KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test						('See Ins	truct	ions on Re	verse Side	·)						
✓ Open Flow Deliverabilty						Test Date:				API No. 15							
					August	August 14, 2014				025-21218 ~ 0000				MAI-II NI			
Company Red Hills	, s Reso	ourc	es. Inc.						Lease Burns					1-21	Well Nu	ımper	
County Location Clark C NW/4				Section 21	\					RNG (E/W) 25W ·			Acres Attributed 160				
Field McKinney				Reservoir Morrow	Reservoir Morrow			Gas Gathering Conn DCP Midstream			ection						
Completion Date 12-21-2000					Plug Bac 5850	Plug Back Total Depth 5850			h Packer Set at none								
Casing S 4.5"	asing Size Weight 5" 10.5#					Internal Diameter 4.05"			Set at 5808 '			orations 34-5688		то 5717-5737			
Tubing Si 2 3/8"	ubing Size Weight 3/8" 4:7#					Internal Diameter 1.995"			Set at 5682		Perf	Perforations			То		
Type Completion (Describe) Acid Frac						Type Fluid Production Salt Water			Pump Unit or Traveling Pumping Unit			g Plunger? Yes / No					
Producing Thru (Annulus / Tubing)					% C	% Carbon Dioxide				% Nitrogen			Gas Gravity - G _g				
Vertical D	epth(H	1.Z	45				F	ress	sure Taps			• •		(Meter I	Run) (P	rover) Size	
			o 8-	14			:30 am	<u>.</u>		8-	15	20	14 .	9:30 aı	m .	/AAAA /	
Pressure Well on L												20 20					
vveii on L	inie.		Started			at			(AIVI) (FIVI)	iakeii		20	ai		(——————————————————————————————————————	
			6:1	_			OBSE	RVE	SURFAC				Duration	n of Shut-	in	Hours	
Static / Dynamic Property	Orifice Size (inches)		Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Wellh (P _w)	Tubing Wellhead Pressure $(P_w) \text{ or } (P_t) \text{ or } (P_c)$ psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						150	psia	psig	psia					
Flow																	
							FLOW	STR	EAM ATTR	IBUTES							
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Extension Fa		vity Te		Flowing emperature Factor F ₁₁	Fa	ation ctor	Metered Flov R (Mcfd)	w GOR (Cubic Fee Barrel)		et/	Flowing Fluid Gravity G _m		
						<u> </u>								· 			
್ಯ)² =			(P _w) ² :	=		(OPEN FLO		LIVE %	· ·) CALCUL ² c - 14.4) +					² = 0.2 ² =	07	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Cho	ose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² iled by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide	P _c ² - P _w ²		Backpressure Curve Slope = "n" or Assigned Standard Slope			n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flov					Model @ 14	SE pois			Deliverab	ilita			Mofel @	14.65 psi			
					Mcfd @ 14.												
		-	•		ehalf of the report is true				•	d ,	day of _	he above repo	ort and th	nat he ha		ledge of	
			\A21	///	A.				_	Wa	llace		Ki	pne	4	Received	
			Witness	ur any	/) 								Compalhy	KA	NSAS CO	RPORATION CO	
			For Com	nissio	on				_			Chec	ked by		1.10	38/ 10 20	

NOV 1 0 2014

,	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 Red Hills Resources, Inc. 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 Burns #1-21 gas well on the grounds that said well:
	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: November 3, 2014 Signature: Liallan M. M. Kunney Title: Director

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.

Received KANSAS CORPORATION COMMISSION