KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	en Flow				6	See Instruct	ions on Reve	erse Side				
Deliverabilty					Test Date: 8-30 thru 8-31, 2013				API No. 15 15-007-00218-00-00			
Company	N L. LO	EB, LLC			Lease COLBORN			:N	Well Number			Well Number
County Location BARBER SE NW SW				Section 10		TWP 33s		RNG (E/W) 11w		Acres Attributed		
Field RHODES				Reservoir MISSISSIPPIAN				Gas Gathering Connection ONEOK FIELD SVCS				
Completion Date 4-18-1956				Plug Back Total Depth 4595				Packer Set at NONE				
Casing Si 4.500	Casing Size Weight 4.500 10.50				Internal D 3.927			Set at 4625		ations	To 4500	
Tubing Size 2.375	Tubing Size Weight 2.375 4.70			Internal D 1.995	Diameter	Set at 4531		Perforations OPEN		То		
Type Completion (Describe) SINGLE					Type Fluid	d Production	1	Pump Unit or Travelin PUMPING UNIT				
Producing	•	Annulus / Tu	bing)		% C	arbon Dioxi	de		% Nitroge	en	Gas Gr	avity - G _g
	Vertical Depth(H)					Pressure Taps					(Meter I	Run) (Prover) Size
Pressure	Buildup:	Shut in	3-30	20	13 at 1	:00 PM	(AM) (PM) T	Taken_8-	31	20	13 _{at} 1:00 P	M (AM) (PM)
Well on Li	ne:	Started		20) at		(AM) (PM) 1	Taken		20	at	(AM) (PM)
						OBSERVE	D SURFACE	DATA	·		Duration of Shut-	in 24 Hours
Static / Dynamic Property	Orifice Size (inches	Mete Prover Pr	Circle one: Meter Prover Pressure psig (Pm)		Flowing Well Head Temperature t t		! Wellhead Pressure		Tubing Wellhead Pressure (P_{ψ}) or (P_1) or (P_c) psig psia		Duration (Hours)	Liquid Produced (Barrels)
Shut-In		1		Inches H ₂ 0	,		20	рыв	pag	paia	24	
Flow												
						FLOW STR	EAM ATTRIE	BUTES	<u></u>	,		T 1
Plate Coeffieci (F _b) (F Mcfd	ent ,)	Circle ane: Meter or Prover Pressure psia		Press Extension P _m x h	Grav Fact	tor	Flowing Temperature Factor F _{ft}	Fa	eviation Metered Flor Factor R F _{pv} (Mcfd)		W GOR (Cubic Fe Barrel)	l vancers) i
									<u></u>			
(P _c) ² =		: (P _*)² =	:	•	, ,	ERABILITY) % (P _c	- 14.4) +		:	(P _a) (P _d)	² = 0.207 ² =
(P _c) ² - (F or (P _c) ² - (F	P ₂) ²	(P _c) ² - (P _w) ²		1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ided by: $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divide	Slope 		sure Curve e = "n" or gned rd Slope	l n x L	og	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
_					<u> </u>		<u></u>	**-			New 2 4 4 5 5	io
Open Flor				Mcfd @ 14.		ototoo that t	Deliverabil		n maka th		Mcfd @ 14.65 ps	
	_											, 20 <u>13</u> .
								A	Parl	test	£	RECEIVED
	_	erein, and th		freport is true			ne is duly aut			EPTEMBER For	£	, 20 13

exempt and that correct to of equip	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 HERMAN L. LOEB, LLC at 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. Pereby request a one-year exemption from open flow testing for the COLBORN #1
	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: _9	Signature:

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.

KANSAS CORPORATION COMMISSION