Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	:				(See Instruct	ions on Re	verse Side)				
Open Flow				Test Date:				API No. 15					
✓ Deliverabilty			07/14/2015				15-097-21769 - 0000						
Company REDLAND RESOURCES, LLC			Lease CLARK			T	Well Num #31-11			Vell Number			
County KIOWA			Location E/2 W/2	n NE SW	Section 31		TWP 30S			RNG (E/W) 18W		Acres Attributed 160	
Field ALFORI	D			Reservoir ALTAM		· · · · · · · · · · · · · · · · · · ·			ering Conne				
Completic		е			Plug Baci 5100'	k Total Depi	ih		Packer St 4908'	et at			
Casing Si 4.5"	ize		Weight	Internal Diameter 4.052"		Set at 5272'		Perforations 4951'		то 4954'			
Tubing Si 2,375"	ize		Weight 4.7"		Internal Diameter 2.067"		Set at 4908'		Perforations		То		
Type Con	npletio	n (De		=		d Production				it or Traveling	ng Plunger? Yes / No		
Producing Thru (#			nulus / Tubing)		arbon Dioxi	de		% Nitrogen		Gas Gravity - G _o		
Vertical D		1)				Pres	sure Taps				(Meter F	Run) (Prover) Size	
Pressure	Buildu	—— ID:	97/1	420	15 _{at} 4:	00PM	(AM) (PM)	Taken 07	7/15	20	15 _{at} 4:00PM	(AM) (PM)	
Well on L	ine;										at	,	
				<u></u>		OBSERVE	D SURFAC	E DATA			Duration of Shut-i	n_24 Hours	
Static / Orific Dynamic Size Property (inches		Θ.	Circle one: Meter Prover Pressu	1 " 1	Flowing Well Head Temperature		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			psig (Pm)	inches H ₂ 0	, ,		psig 475	psia	psig psia 250				
Flow						_					_		
						FLOW STE	REAM ATTE	IBUTES		_	 1		
Plate Coefficient (F _b) (F _p) Mofd		Pro	Circle one: Meter or over Pressure psia	Press Extension P _m x h	Gravity Factor F _g		Temperature F		viation Metered Flow actor R F _{pv} (Mcfd)		GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G _m	
<u></u>					(ODEN EL	OM (DELIN	EDABILITY	OALCH!	ATIONS				
(P _c) ² =		:	(P _w) ² =_	:	P _d =	OW) (DELIV) CALCUL P _e - 14.4) +		:	(P _a) ² (P _d) ²	= 0.207 =	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		2. P _c ² - P _d ² 1. P _c ² - P _d ² 2. P _c ² - P _d ² divided by: P _c ² - P _d ²	LOG of formula 1. or 2.		Backpre Slo	Backpressure Curve Slope = "n" or Assigned Standard Slope		oe [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
							ıi						
					<u> </u>			****					
Open Flo				Mcfd @ 14.	·		Deliveral	-			/lcfd @ 14.65 psi		
				behalf of the						•	t and that he ha	s knowledge of	
												<u></u> .	
			Witness (if	any)			C WIC IL 212	<u>'' </u>	•	For Co	ompany		
·			For Commi	esion			- 414	n13		Chec	ked by		

RECEIVED

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 REDLAND RESOURCES, 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 CLARK #31-11
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.
Date: _07/18/2015
KCC WICHITA Signature: JUL 2 1 2015 Title: CO-MANAGER RECEIVED

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.