KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruc	tions on Rev	erse Side,)				
√ Op	en Flo	w											
Del	liverab	ilty			Test Date 10/6/11):			API I	No. 15 175-20228	3=100	\bigcap	
Company BEREN CORPORATION			10/0/11	Lease HOWLAN						Well Number			
County Location SEWARD 150' S NW NW SW				Section 10		TWP 35S		RNG (E/W)		<u> </u>	Acres N/A	Acres Attributed N/A	
Field					Reservoir MORROW/CHESTER			Gas Gathering Connection XTO					
Completion Date				Plug Back	Plug Back Total Depth 6233			Packer Se	et at				
Casing Size Weight 4.5 9.5			Internal E 4.052	Diameter	Set at 6233		Perforations 6155		то 617	 '5			
	Tubing Size				Internal Diameter		Set at 6145		Perforations		То		
			Type Flui	Type Fluid Production WATER			Pump Uni	it or Traveling	Plunger? Y	es / No			
Producing	Thru		nulus / Tubing)		arbon Dioxi	ide		% Nitroge	en .	Gas .65	Gravity -	G ₀
TUBING Vertical D		4)			- "	Pres	sure Taps						Prover) Size
6165						FLA	NGE				3"		·
Pressure	Buildu										11 at 8 Al		
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)
					·	OBSERVE	D SURFACE	DATA	,		Duration of S	hut-in _24	Hours
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressui psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well He Temperature Tempera t t		Cas Wellhead (P _w) or (P	Pressure	Wellhea	ubing id Pressure (P ₁) or (P _c) psia	Duration (Hours)	1 .	uid Produced (Barrels)
Shut-In							65	рыа	62	psia	24		
Flow													
						FLOW ST	REAM ATTR	BUTES					. , ,
Plate Coefficcient (F _b) (F _p) Mctd		Circle one: Meter or Prover Pressure psia		Press Extension P _m xh	Grav Fac F,	tor	Flowing Temperature Factor F _{ft}	Deviation Factor F _{pv}		Metered Flov R (McId)	(Cubi	OR c FeeV rrel)	Flowing Fluid Gravity G_
			· · · · _ · · ·		(OPEN FL	OW) (DELIV	/ERABILITY	CALCUL	ATIONS			(P _a) ² = 0.	207
(P _c) ² =		_:	(P _N) ² =	:	P _d =		% (F	- 14.4) +	14.4 =	:		(P _a) ² =	
$(P_c)^2 - (P_a)^2$ or $(P_a)^2 - (P_d)^2$		(F	P _c)²- (P _u)²	1. P _e ² - P _e ² 2. P _e ² - P _e ²	1. P _c ² P _a ² LOG of formula 2. P _c ² P _d ² 1. or 2. and divide		Slop	essure Curve ppe = "n"		og	Antilog	De	Open Flow eliverability its R × Antilog (Mcfd)
			- '	livided by: P _c ² - P _w	2 by:	P _c ² - P _w ²	Stand	ard Slope			<u></u>		
					-								
Open Flo	w			Mcfd @ 14	.65 psia		Deliverab	ility		-	Mcfd @ 14.65	psia	<u> </u>
The	unders	igne	d authority, on	behalf of the	Company,	states that I	he is duly au	uthorized to	o make th	e above repo	ort and that he	e has kno	wledge of
the facts s	tated t	here	in, and that sa	id report is tru	e and correc	t. Executed	this the 81	th /g	day of DI	ECEMBER			, 20
			Witness (if	any)			-	- 00	//VI	For	Company	RE	CEIVED
			For Commi	ssion			-			Che	cked by	DEC	0 9 2011

exempt status und and that the foreg correct to the best of equipment insta I hereby reque	er penalty of perjury under the laws of the state of Kansas that I am authorized to request ler Rule K.A.R. 82-3-304 on behalf of the operator BEREN CORP going 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 allation and/or upon type of completion or upon use being made of the gas well herein named. Lest a one-year exemption from open flow testing for the HOWLAND 1 counds 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 e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
Date: 12/8/11	Signature:

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.

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