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KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	: en Flow	,				See Instructi	ions on Rev	erse Side	•			
Del	iverabil	ty			Test Date October	: 22, 2013				l No. 15 5-20760 -00	00	
Company Red Hills		urces,	Inc.				Lease Theis				1-22	Well Number
County Location Clark CNE/4			Section 22	ı	TWP 34S	, ,		Acres Attributed 320				
Field McKinney			Reservoir Chester			Gas Gathering Connecti DCP Midstream		ection				
Completion Date 1/18/1984					k Total Deptl 85.6	h ·		Packer Set at none				
Casing Size Weight 4.5" 10.5#				Internal Diameter 4.05"		Set at 5856		Perforations 5671-5676		то 5706-5718		
Tubing Size Weight 2.3/8" 4.7#				Internal E 1.995"	Diameter	Set at 5770		Perforations		То		
Type Completion (Describe) Acid Frac				Type Flui Salt W		Pump Unit or Traveling Pumping Unit		Plunger?. Yes / No				
Producing Annulus		(Annulu	ıs / Tubing)	t	% C	arbon Dioxid	de :		% Nitro	gen	Gas Gı	avity - G _g
Vertical D	epth(H))			n CO a destructura e manuscrista e a com com A mara destructura e a companyo e a co	Press	sure Taps	atuatat - No. to 17, 45, assaultitutus			(Meter	Run) (Prover) Size
Pressure	Buildup	: Shu	ıt in 10-22	2	13 at 9	:30am	(AM) (PM)	Taken 10)-23	20	13 _{at} 9:30ar	n (AM) (PM)
Well on Li	ne:	Sta	rted	. 20) at		(AM) (PM)	Taken		20	at	(AM) (PM)
						OBSERVE	D SURFACE	DATA		• .	Duration of Shut	inHour
Static / Dynamic Property	mic Size		Circle one: Meter over Pressure psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t		Casing Wellhead Pressure (P_w) or (P_i) or (P_c) psig psia		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)
Shut-In				2			70	psia	psig	psia		
Flow												
		Circ	te one:		· · · · · · · · · · · · · · · · · · ·	FLOW STRI	EAM ATTRIE	BUTES				
Plate Coeffiecient (F _b) (F _p) Mcfd		Meter or Prover Pressure psia		Press Extension P _m xh	Grav Fact F _g	or Te	Flowing emperature Factor F _{II}	Fa	iation ctor	Metered Flow R (Mcfd)	(Cubic Fe Barrel)	Gravity
					<u> </u>	/						
(P _c) ² =	•	:	(P _w) ² =	:	P _d =	OW) (DELIVE		- 14.4) +		:	(P _e)	² = 0.207
(P _c) ² - (F or (P _c) ² - (F		(P _c) ² ~ (P _w) ²		1. P _c ² - P _d ² 2. P _c ² - P _d ²	2 - P 2 LOG of formula 1 or 2: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Backpressure C Slope = "n"		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mctd)
			. divi	ded by: $P_c^2 - P_w^2$	by:		Standai	d Slope			**************************************	(Word)
	.											
Open Flow Mcfd @ 14.			65 psia Delive			rability Mc		Mcfd @ 14.65 ps	ofd @ 14.65 psia			
											rt and that he ha	
ne facts st	ated the	erein, a	ind that said	report is true	and correct	t. Executed t	this the 25t	in /	day of	lovember .	m N	20 13
			Witness (if an	y)	Aldress of the state of the sta			Wa	<u>ul</u>	ice /	MACL Ompany	*KCC W
			For Commissi	on .						Chec	ked by	DFC 114

•	
I declare under penalty of	perjury under the laws of the state of Kansas that I am authorized to request
xempt status under Rule K.A.F	R. 82-3-304 on behalf of the operator Red Hills Resources, Inc.
nd that the foregoing pressur	e information and statements contained on this application form are true and
orrect to the best of my knowle	edge and belief based upon available production summaries and lease records
equipment installation and/or	upon type of completion or upon use being made of the gas well herein named.
I hereby request a one-yea	r exemption from open flow testing for the Theis #1-22
as well on the grounds that sa	
(Check one)	
	methane producer
<u></u>	plunger lift due to water
	of natural gas for injection into an oil reservoir undergoing ER
<u></u>	n at the present time; KCC approval Docket No
✓ is not capac	ole 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
	ate this claim for exemption from testing.
	and the stand of chest pass, not to be say,
November 20, 2012	
ate: November 28. 2013	
	Signature: Wallow To M. Travey
	Title: Vice-President /

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.

KCC WICHITA

DEC 04 2013

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