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KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:			. (See Instruct	tions on Re	verse Side)	,			r e
√ Op	en Flow			Test Date	• • • • • • • • • • • • • • • • • • • •			ΔPi	No. 15		
Del	liverabilt	у	•		17, 948 🕹	10/3			5-21218 -06	000	
Company Red Hills		ırces, Inc.				Lease Burns	,			1-21	Well Number
County Clark		Local CNW/4		Section 21		TWP 34S		RNG (E. 25W	/W)		Acres Attributed 160
^{ield} IcKinne	;y	THE RESERVE THE PARTY OF THE PA	-	Reservoir Morrow	ſ				hering Conne li dstream	ection	1
Completic 2/21/20				Plug Bac 5850	k Total Dept	h		Packer S none	Set at		And the shade about the same services and the same services to seek about
asing Si .5"	ize			то 5717-	5737						
ubing Si	ibing Size Weight 4.7#		Internal Diameter 1.995"				Perfo	rations	То	and the first transfer and tran	
Type Completion (Describe) Acid Frac		Type Fluid Production Salt Water									
Producing Thru (Annulus / Tubing) Annlus			% Carbon Dioxide			% Nitrog	jen	Gas Gr	avity - G _g .		
Vertical D	epth(H)		-		. Pres	sure Taps		-1 -4		(Meter I	Run) (Prover) Size
oressure	Buildup:	Shut in 10	-17 20	13 at 9	:30 am	(AM) (PM)	Taken 10	-18	20	13 _{at} 9:30 a	m (AM) (PM)
Well on Li	ine:	Started) at		(AM) (PM)				at	
					OBSERVE	D SURFAC					in Hours
Static / Dynamic Property	Orifice Size (inches) Circle one: Meter Pressure Differential in psig (Pm) Inches H ₂ 0		Differential in	Flowing Well Head Temperature t t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Wellhe	Tubing pad Pressure (P ₁) or (P ₃)	Duration (Hours)	Liquid Produced. (Barrels)
Shut-In			2			120	psia	haid	psia		
Flow .					,		·				
·			· · · · · · · · · · · · · · · · · · ·	Т.	FLOW STR	EAM ATTE	RIBUTES			***************************************	
Plate Coeffieci (F _b) (F Mcfd	ient	Circle one: Meter or Prover Pressure psia	Press Extension Pmxh	Grav Fact	tor 1	Flowing femperature Factor F _{II}	Devia Fac	tor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Consider
~ \ 2			* *		OW) (DELIV					. ".	² = 0.207
P _c) ² =		: (P _w) ² =	Choose formula 1 or 2:	. P _a =		7	P _c - 14.4) +	14.4 ==		(P _d)	· =
$(P_c)^2 - (P_g)^2$ or $(P_c)^2 - (P_g)^2$		$(P_c)^2 - (P_w)^2$ 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_a^2$		LOG of formula 1. or 2. and divide by:		Backpressure Curve Slope = "n" Or Assigned Standard Slope		n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (McId)
									,,		magaminis ar raphir in adam-sistemas de a soundisce sugarent etimpos .
open Flov	N		Mcfd @ 14.6	5 psia		Deliveral	oility	·		Mcfd @ 14.65 psi	a .
								_		rt and that he ha	•
ie facts st	ated the	rein, and that s	aid report is true	and correc	t. Executed	this the 2	<u>nd .</u> c	lay of	ecember	en angen an en angen an en	20 13
	***************************************		(A)	<u></u>			W	all	are \$	McKe	EN-KOC M
:		Witness ((if any)			• ;			For C	ompany	~~ 7.00 W
***************************************	** ***	For Comm	nission	,		. · ·		**************************************	Chec	ked by	DEC 04

		-	e state of Kansas that perator Red Hills Reso	am authorized to request urces, Inc.
and that the fore correct to the bes of equipment inst	going pressure info t of my knowledge allation and/or upor	ormation and statemen and belief based upon a n type of completion or u	ts contained on this apavailable production sur	plication form are true and nmaries and lease records the gas well herein named.
(Check	is a coalbed metric is cycled on plunding a source of nations on vacuum at the	nane producer ger lift due to water ural gas for injection in he present time; KCC a	to an oil reservoir under pproval Docket No te in excess of 250 mcf/	this same makes the same as the same makes the same makes and the same makes and the same same same same same same same sam
•		est of my ability any ar is claim for exemption		ents deemed by Commission
Date: December	2, 2013			
		Signature: <u>L</u>		reKenney

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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