38	55	0	bp
11/21/2013	25	38	55	0	
11/22/2013	25	38	54	0	
11/23/2013	25	38	50	0	
11/24/2013	25	38	44	0	
11/25/2013	27	40	42	. 0	
11/26/2013	26	39	52	0	
11/27/2013	26	39	52	. 0	
11/28/2013	26	39	52	. 0	
11/29/2013	26	39	53	0	
11/30/2013	26	39	53	0	
12/1/2013				0	

Total 1602

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