KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test			,			(See Instru	uctio	ons on Re	verse Side	9)					
_ `	en Flo liverat					Test Date					AF	PI No. 15 175-2037	4 70	30		
Company		<u> </u>				12/19/1	3		Lease			175-2037	1-001		Well No	ımber
BEREN CORPORATION			HOWLAND								2	Acres Attributed				
County Location SEWARD NE NW				Section 11			TWP 35S		RNG (E/W) 33W				N/A	Attributed		
Field LIBERAL, SE				Reservoir MORROW					Gas Gathering Connection XTO							
Completion Date 10/17/1978				Plug Bac 6491	k Total De	epth	1	Packer Set at NONE								
			Weig 10.5			Internal Diameter 4.052			Set at 6521		Perforations 6074			то 6082		
Tubing Size 1.9"			Weight		Internal Diame		Diameter			at	Perforations		То			
Type Con			escribe)			Type Flui WATE	d Product R	ion		-	Pump t	Init or Travelin	g Plunger	? Yes	/ No	
Producing CASING		(Ant	nulus / Tubi	ng)		% C	arbon Did	bixid	le		% Nitro	gen		Gas G .658	ravity - (3,
Vertical D 6078	epth(l	٦)							ure Taps IGE					(Meter 2"	Run) (P	rover) Size
	Buildu	ıp:	Shut in12	/18/	2	13 at 8				Taken_12	2/19/	20	13 at.			(AM) (PM)
Well on L	.ine:		Started		20) at		_ '	(AM) (PM)	Taken		20) at			(AM) (PM)
							OBSER	VEC	SURFACI	E DATA			Duration	of Shut	24	Hours
Static / Oynamic Property	ynamic Size		Circle ene: Meter Prover Pressure		Pressure Olfferential In	Temperature Tempe		lead Casing		Pressure	$(P_*) \propto (P_i) \propto (P_c)$		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			psig (Pm	<u>' </u>	Inches H ₂ 0			\neg	psig 50	psia	psig	psia	24			
Flow				-				7							+	
	!		<u> </u>	1			FLOW S	TRE	EAM ATTR	IBUTES			<u>.</u>			
Plate Coeffiec (F _b) (F Mold	ient ,)	Pro	Circle one: Meter or over Pressure psia		Press Extension P_x h	Grav Fac	tor	Te	Flowing emperature Factor F _{tt}	Fε	riation actor F _{PY}	Metered Flo R (Mcfd)	w	GOR (Cubic Fo	eeV	Flowing Fluid Gravity G_
					_	(OPEN FL	OW) (DEL	.IVE	RABILITY) CALCUL	ATIONS	<u> </u>		(P) ² = 0.2	<u> </u> 107
(P _c)² =		_:_	(P _w) ²		: use formula 1 or 2	P _d =		_%	T	P _c - 14.4) +		;	1	(P _e)² = <u> </u>	
(P _c) ² - (I or (P _c) ² - (I	•	(F	P _c)² - (P _w)²	2	1. P _e z-P _e z 2. P _e z-P _e z weetsy: P _e z-P _e z	LOG of formula 1. or 2. and divide by:	P.2. P.2		Slop	ssure Curve pe = "n" - or signed ard Slope	n x	rog	An	tilog	Del Equals	pen Flow liverability s R x Antilog (Mcfd)
Open Flo	w				Mcfd @ 14.	65 psia			Deliverab	oility			Mcfd @	14.65 ps	sia	
The	unders	igne	d authority,				states that	t he	is duly au	uthorized t	o make	the above rep	ort and th	nat he h	as know	rledge of
ne facts s	tated t	therei	in, and that	said	report is true	and correc	t. Execut	ed 1	this the 20	6th	day of _	December		,		20 13
	-		Witness	(if eny	<u></u>	·		-	-	10	Lett	- FOW FOR	Company		KCC	WICH
.=			For Con						_				ecked by		DEC	27 201
			, 51 561									OII.			R	ECEIVE

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator BEREN CORP.
	t 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
	ment installation and/or upon type of completion or upon use being made of the gas well herein named. reby request a one-year exemption from open flow testing for the HOWLAND 2
	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
l fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commissi
staff as	necessary to corroborate this claim for exemption from testing.
Date: _1	2/26/13
	Signature: BH BC
	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.

Signed and dated on the front side as though it was a verified report of annual test results.

DEC 27 2013 RECEIVED