KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:					(3	see instru	ctions on Hev	erse Side,	,				
	en Flo iveral				Test Date: 06-05-20					No. 15 22761-0000			
Company			JRCES, INC.		00-03-20		Lease HACKB	ERRY			#7-8	/ell Number	
County BARBER	ounty Location				Section 7		TWP 35S			 W)	Acres Attributed 160		
Field AETNA GAS AREA					Reservoir MISSISS	SIPPIAN			Gas Gathering Connection ATLAS GAS PIPELINE				
				Plug Back 5315'	Total De	pth	Packer Set at N/A		et at				
Casing Size Weight 15.5 10.50#			· · · · · · · · · · · · · · · · · · ·	Internal Diameter 3.876"		Set at 5350'		Perforations 5173'		то 5270'			
Tubing Size Weigh 2.375 4.7#			Weight 4.7#	Internal Diameter 1.995"			Set a 5161		Perforations		То		
					•	Type Fluid Production CRUDE OIL/SW			Pump Unit or Traveling Plunge PUMPING UNIT				
Producing		u (Anr	nulus / Tubing)		% C	arbon Dio	oxide		% Nitroge	en	Gas Gra	vity - G _g	
Vertical D		(H)		<u> </u>		Pre	essure Taps				(Meter R	lun) (Prover) Size	
Pressure	Build	lup:	Shut in 06-05	5 2	0_13_at_4	00PM	(AM) (PM)	Taken_06	5-06	20	13 at 4:00PM	(AM) (PM)	
Well on Li	ine:		Started	20	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
					·	OBSER	VED SURFAC	E DATA			Duration of Shut-i	n 24 Hours	
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Pressure psig (Pm)	Pressure Flowing Temperatu		Well Head Temperatu t	Wellhead (P _w) or (P	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		ubing ad Pressure r (P _c) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			psig (FIII)	inches H ₂ 0			psig 900	psia	psig	psia			
Flow													
						FLOW S	TREAM ATTR	IBUTES				KCC WICK	
Plate Coeffiec (F _b) (F Mcfd	ient ,)	Circle one: Meter or Prover Pressure psia		Press Grav Extension Fact ✓ P _m x h F _c		tor Temperatu		perature Factor		Metered Flow R (Mcfd)		(Cubic Feet UN 2 Fluid	
1,7,0,0		+	·									RECEIVED	
			1		(OPEN FL	OW) (DEL	IVERABILITY) CALCUI	LATIONS			2 = 0.207	
(P _c) ² =		<u> </u>	(P _w) ² =	: noose formula 1 or 2	P _d =			P _c - 14.4) -		:	(P _d) ²		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(1	P _c)²-(P _w)²	1. P ₂ ² -P ₄ ² 2. P ₂ ² -P _d ² dided by: P ₂ ² -P ₂ ² by:		Backpressure C Slope = "n" or Assigned Standard Slop		pe = "n" or ssigned	n x LOG		Antilog De Equal:	Open Flow Deliverability Equals R x Antilog (Mcfd)	
L								1. 104				<u> </u>	
Open Flo				Mcfd @ 14			Deliveral				Mcfd @ 14.65 psi		
			id authority, on in, and that said								ort and that he ha	as knowledge of, 20 <u>13</u>	
				,									
	_		Witness (if a	iny)	-		_ ,			For 0	Company		
			For Commis	sion			-		 :	Che	cked by		

ate: 06/18/2013		gnature:	M Juan	4	KCC WIC JUN 27 2 RECEIVE			
taff as necessary to c	upply to the best of my orroborate this claim fo			ments deemed by	Commission			
√ is n	ot capable of producing	g at a daily rat	e in excess of 250 mo	ef/D				
<u> </u>	n vacuum at the presen				_			
'	source of natural gas fo		to an oil reservoir und	ergoing ER				
<u></u>	coalbed methane produ rcled on plunger lift due							
(Check one)	المصالم منالم	lugar.						
as well on the ground	s that said well:							
	one-year exemption from	om open flow to	esting for the HACKE	SERRY #/-8				
f equipment installation and/or upon type of completion or upon use being made of the gas well herein named.								
	knowledge and belief							
nd that the foregoing	pressure information a	and statement	s contained on this a	pplication form are	true and			
r deciare under per cempt status under Ru	le K.A.R. 82-3-304 on b	pehalf of the or	e state of Kansas that perator <u>REDLAND RI</u>	ESOURCES, INC.				

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.