KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	en Flo		ØSI		Test Date		ctions on Re	everse Side	, API	No. 15			
	liverat	oilty			8/8/200	8			15-	181-20416-0		Mall Nive	
Company Rosewo		sou	rces				Lease G. Ihrig	1			13-20	Well Nun	nber
County Location Sherman NWSW			Section 20		TWP 7S	•		/W)	Acres Attributed 80				
Field Goodland			Reservoi				Gas Ga	thering Conne	ection				
Completic 3/22/200		te	amman manara surrumamamananan ayay yaraha.		Plug Bac 1177'	k Total Dep	oth		Packer S	Set at			
Casing Size 2 7/8"			Weigh 6.5#				nternal Diameter Set a 2.441 117				то 1098'		
Tubing Si	ize		Weigh	nt	Internal Diameter Set at			at	Perfo	orations	То		
Type Con Single (Type Flui Dry Ga	d Production	on		Pump U	nit or Traveling	Plunger? Yes	/(No)	
Producing		(An	nulus / Tubin	g)	% C	Carbon Diox	ide		% Nitrog	jen	Gas Gr .6	avity - G	9
Vertical D	epth(l	1)				Pres Flar	ssure Taps 1 ge				(Meter l	Run) (Pro	over) Size
Pressure	Buildu	ıp:	Shut in 8-8		08 at 8	:00	(AM)(PM)	Taken_8-	9	20	08 _{at} 9:10		AM) (PM)
Well on L	ine:	•	Started 8-9		08 at 9			Taken 8-			08 at 9:45		ÂM)(PM)
						OBSERVI	ED SURFAC	E DATA			Duration of Shut-	in	Hours
Static / Dynamic Property	Static / Orifice Me Dynamic Size Property (inches)		Circle one: Meter Prover Pressi psig (Pm)	Pressure Differential in Inches H ₂ 0	Temperature Temperature		Wellhead (P _w) or (I	(P_w) or (P_t) or (P_c) (I		Tubing ead Pressure r (P ₁) or (P _c)	Duration (Hours)	1 '	Produced arrels)
Shut-In	-		paig (r m)	inches H ₂ 0			gsig 35	49.4	psig	psia			
Flow							26	40.4			24	0	
				γ	ı	FLOW STI	REAM ATTE	RIBUTES				1	
Plate Coeffiec (F _b) (F Mcfd	ient ,)	Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P _m x h	Grav Fac F	tor	Flowing Temperature Factor F ₁₁	Fa	iation ctor	Metered Flow R (Mcfd)	(Cubic Fe Barrel)		Flowing Fluid Gravity G _m
					<u> </u>					16			
(P _c) ² =			(P _w) ² =		•		/ERABILITY % (/) CALCUL P _a - 14.4) +			(P _a) (P _d)	² = 0.20	7
(P _c) ² - (I	- 1	 (F	2 _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Backpre Slo	essure Curve ppe = "n" - or ssigned dard Slope		rog	Antilog	Ope Deliv Equals	en Flow rerability R x Antilog Mcfd)
									-				
Open Flor	w			Mcfd @ 14.	65 psia		Deliveral	oility			Mcfd @ 14.65 ps	ia	
		_	Ť	aid report is true	and correc	t. Executed	-	8		ovember Co	rt and that he ha		edge of
			For Comm			JAN	2 9 2003	}		Chec	ked by		

exempt statu and that the correct to the of equipment	under penalty of perjury under the laws of the state of Kansas that I am authorized to request s under Rule K.A.R. 82-3-304 on behalf of the operator Rosewood Resources, Inc. foregoing pressure information and statements contained on this application form are true and best of my knowledge and belief based upon available production summaries and lease records
and that the correct to the of equipment	foregoing pressure information and statements contained on this application form are true and
•	request a one-year exemption from open flow testing for the <u>G. Ihrig 13-20</u>
gas well on t	ne grounds that said well:
(0	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 nece	ssary to corroborate this claim for exemption from testing.
Date: 11/18/	08
	Signature: Jam Whoeld
	Title: Production Foreman
	Title: _Floduction Folenan

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.

