KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				ξ,	see mande	Juons on ne	verse olde,	,			
	en Flow			Test Date				API	No. 15	21044 - 17	$\gamma\gamma$
	iverabilty	y		10/28/10)	Lease			007-2	21044	Well Number
Company BEREN		PORATION				STERI	ING			3	
County Location BARBER NE SE SE			Section 32				RNG (E/W) 12W		<i>,</i>	Acres Attributed	
Field HARDTNER				Reservoir MISS	Reservoir MISS			Gas Gathering Connection ONEOK			
Completion Date MARCH 1981				Plug Bac 4832	k Total Der	pth		Packer S	et at		e appendence
Casing Si	asing Size Weight			Internal [5.012	Internal Diameter 5.012		Set at Perforation 4866 4768			то 4 7 90	
		Weigh	t	Internal Diameter 1.995			Set at Perforations 4820		ations	То	
		(Describe)		Type Flui	Type Fluid Production CONDENSATE & WTR			Pump Unit or Traveling Plunger? Yes / No			
		Annulus / Tubing	9)	% (% Carbon Dioxide			% Nitrogen		Gas Gravity - G	
ANNUL	US			0.14					0.96 0.6666		
Vertical D	epth(H)				Pressure Taps PIPE					(Meter F 4"	Run) (Prover) Size
Pressure	Buildup:	Shut in 10/2	27	20 10 at 1	1:00 AM	_ (AM) (PM)	Taken_1(0/28	20	10 at 11:00	AM_(AM)(PM)
Well on Li	ine:	Started		20 at		(AM) (PM)	Taken		20	at	(AM) (PM)
	***************************************				OBSERV	ED SURFAC	E DATA			Duration of Shut-	in 24 Hours
Static /	Orifice	Circle one: Meter	Pressure Differentia	I Flowing	Well Head	Wallboad	Casing Wellhead Pressure		ubing ad Pressure	Duration (Hours)	Liquid Produced
Dynamic Property	Size (Inches	2) ' ' ' '	over Pressure in psig (Pm) Inches H ₂ 0		t	(P _w) or (I	P ₍) or (P _c)	(P _w) or	(P _t) or (P _c)		(Barrels)
Shut-In		, 5.5 (,				60	74	poly		24	
Flow											
					FLOW ST	TREAM ATT	RIBUTES			····	· · · · · · · · · · · · · · · · · · ·
Plate Coefficcient		Circle one: Meter or	Press Extension	Press Grav Extension Fact		Flowing Temperature	mperature Factor		Metered Flor	w GOR (Cubic Fe	eet/ Fluid
(F _b) (F Mcfd		Provet Pressure psia	✓ P _m xh		9	Factor F _n		F _{pv}	(Mcfd)	Barrel)	Gravity G _m
						N.X.					
(D.)2		. (D.)2 -	. ,	•		IVERABILIT	Y) CALCUI (P _c - 14.4) +		:) ² = 0.207) ² =
(P _c) ² =	- T	_: (P _w) ² =	Choose formula 1				essure Curvi		r 7		Open Flow
(P _c)²-((P _a) ²	(P _c) ² - (P _w) ²	1. P _c ² -P _a ²	lomina		Sie	ope = "n" or	l n x	LOG	Antilog	Deliverability Equals R x Antilog
(P _c) ² - (P _d) ²		2. P _c ² - P _d ² divided by: P _c ² -	1. or 2. and divide P. 2 by:	P ₂ -P ₂		ssigned dard Slope		. []		(Mcfd)
			awided by: Fc -	- J.	<u> </u>					The same of the sa	KEULIV
					<u> </u>		Control described a con-				DEC 03
Open Flo	Open Flow Mcfd @ 14.65 psia					Delivera	Deliverability Mcfd @ 14.65 psia				sia KCC WIC
The	undersiç	gned authority, o	on behalf of t	he Company,	states that	the is duly a	authorized	to make t	he above rep	ort and that he h	
the facts s	stated th	erein, and that s	said report is t	rue and corre	ct. Execut	ed this the	1st	day of _	DECEMBE	R	, 20 <u>10</u> .
							9	ر ہو	n	Man	1
<u></u>		Witness	(if any)			-		<u> </u>	For	Сотралу	<u> </u>
		For Com	mission		7	_			Ch	ecked by	

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator BEREN CORPORATION and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the STERLING 3 gas well on the grounds 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. vis not capable of producing at a daily rate in excess of 250 mct/D I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing. Date: Dec 1, 2010 RECEIVE DIVISION ENGINEER RECEIVE DEC 0,3 2	• .	
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Signature:	Date: Dec 1, 2010	
Title: DIVISION ENGINEER RECEIVE		
RECEIVE		

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.