KCC WICHITA

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type rest.														
_ :	en Flo liverab				Test Date 8/16/12				API	No. 15 025	5-10084 - 0 0	-00	ı 	
Company BEREXC		C					Lease HARVE	Υ			1-8	Well Nu	ımber	
County CLARK			Locatio C NE	Location C NE		Section 8		TWP 34S		RNG (E/W) 21W		Acres Attributed N/A		
Field HARPER RANCH				Reservoir MORR				Gas Gathering Conr DUKE		ection				
Completic		е			Plug Back 5484	k Total Dept	ħ		Packer S	et at		·	•	
Casing Size Weight 4.5 9.5				Internal D 4.09	Diameter	Set at 5537			Perforations 5432		то 5478			
Tubing Size Weight 2 3/8 4.7				Internal D 1.995	Diameter	Set at 5435		Perforations		То	То			
Type Completion (Describe) SINGLE GAS				Type Fluid Production WTR				Pump Unit or Traveling Plunger? Yes / No PU						
Producing		(Anr	nulus / Tubing)	% C	arbon Dioxi	de		% Nitroge	en	Gas Gi 0.701		G,	
Vertical Depth(H) 5464					Pressure Taps PIPE						(Meter	Run) (P	rover) Size	
Pressure	Buildu	ıp:	Shut in 8/15	5/ 2	0_12_at_8:			Taken_8/	16/	20	12 at 8:00 a	m	(AM) (PM)	
Well on L	ine:		Started	2	0 at	· · · · · · · · · · · · · · · · · · ·	(AM) (PM)	Taken		20	at		(AM) (PM)	
•	•					OBSERVE	D SURFACE	DATA			Duration of Shut	_{-in_} 24	Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P _w) or (P _i) or (P _c) psig psia		Duration (Hours)	Liqu	Liquid Produced (Barrels)	
Shut-In							44	para	poig	polu	24			
Flow												<u> </u>		
						FLOW STR	EAM ATTRI	BUTES			<u> </u>			
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m xh	Grav Fac F	tor			iation ictor F	Metered Flor R (Mcfd)	W GOR (Cubic Fe Barret)		Flowing Fluid Gravity G _m	
					(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS) ² = 0.2	<u> </u>	
(P _c)² =		:	(P _w) ² =	:	P _d =			- 14.4) +		:	(P _a) (P _d)			
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		noose formula 1 or 2: 1. $P_c^2 - P_a^2$ LOG of formula 2. $P_c^2 - P_d^2$ Lor 2. 2. $P_c^2 - P_d^2$ and divided by:			Backpressure Curve Slope = "n" 		n x i	.og []	Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
			-	···		<u></u> .			-	·		<u> </u>		
Open Flow		<u> </u>	<u></u>	Mcfd @ 14	.65 psia	psia De		Deliverability		Mcfd @ 14.65 psia				
The	unders	_	-	n behalf of the						e above repo ovember	ort and that he ha		vledge of 20	
			Witness (i	f any)			_			For	Company	-		
			For Comm	dission			_			Che	cked by			

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	KCC WICHITA
	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator BEREXCO LLC
and that the forego correct to the best of equipment insta I hereby reque	oing 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 llation and/or upon type of completion or upon use being made of the gas well herein named. st a one-year exemption from open flow testing for the HARVEY GMC #1-8 bunds 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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: <u>11/19/12</u>	Signature: Both Bly 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.