## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	Type Tes					(	See Instruc	tions on Rev	rerse Side	)				
	Open Flow					Test Date	<b>9</b> :				lo. 15			
	Deliverability					12/15/1	5				047-	20182 <b>- 00</b>	01	
	Company BEREN CORPORATION					Lease SMITH-W			-WOOE	)		1	Well Number	
	County EDWA	RDS		Location C NE S		Section 12		TWP 26S		RNG (E/M 16W	<i>I</i> )		Acres Attributed N/A	
	Field WIL PO						OKEE SI			Gas Gathe	ering Conne	ection		
	Completion Date 10/17/1975					Plug Back Total Depti 4588		oth	n		t at			
	Casing Size 5.5			Welght 15.5		Internal Diameter 5.012		Set at 4616		Perforations 4044		то 4366		
	Tubing S 2.375	Size		Welght 4.7		Internal I 1.995	Diameter	Set a 434(		Perfora OPE		То		
Commin	Type Cor	mpletio GA	n (Des	scribe)		Type Flui OIL & '	d Production	חי		Pump Unit	or Traveling	Plunger? Yes	/ No	
			(Annı	ulus / Tubing	)	% C	arbon Diox	ide		% Nitroger	n	Gas Gr 0.651	ravity - G <sub>g</sub>	
	CASING Vertical Depth(H)					Pressure Taps				2.831		(Meter Run) (Prover) Size		
	N/A  Bressure Building Shut In 12/14			1	N/A _ <sub>20</sub> 15 <sub>at</sub> 9:30 am <sub>(AM) (PM)</sub> Taker				0/15		N/A 15 9:30 a	m		
	•		nut III	2							15 at 9:30 a			
	Well on I	Line:	s	taned	21	U at		. (AM) (PM)	iaken		20	at	(AM) (PM)	
				Circle one:	Pressure	OBSERVE			O SURFACE DATA			Duration of Shut-	-in 24 Hours	
	Static / Dynamic Property			Meter Prover Pressur psig (Pm)	Differential	Flowing Well Head Temperature t t		Casing Welihead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) paig psia		Duration (Hours)	Liquid Produced (Barrels)	
	Shut-In							49		F - 4	,,,,,,	24		
	Flow	<u> </u>										KAI	Received V\$AS CORPORATION COMMI	ISSiDa
							FLOW ST	REAM ATTR	BUTES			1	DEC 2.8, 2015	
	Coeffied (F <sub>b</sub> ) (F	clent = <sub>p</sub> )	٨	Circle one: Meter or er Pressure psia	Press Extension ✓ P <sub>m</sub> x h	Grav Fac F	tor	Flowing Temperature Factor F <sub>I</sub>	Fa	lation leter pv	Metered Flow R (Mcfd)	GOR (Cubic Fé Barrel)	GONSERVATION KS	
						(0.55)						•		
	(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> )² =_	<u> </u>	(OPEN FLOW) (DELIVERABILITY) CAP $P_d = $ ( $P_c - 14$ )			) CALCUL <sup>)</sup> 14.4) +		:	$(P_a)^2 = 0.207$ $(P_d)^2 = \underline{\hspace{1cm}}$		
	(P <sub>c</sub> ) <sup>2</sup> - ( or (P <sub>c</sub> ) <sup>2</sup> - (	-	(P <sub>c</sub>		Choose formula 1 or 2.  1. $P_0^2 - P_a^2$ 2. $P_0^2 - P_d^2$			Backpre: Slop	ssure Curve be = "n" or signed	n x ic	og T	Antilog	Open Flow Deliverability Equals R x Antilog	
•				c	livided by: $P_{c}^{2}$ - $P_{w}^{4}$		P <sub>c</sub> <sup>2</sup> - P <sub>+</sub> <sup>2</sup>	Stand	ard Slope		L J		(Mcfd)	
	Open Flow				Mcfd @ 14.	 ∂5 psla		Dellverab	Dellverability			Mcfd @ 14,65 ps	ila	
	The	unders	signed	authority, on	behalf of the	Company,	npany, states that he is duly authorized to make the above report and that he has known						as knowledge of	
	the facts s	stated 1	therein	, and that sa	id report is true	and correc	t. Execute	this the 22	2nd	day of De	cember		, 20 15	
				Witness (If	any)			-	10)	W/11 1	For C	Company		
			<del></del>	For Commi	ssion			_			Chec	ked by		

	re under penalty of perjury under the laws of the state of Kansas that I am authorized to request us under Rule K.A.R. 82-3-304 on behalf of the operator Beren Corporation
and tha	e foregoing pressure information and statements contained on this application form are true and
	ne best of my knowledge and belief based upon available production summaries and lease records
	nt installation and/or upon type of completion or upon use being made of the gas well herein named.  y request a one-year exemption from open flow testing for the Smith-Wood #1
	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
	r agree to supply to the best of my ability any and all supporting documents deemed by Commission cessary to corroborate this claim for exemption from testing.
Date: <u>1</u>	2/15 Received KANSAS CORPORATION CO
	DEC 2 8 20
	CONSERVATION DIVIS WICHITA, KS
	Signature:
	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. The form must be signed and dated on the front side as though it was a verified report of annual test results.