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

Type Test	t:				(	(See Instruct	tions on Rev	erse Side	)					
<b>✓</b> Op	en Flo	w			T D				A FO	No. 15				
De	eliverab	ilty			Test Date 8/10/12						00-00			
Company		c					Lease HALEY				1-22	Well Num	ber	
County HASKELL			Location NE NE SE		Section 22		TWP 30S		RNG (E/W) 33W		Acres Attributed		ributed	
Field				-	Reservoi MORR					thering Conn VING GAS	ection SYSTEMS			
Completic 7/16/19		е			Plug Bac 5663	k Total Dept	h		Packer 5 5303	Set at				
Casing Size 4.5			Weight 10.5		Internal Diameter 4.052		Set at 5749		Perforations 5338		то 5342			
	Tubing Size		Weight 4.7		Internal Diameter 1.995		Set at 5303		Perforations NONE		To			
2 3/8 Type Con	nnletio	n (De		W		id Production				nit or Traveling	Plunger? Yes	/ No		
SINGLE			33011507		WATE		•		PUMF		i i i i i i i i i i i i i i i i i i i	, ,,,		
Producing CASING	•	(Anr	nulus / Tubin	g)	% C	Carbon Dioxi	de		% Nitrog	jen	Gas Gr .680	avity - G <sub>o</sub>		
Vertical E	Depth(F	1)				Pres: FLAI	sure Taps NGE				(Meter F	łun) (Pro	ver) Size	
Pressure	Buildu	p: :	Shut in _8/9	/2	12 at 8			Taken_8/	10/	20	12 <sub>at</sub> 8 AM	(A	M) (PM)	
Well on L	.ine:	:	Started	2	0 at		(AM) (PM)	Taken		20	at	(A	M) (PM)	
						OBSERVE	D SURFACE	DATA		·	Duration of Shut-	_24	Hours	
Static / Dynamic Property	Orifi Siz (inch	е	Circle one: Meter Prover Press. psig (Pm)	Pressure Differential ure in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	Casir Wellhead F (P <sub>w</sub> ) or (P <sub>t</sub>	Pressure ) or (P <sub>c</sub> )	Wellhe	Tubing ead Pressure r (P <sub>t</sub> ) or (P <sub>c</sub> )	Duration (Hours)	Liquid (	d Produced Barrels)	
Shut-in			paig (Fili)	Theries H <sub>2</sub> O			psig 50	psia	psig	psia	24	<b>}</b>		
Flow														
<del></del>	1			F		FLOW STR	EAM ATTRI	BUTES		·	-	<u> </u>	<del></del>	
Plate Coeffied (F <sub>b</sub> ) (F Mcfd	ient	Pro	Circle one: Meter or over Pressure psia	Press Extension	Grav Fac F	tor 1	Flowing Femperature Factor F <sub>f</sub> ,		ation ctor	Metered Flov R (Mcfd)	v GOR (Cubic Fer Barrel)	et/	Flowing Fluid Gravity G	
L					(OREN EI	ONO (DELIV	ERABILITY)		ATIONS					
(P <sub>c</sub> ) <sup>2</sup> =			(P <sub>w</sub> )² =		P <sub>d</sub> =		•	- 14.4) +		•	(P <sub>a</sub> ) <sup>2</sup> (P <sub>d</sub> ) <sup>2</sup>	= 0.207 =	7	
(P <sub>c</sub> ) <sup>2</sup> - (	P_)2	(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2  1. P <sub>0</sub> <sup>2</sup> - P <sub>2</sub> <sup>2</sup> 2. P <sub>2</sub> <sup>2</sup> - P <sub>4</sub> <sup>2</sup> divided by: P <sub>0</sub> <sup>2</sup> - P <sub>4</sub>	LOG of formula 1. or 2. and divide		Backpres Slope Ass	sure Curve = "n" or	n x	roe	Antilog	Oper Delive Equals F	n Flow erability I x Antilog cfd)	
									_		-			
Open Flo	<u>.</u>			Mcfd @ 14.	65 nsia		Deliverabil	lity			Mcfd @ 14.65 psi			
······································			d		•			•			•			
		•	-	n behalf of the			•			OVEMBER	rt and that he ha		12	
			Witness	(if any)	KAN	AEC SAS CORPOR	ALION CC. N <del>V</del> EINEE	35/07/	hell	For	Company			
			For Corns	nission		NOV S	<b>2 1</b> 2012	<u> </u>		Chec	cked by	•••	<u>.</u>	

CONSERVATION DIVISION WICHITA, KS

	under penalty of perjury under the laws of the state of Kansas that I am authorized to request sunder Rule K.A.R. 82-3-304 on behalf of the operator BEREXCO LLC
and that the correct to the	foregoing pressure information and statements contained on this application form are true and best of my knowledge and belief based upon available production summaries and lease records installation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby i	request a one-year exemption from open flow testing for the HALEY 1-22
I further a	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 agree to supply to the best of my ability any and all supporting documents deemed by Commission ssary to corroborate this claim for exemption from testing.
Julio,	Signature:  PETROLEUM ENGINEER  RECEIVED  NOV 2 I 201  SONSEMATION DIVI

## 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.