KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			(See Instruct	tions on Rev	erse Side)					
Open Flow			Test Date	Test Date: API No. 15									
Deliverabilty				11/26/14				007-21044 - 0000					
Company BEREN CORPORATION				Lease STERLING			-	3	Well Number				
County Location BARBER NE SE SE			Section 32			RNG (E/W) 12W		Acres Attributed		ttributed			
Field HARDTNER			Reservoi MISS	r		Gas Gathering Cor ONEOK			ection KC(CCIA		
Completion Date MARCH 1981			Plug Bac 4832	Plug Back Total Depth 4832			Packer S	Set at		De	50 10		
Casing Size Weight 5.5 14			Internal Diameter 5.012		Set at 4866		Perforations 4768		то 4790				
Tubing Size Weigh 2 3/8		nt	Internal Dia 1.995		eter Set at 4820		Perforations		То	To E/V			
Type Cor SINGLE		(Describe)	-		d Production			Pump Ur PU	nit or Traveling	Plunger? Yes	/ No		
Producing Thru (Annulus / Tubing) ANNULUS				% (0.14	% Carbon Dioxide			% Nitrog	en		Gas Gravity - G _g		
Vertical E	Depth(H)				Pres PIPE	sure Taps				(Meter	Run) (Pr	over) Size	
Pressure	Buildup	Shut in11	/252	14 at 1	1:00 AM	(AM) (PM)	Taken_11	1/26	20	14 at 11:00	AM (AM) (PM)	
Well on L	_ine:	Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
	1			1	OBSERVE	D SURFACE				Duration of Shut	-in_24	Hours	
Static / Dynamic Property	Orifice Size (inches	Meter Prover Press	Prover Pressure in		Flowing Temperature t Well Head Temperature t		Casing Wellhead Pressure (P_w) or (P_1) or (P_c) psig psia		Tubing ad Pressure r (P ₁) or (P _c) psia	Duration (Hours)	Liquio	l Produced Barrels)	
Shut-In			2			75	рыа	185	рыа	24			
Flow													
	-		T		FLOW STR	EAM ATTRI	BUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia	Press Extension	Gravity Factor F		Flowing femperature Factor F ₁₁	perature Factor		Metered Flov R (Mcfd)	GOR (Cubic For Barrel	eet/	Flowing Fluid Gravity G _m	
(P _c) ² =		: (P _w) ² :	=:	•	, ,	rerability) % (P	CALCUL , - 14.4) +		:	•	$)^2 = 0.20$ $)^2 =$	D7	
(P _c) ² - (or (P _c) ² - ((P _c) ² - (P _w) ²	Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_c^2$ divided by: $P_c^2 - P_w$	1. P ² - P ² LOG of formula 2. P ² - P ² 1. or 2. and divide		Slope Assi	Backpressure Curve Slope = "n" Assigned Standard Slope		LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flo	<u>L</u>	Mcfd @ 14.65 psia				Deliverability				Mcfd @ 14.65 psia			
The	undersig	ned authority, o	on behalf of the	Company,	states that h	e is duly aut	thorized to	o make th	ne above repo	rt and that he h	as know!	edge of	
the facts s	stated the	erein, and that s	aid report is tru	e and correc	t. Executed	this the 8th	Bi	day of D	ecember		, 2	.0 14	
		Witness	(if any)				6	7, ,	For C	Company			
		For Com	mission						Chec	ked by			

I declare under penalty of perjury under the laws of the exempt status under Rule K.A.R. 82-3-304 on behalf of the open and that the foregoing pressure information and statement correct to the best of my knowledge and belief based upon a posterior of equipment installation and/or upon type of completion or use I hereby request a one-year exemption from open flow the gas well on the grounds that said well:	Beren Corporation ts contained on this application form are true and available production summaries and lease records upon use being made of the gas well herein named. esting for the Sterling #3
(Check one) is a coalbed methane producer is cycled on plunger lift due to water is a source of natural gas for injection into is on vacuum at the present time; KCC at is not capable of producing at a daily rate. I further agree to supply to the best of my ability any are staff as necessary to corroborate this claim for exemption to the capable. Date: 12/8/14	DEC. 1 2 2014 RECEIVED to an oil reservoir undergoing ER pproval Docket No te in excess of 250 mcf/D and all supporting documents deemed by Commission
	BH BL oleum 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.