Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

={			ONE	I OIN O	IADILIZI		IN I LOW	On L	/ LL L V L	-MADILII	1 1231		
Type Test					6	See Instructi	ions on Reve	erse Side,)				
✓ Open FlowDeliverabilty				Test Date: 12/17/14				API No. 15 -175-30012 -000					
Company BEREN CORPORATION				Lease DODD-MADD			ADDEN	'A'		Well Number			
County SEWARD			Location SE		Section 21				RNG (E/W) 33W			Acres Attributed N/A	
Field BEAUCHAMP					Reservoir MORROW			Gas Gathe ANADA		hering Conne	ection	<u>-</u> .	
Completion Date 1/1996 (RECC			 ЛР)		Plug Back Total Depti 6070				Packer 9 5730	Set at			
Casing Size 4.5			Weight 10.5		Internal Diameter 4.052		Set at		Perforations 5782		то 5824		
Tubing Size 2 3/4			Weigh 4.7	t	Internal Diameter 1,995		Set at 5730		Perforations		То		
Type Completion (I SINGLE GAS			Describe)		Type Fluid Production WATER				Pump Ur NO	nit or Traveling	Plunger? Yes	Plunger? Yes / No	
Producing	-	(Anı	nulus / Tubing	3)	% C	arbon Dioxid	de		% Nitrog	en	Gas Gr .688	avity - G	0
Vertical Depth(H) 5803		l)	Pressure Taps FLANGE										over) Size
Pressure	Buildu	p:	Shut in 12/	16 2	0_14_at_8			aken_12	2/17	20	14 at 8 AM		M) (PM)
Well on L	.ine:		Started	2	0 at		(AM) (PM) 1	Taken		20	at	(A	M) (PM)
						OBSERVE	D SURFACE				Duration of Shut-	_{in} 24	Hours
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Temperature Temperature		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing ad Pressure r (P ₁) or (P _c)	Duration Liq (Hours)		Produced arrels)
Shut-In		_	parg (r my	menes 11 ₂ 0			150	psia	psig 150	psia	24		
Flow		_	-										
						FLOW STR	EAM ATTRIE	BUTES					
Plate Coeffiecient (F _b)(F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension √ P _m x h	Gravity Factor F _g		emperature Fac		iation Metered Flov ctor R F _{pv} (Mcfd)		v GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m
					<u>.</u>								
(P _c) ² =		_:	(P _w)² =	<u></u> :	(OPEN FL	, .	ERABILITY) % (P _c	CALCUL - 14.4) +		:) ² = 0.20	7
$(P_c)^2 - (P_a)^2$ or $(P_a)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Choose formula 1 or 2 1. P _c ² -P _s ² 2. P _c ² -P _d ² divided by: P _c ² -P _s ³	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Backpressur Slope = or- Assign Standard		лх	rog	Antidog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo	l			Mcfd @ 14.	65 psia	_	Deliverabil	ity			Mcfd @ 14.65 ps	ia.	
		igne	d authority, o			states that h	_		o make ti	ne above repo	ort and that he ha		edge of
the facts s	stated t	herei	n, and that sa	aid report is true	e and correc	t. Executed	this the 22	nd /2	day of _D	ecember	·-··	,2	o <u>14</u> .
			Witness (f anvì	KANSAS C	Received ORPORATION (i Commission—	12	eH_	19/ _{For}	Сопрану		
					DE	C 24 2	2014 —				cked by		
			For Comm	IDSION	****	•				une	cade by		

CONSERVATION DIVISION WICHITA, KS

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 Dodd -Madden #1
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
is not capable of producing at a daily rate in excess of 250 mcf/D 1 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: _12/22/14
Received KANSAS CORPORATION COMMISSION DEC 2 4 2014 CONSERVATION DIVISION WICHITA, KS Signature: 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.