

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

Type Test	t:				6	See Instruc	tions on Reve	erse Side	<del>)</del> )					
Open Flow				Took Dode	Test Date: API No. 15									
Delivershills					11/29/14				API No. 15 189-21554 <b>- 0000</b>					
Company BEREXCO LLC					Lease FREEMAN A			1			Well Number			
County Location STEVENS C SW SE				Section 8		TWP 35S		RNG (E/W) 37W			Acres Attributed N/A			
Field WILDCAT				Reservoir L MOR			Gas Gathe ONEOK		nering Conn K	ection				
Completic 9/19/19		e			Plug Bad 6953	Plug Back Total Depth 6953		Packer NONE						
Casing Size 4.5			Weigh 10.5	nt	Internal E 4.052	Internal Diameter 4.052		Set at 6995		Perforations 6384		то 6388		
Tubing Size 2 3/8"			Weigh 4.7	nt	Internal Diamete 1.995		Set at 6264		Perforations		То	То		
Type Completion (Describe) SINGLE GAS					Type Fluid Production WATER				Pump Unit or Traveling Plunger? Yes / No YES - PU					
Producing Thru (Annulus / Tubing) ANNULUS				% C	% Carbon Dioxide			% Nitroge	en	Gas G .670	Gas Gravity - G <sub>g</sub>			
Vertical Depth(H)						Pres	sure Taps					Run) (P.	rover) Size	
6386					FLANGE						4.026	<u> </u>		
Pressure Buildup:			Shut in	hut in		14 at 8 AM		(AM) (PM) Taken 11/2		20 14		M (AM) (PM)		
Well on L	ine;		Started	2	0 at		(AM) (PM) 1	Taken		20	at	(	(AM) (PM)	
	_			,		OBSERVE	D SURFACE	DATA			Duration of Shut	<sub>-in</sub> 24	Hours	
Static / Dynamic	·		Circle one: Meter Prover Press	Pressure Differential ure in	Flowing Well Heat Temperature Temperat		Wollhoad Proceura		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H <sub>2</sub> O		•	psig 250	psia	psig 230	psia	24			
Flow										1		1		
			l		<u>.                                    </u>	FLOW STR	LEAM ATTRIE	BUTES	<u> </u>					
Plate			Circle one:	Press	Grav	ritu .	Flowing		intian	Material Ex	w GOR		Flowing	
Coeffiecient		Pro	Meter or over Pressure	Extension	Fact	tor	emperature Fa		viation Metered Flor actor R		(Cubic Fe		Fluid Gravity	
(F <sub>b</sub> ) (F <sub>p</sub> ) Mold		- 10	psia	P <sub>m</sub> xh	P <sub>m</sub> xh F <sub>o</sub>		F <sub>t</sub>	F <sub>pv</sub>		(Mcfd)	Barrel)	) 	G <sub>m</sub>	
		_												
				•	(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(P )	) <sup>2</sup> = 0.2	07	
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =		P <sub>d</sub> =		% (P <sub>c</sub>	- 14.4) +	14.4 =	<del></del> :	(P <sub>d</sub> )			
(P <sub>c</sub> ) <sup>2</sup> - (P <sub>u</sub> ) <sup>2</sup>				1. P <sub>c</sub> <sup>2</sup> - P <sub>s</sub> <sup>2</sup>	LOG of		Backpressure Curve		1 1 1			,	Open Flow	
or (P.)²- (P.)²				2. P.2 - P.2	formula 1. or 2. and divide	, , ,	or		- n x LOG		Antilog		Deliverability Equals R x Antilog	
" c/ " d/			divided by: Pg-Pg		and divide P 2 P 2		Standard Slope					(Mcfd)		
					<u> </u>									
Open Flor	w			Mcfd @ 14.	65 psia		Deliverabil	ity			Mcfd @ 14.65 ps	ia	<del>,</del>	
The t	unders	igne	d authority, o	n behalf of the	Company, s	tates that h	e is duly aut	horized to	o make the	e above repo	ort and that he ha	as know	ledge of	
the facts st	tated t	herei	n, and that s	aid report is true	and correc	t. Executed	this the 22	nd	day of De	ecember		:	20 14 .	
			1484	9 A		·· Roser	. –	18	rell	(M)				
			Witness (	и апуј	KANSAS (	Receive CORPORATION	ed I COMMISSIO <u>N</u>			*For	Company			
			For Comm	nission		EC 24				Che	cked by			

CONSERVATION DIVISION WICHITA, KS



I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Berexco LLC and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records								
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.								
I hereby request a one-year exemption from open flow testing for the Freeman A #1-8								
gas well 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  I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.								
staff as necessary to corroborate this claim for exemption from testing.								
Date:								
Received Signature: Boll 1866  DEC 24 2014  CONSERVATION DIVISION WICHITA, KS  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.