KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	st:					(See Instruc	ctions on Rev	rerse Side	9)					
✓ Or	pen Flo	wc			Teet Dot	۵۰			ΛĐΙ	No. 15				
Deliverabilty				Test Date: 5/29/13					7-21021 -	0000				
Compani BEREN		RP					Lease HILTY				2-22		lumber	
County Location STANTON SW SE NW				-	Section 22		TWP 30S			NG (E/W) 1W		Acres Attributed		
Field BEAUCHAMP					Reservoir U. MORROW			Gas Gathering Connection DUKE		ection		- "		
Completion Date 1/14/04				Plug Back Total Depth 5572'			Packer S NONE							
Casing Size Weight 1/2" 10.5			Internal 4.090	Diameter	Set at 5624'		Perforations 5053'		то 5069'					
Tubing Size Weight 2 3/8" 4.7				ht	Internal I 1.995	Diameter	Set at 5030'		Perforations		То			
ype Cor SINGLE			escribe)	N.	Type Flui WATE	id Productio	on		Pump Ui	nit or Traveling	g Plunger? Yes	/ No		
Producing Thru (Annulus / Tubing) TUBING				% (% Carbon Dioxide						Gas Gravity - G			
Vertical Depth(H) 5961'				Pressure Taps FLANGE							Run) (I	Prover) Size		
	Buildu	Jp:	Shut in 5/2	28/2	0_13_at_8			Taken 5/	29/	20	13 8 AM		(AM) (PM)	
								20 at (AM) (PM)						
	1					OBSERVE	ED SURFACE	DATA			Duration of Shu	_{t-in} 24	Hours	
Static / Dynamic Property	nic Size		Circle one: Meter Prover Pressi psig (Pm)	Pressure Differential in Inches H ₂ 0	lemperature Tempera		Wollhoad Proceuro		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In							190		198		24	24		
Flow								···-						
						FLOW ST	REAM ATTRI	BUTES						
Plate Coefficcient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P _m x h	Grav Fac F _e	tor	Flowing Emperature Factor F _n F _n Deviation Factor F _{pv}		ctor	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
					(OPEN FL	OW) (DELIV	/ERABILITY)	CALCUL	ATIONS		/P) ² = 0.2	207	
°c)2 =		<u>:</u>	(P _w) ² =		P _d =		% (P	- 14.4) +	14.4 =	<u> </u>) ² =		
$(P_c)^2 \cdot (P_a)^2$ or $(P_c)^2 \cdot (P_d)^2$		(P _c) ² - (P _w) ²		Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_a^2$	LOG of formula 1. or 2. and divide	P _c ² · P _w ²	Backpressure Cur Slope = "n" or Assigned Standard Slope		l n x i	og []	Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo				Mcfd @ 14.	65 psia		Deliverabil	itv			Mcfd @ 14.65 ps	ia		
The (unders			n behalf of the	Company, s		ne is duly aut	horized to		e above repo	rt and that he h	as know	-	
e facts s	tated t	herei	in, and that sa	aid report is true	and correc	t. Executed	t this the _21	st	day of $\frac{A}{4}$	ugust			²⁰ <u>13</u> . WICH	
			Witness (i	if any)			_	100	rl/11	//////////////////////////////////////	Company			
			For Comm	nission		 	-			Chec	ked by	<u> </u>	2 7 201	
										2,700	,	R	ECEIVE	

exempt and tha	eclare 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. It the foregoing pressure information and statements contained on this application form are true and						
	to the best of my knowledge and belief based upon available production summaries and lease records oment installation and/or upon type of completion or upon use being made of the gas well herein named.						
l he	reby request a one-year exemption from open flow testing for the HILTY #2-22						
gas wel	I 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						
	rther agree to supply to the best of my ability any and all supporting documents deemed by Commission necessary to corroborate this claim for exemption from testing.						
Date: _8	3/21/13						
	Signature: Bett Bly						
	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. **KEONWISTHIA** signed and dated on the front side as though it was a verified report of annual test results.

SEP 27 2013