KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	Type Test	t:			(See Instruct	ions on Rev	erse Side))					
		en Flow liverabilty			Test Date 11/23/1	Test Date:			API No. 15 175-20228 - <i>O</i> O - OO					
	Company BEREN CORPORATION				11/23/1		Lease HOWL					Well Number		
	County Location SEWARD 150' S NW NW SW			Section 10		TWP 35S		RNG (E/W) 33W		Acres Attributed N/A		buted		
	Field LIBERA				Reservoi MORR	, ROW/CHE	STER		Gas Gathering Conne		ection RE		RECEN	
	Completion Date 3/8/1975				Plug Bac 6233	k Total Dept	1		Packer Set at		NO		RECEIV NOV 2 9 CC WICH	
	Casing Size Weight 4.5 9.5			Internal I 4.052	Diameter	Set at 6233		Perforations 6155		то 6175	KC	C MICI		
	Tubing Size We 2 3/8 4.7			nt	Internal Diameter 1.995		Set at 6145		Perforations		То		· · · · · · ·	
n na	Type Completion (Describe) ingled (GAS + OIL)				Type Flui WATE	id Production R	1		Pump Unit or Traveling NO		g Plunger? Yes / No			
	Producing TUBING	g Thru (A	nnulus / Tubin	g)	% (Carbon Dioxid	de		% Nitrogen		Gas Gravity - G _s .654			
	Vertical Depth(H) 6165					Pressure Taps FLANGE			(Meter Run) (Prover) Size 3"				er) Size	
					0_12_at_8	AM	(AM) (PM) Taken 11/		1/23/ 20 .		12 at 8 AM	(AM	1) (PM)	
	Well on Line: Started 20 at (AM) (PM) Taken 20 at (AM) (PM)												I) (PM)	
	Circle one: Pressure				T	OBSERVED SURF			RFACE DATA Casing Tubing			Duration of Shut-in 24 Ho		
	Static / Orifice Dynamic Size Property (inches)		Meter Prover Press	Differential in	Temperature Tempera		Melihead Pressure		Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Duration (Hours)	1 '	Liquid Produced (Barrels)	
	Shut-in						70	polit	70		24			
	Flow	<u> </u>							:			<u></u>		
			Circle one:		FLOW STR	Flowing South		<u> </u>		<u> </u>		Flowing		
	Plate Coeffied (F _b) (F	cient F _p) F	Meter or Prover Pressure psia	Press Extension	Gra Fac F	ctor	Temperature Fa		viation Metered Flow actor R F _{pv} (Mcfd)		v GOR (Cubic Fee Barrel)	et/	Fluid Gravity G	
										_		<u> </u>		
	(P _c) ² =		(P _w) ² =			(OPEN FLOW) (DELIVERABILIT			(P _c - 14.4) + 14.4 =:			$(P_a)^2 = 0.207$ $(P_d)^2 = $		
	(P _c) ² - (_	(P _c) ² - (P _w) ²	Choose formula 1 or 2 1. P _c ² -P _s ² 2. P _c ² -P _s ² alvided by: P _c ² -P _s	LOG of formula 1. or 2. and divide	LOG of formula 1. or 2. and divide p2. p2		Backpressure Curve Slope = "n" Assigned Standard Slope		.og []	Antilog	Open Deliver Equals R	pen Flow iverability s R x Antilog (Mcfd)	
				- 0 1										
	Open Fin	Open Flow		Mcfd @ 14	.65 psia	5 psia		Deliverability			Mcfd @ 14.65 psia			
			ned authority o	<u> </u>		states that h		.	to make th		rt and that he ha		ae of	
		-	-	an benair of the						OVEMBER?		, 20		
			Witness	(if any)			_		se/M	Jose Jose	Company			
			For Com	mission			_			Chec	cked by			

NOV 2 9 2012

KCC WICHITA

	der penalty of perjury under the laws of the state of Kansas that I am authorized to request der 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
	st of my knowledge and belief based upon available production summaries and lease records
	tallation and/or upon type of completion or upon use being made of the gas well herein named.
	uest a one-year exemption from open flow testing for the HOWLAND 1
	rounds that said well:
,	
(Chec	k 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
_	ee to supply to the best of my ability any and all supporting documents deemed by Commission ry to corroborate this claim for exemption from testing.
	D. W. Bland

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.