JAN 29 2009

CONSERVATION DIVISION WICHITA, KS

W2055 G. Ihrig 13-20 North Goodland Goodland None August-08

	Casing			H	RS	REMARKS
DATE	PSI	STATIC	MCF	D	OWN	(Maximum length 110 characters)
8/1/2008	25	38	3	15	2	
8/2/2008	25	38	}	15	0	
8/3/2008	25	38	}	15	0	
8/4/2008	25	38	}	15	0	
8/5/2008	25	38	}	15	0	
8/6/2008	25	38		15	0	
8/7/2008	29	42		6	5.5	
8/8/2008	35	48	,	1	5	
8/9/2008	35	48	,	0	24	
8/10/2008	35	48		0	0	
8/11/2008	28	41		13	0	
8/12/2008	29	42		14	0	
8/13/2008	27	40)	16	0	
8/14/2008	27	40		15	0	
8/15/2008	27	40		16	0	
8/16/2008	27	40		16	0	
8/17/2008	27	40		15	0	
8/18/2008	28	41		11	0	
8/19/2008	27	40		15	0	
8/20/2008	26	39		16	0	
8/21/2008	27	40		11	7	
8/22/2008	27	40		15	0	
8/23/2008	26	39		16	0	
8/24/2008	26	39		16	0	
8/25/2008	24	37		16	0	
8/26/2008	24	37		16	0	
8/27/2008	24	37		17	0	
8/28/2008	24	37		17	0	
8/29/2008	24	37		17	0	
8/30/2008	24	37		17	0	
8/31/2008	24	37		17	0	

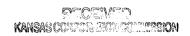
Total 419



W2055 G. Ihrig 13-20 North Goodland Goodland None September-08

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
9/1/2008	2	6 39	16	0	
9/2/2008	2	6 39	16	0	
9/3/2008	2	6 39	16	0	
9/4/2008	2	9 42	8	0	
9/5/2008	2	9 42	8	0	
9/6/2008	2	7 40	16	0	
9/7/2008	2	7 40	16	0	
9/8/2008	2	7 40	16	0	
9/9/2008	2	7 40	16	0	
9/10/2008	2	7 40	16	8	
9/11/2008	2	7 40	11	0	
9/12/2008	20	6 39	16	0	
9/13/2008	2	5 39	16	0	
9/14/2008	20	5 39	16	0	
9/15/2008	20	5 39	16	0	
9/16/2008	20	5 39	16	0	
9/17/2008	20	5 39	16	0	
9/18/2008	20	5 39	16	0	
9/19/2008	20	5 39	16	0	
9/20/2008	20	5 39	16	0	
9/21/2008	20	5 39	16	0	
9/22/2008	20	5 39	16	0	
9/23/2008	20	5 39	16	0	
9/24/2008	26	5 39	16	0	
9/25/2008	20	5 39	16	0	
9/26/2008	20	5 39	16	0	
9/27/2008	20	5 39	16	0	
9/28/2008	20	5 39	16	0	
9/29/2008	20	5 39	16	0	
9/30/2008	26	5 39	16	0	
10/1/2008				0	

Total 459



W2055 G. Ihrig 13-20 North Goodland Goodland None October-08

	Casing			HRS	REMARKS
DATE	PSI	STATIC	MCF	DOWN	(Maximum length 110 characters)
10/1/2008	25	38	16	0	
10/2/2008	25	38	16	0	
10/3/2008	25	38	16	0	
10/4/2008	25	38	16	0	
10/5/2008	32	. 44	6	16	
10/6/2008	25	38	9	5	
10/7/2008	25	38	16	0	
10/8/2008	25	38	16	0	
10/9/2008	26	39	16	0	
10/10/2008	25	38	16	0	
10/11/2008	25	38	16	0	
10/12/2008	25	38	16	0	
10/13/2008	25	38	16	9.5	
10/14/2008	25	38	10	3	
10/15/2008	25	38	16	0	
10/16/2008	25	38	16	0	
10/17/2008	26	39	16	0	
10/18/2008	26	39	16	0	
10/19/2008	26	39	16	0	
10/20/2008	26	39	16	0	
10/21/2008	26	39	16	0	
10/22/2008	26	39	16	0	
10/23/2008	26	39	16	0	
10/24/2008	25	38	16	0	
10/25/2008	25	38	16	0	
10/26/2008	25	38	16	0	
10/27/2008	25	38	16	0	
10/28/2008	25	38	16	0	
10/29/2008	25	38	16	0	
10/30/2008	25	38	16	0	
10/31/2008	25	38	16	0	

Total 473

