KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:					(See Instru	ictions on R	evers	e Side)					
✓ or	oen Flo	w				Tost Date	n•				A D	LNo 15				
Deliverabilty				Test Date: API No. 15 11/22/13 0							07-01081- <i>0000</i>					
Company		RP	ORATION	1				Lease RATH	IGE	RBEI	R		1	Well N	umber	
County Location BARBER NE SW SW				Section 32		TWP 34S	•			/W)	Acres Attributed N/A					
Field HARDTNER				Reservois MISS	Reservoir MISS				Gas Gathering Connection ONEOK							
Completion Date OCTOBER 1955				Plug Back Total Depth 4862				Packer :								
Casing Size Weight 5.5 14				Internal E		Set at 4875			rations 2	To 4853						
Tubing Size Weight 2 3/8 4.7				Internal C	Set	Set at 4860			orations	To						
Type Con						• •	d Producti		00		-	nit or Traveling	Plunger? Yes	/ No		
SINGLE			nulue / Tubir	10)		WTR	arbon Dlo	vide			PU % Nitrog		Gas G	ravity	<u>G</u>	
Producing Thru (Annulus / Tubing) ANNULUS					0.383					0.440	=		Gas Gravity - G _g 0.8573			
Vertical D		H)					Pre	essure Taps							Prover) Size	
Pressure	Buildu	ip:	Shut in 11	/21	/ 20	13 _{at} 1	1:00 AM	(AM) (PM)) Tak	en_11	/22/	20	13 _{at} 11:00	AM	(AM) (PM)	
Well on L	.ine:	•							=				at		, , , ,	
							OBSERV	ED SURFAC	CE D/	ATA			Duration of Shut	-in_24	Hours	
Static / Orifice Dynamic Size			Meler Prover Pressure		Pressure Differential In	Flowing Temperature	Well Head Temperatur	Wellhead	Casing Wellhead Pressure (P _w) or (P ₁) or (P _a) psig psia		Tubing Wellhead Pressure (P,) or (P,) or (P,)		Duration (Hours)	Liqu	Liquid Produced (Barrels)	
Property	Property (inch				Inches H ₂ 0	t	t				psig	psia	(110015)	(
Shut-In								25			0		24	<u> </u>		
Flow											:					
							FLOW ST	REAM ATT	RIBU	TES						
Plate Coeffiecient (F _p) (F _p) Mold		Circle one: Meter or Prover Pressure psia			Press Extension ✓ P _m x h	Fac	Gravity Factor F		Temperature Fo		viation Metered Flor actor R F _{pv} (Mcfd)		w GOR (Cubic Fo Barrel	eet/	Flowing Fluid Gravity G _m	
				<u> </u>		(OPEN FL	OW) (DELI	VERABILIT	Y) CA	LCUL	ATIONS	<u> </u>				
(P _c) ² =		_:	(P _w) ²		:	P₀=			•		14.4 = _	:	(P _a) ² = 0.:) ² =	207	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(1	(P _c) ² - (P _*) ³		1, P ₂ -P ₂ LOG of tormula 1 or 2; LOG of tormula 2, P ₂ -P ₂ and divided by: P ₂ -P ₂ by:		P.2. P.2	Sid	Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog Delivers		Open Flow diverability is R x Antilog (Mcfd)	
Open Flo	w				Mcfd @ 14.6	55 psia		Delivera	bility				Mcfd @ 14.65 ps	ia		
The	unders	signe	d authority,	on b	ehalf of the	Company, s	states that	he is duly a	author	iz e d to	make ti	ne above repo	ort and that he ha	as kno	wledge of	
the facts s	stated t	there	In, and that	said	report is true	and correc	t. Execute	ed this the $_{-}^{1}$	12th		day of $\frac{C}{II}$	N /			20 13	
			Witness	fil en						10	Lette	Bly	Company	<u>.CC</u>	WICHIT	
			For Com		· · · · · · · · · · · · · · · · · · ·									DEC	3 0 2013	
			. 51 00111									5110		RE	CEIVED	

	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 BEREN CORPORATION
and that the foreg	poing pressure information and statements contained on this application form are true and tof 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 RATHGERBER #1
	ounds 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
V	is not capable of producing at a daily rate in excess of 250 mcf/D
I further agre	e to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessar	y to corroborate this claim for exemption from testing.
Date: 12/12/13	
	Signature: BH BLy Title: PETROLEUM ENGINEER

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. **KCC WICHITA**

DEC 3 0 2013 RECEIVED