KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:			((See Instruct	tions on Rev	erse Side)				
✓ Op	en Flow			Test Date	9:			API	No. 15			
De	liverabilty			11/9/12				,		21044 -00	$-\infty$	_
Company BEREN		ORATION				Lease STERL	ING			3	Well Number	_
County Location BARBER NE SE SE			Section 32				RNG (E/ 12W	RNG (E/W) 12W		Acres Attributed		
Field HARDTNER			Reservoi MISS	Reservoir MISS			Gas Gathering Connection ONEOK		ction	NOV 2 9 2 4790 KCC WICH		
Completion Date MARCH 1981			Plug Bac 4832	Plug Back Total Depth 4832			Packer Set at			NOV 2 9		
Casing Size Weight 5.5 14			Internal I 5.012	Diameter	Set at 4866		Perforations 4768		то 4790	KCC N	- /ICHr	
Tubing Size Weight 2 3/8		Internal Diameter 1.995		Set at 4820		Perforations		То				
Type Con SINGLE	npletion (E	Describe)	•		id Production			Pump Ur PU	it or Traveling	Plunger? Yes	/ No	_
Producing Thru (Annulus / Tubing) ANNULUS			% Carbon Dioxide				% Nitrogen 0.96			Gas Gravity - G _g 0.6666		
Vertical D					Pres PIPE	sure Taps					Run) (Prover) Size	_
Pressure	Buildup:	Shut in 11/2	8/ 2	0 12 at 1			Taken 11	/9/	20 _	12 _{at} 11:00	AM_ (AM) (PM)	
Well on L	•										(AM) (PM)	
					OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24 Hour	- ·s
Static / Dynamic Property	Orifice Size (inches)	Size Prover Pressure in		Flowing Temperature t	Temperature Temperature		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		ubing ad Pressure (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In		psig (Fill)	mones ri ₂ 0			psig 70	psia	psig psia 75		24		1
Flow										·····]
					FLOW STR	EAM ATTRI	BUTES					_
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or rover Pressure psia	Press Extension ✓ P _m x h	Gra Fac F	tor	Flowing Femperature Factor F _{ft}	Fa	iation ctor pv	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Gravity	
												_}
(P _c) ² =	:	(P _w) ² =	:	(OPEN FL		'ERABILITY) % (P	CALCUL - 14.4) +		<u> </u>	(P _a) (P _d)	² = 0.207 ² =	
(P _c) ² - ((P _c) ² - (P _w) ² Choose formula 1 1. P _c ² - P _a ² 2. P _c ² - P _a ² divided by: P _c ² -		LOG of formula 1. or 2. and divide p2.p2		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
											<u> </u>]
Open Flo			Mcfd @ 14.			Deliverabi				/lcfd @ 14.65 ps		-
	-	=	n behalf of the aid report is true						OVEMBER	t and that he ha	as knowledge of, 20 12	
		Witness (i	if anv)					gret	19Cp	этрапу	* M. B. (* 1841)	_
		•••				_			Check			_
		For Comm	11551071						Crieck			

NOV 2 9 2012

KCC WICHITA

	VCC ANOLINA
	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 BEREN CORPORATION
and that the foreg correct to the best of equipment insta I hereby reque	oing 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 lation 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 STERLING #3 punds 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: 11/26/12	
	Signature: Breth Blegn 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.