KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:					6	See Instructi	ions on Re	verse Side)			
= .	en Flo					Test Date):		API No. 15				
	iverat	oilty 				12-17-20	013			033	3-21374-00		
Company ARES Ene		td., 40	05 N. Marien	feld, Sui	ite 250, M	idland, TX 7	9701	Lease City of	Coldwa	ter		23-10	Vell Number
County Coman	che		Loca N2S E		Section 23			TWP RNG (E/V 32S 19W		W)	Acres Attributed 160		
Field Colter N	North	wes	st			Reservoir Mississ				Gas Gat	hering Connec	ction	
Completic 12-11-2		le				Plug Baci 5,410'	k Total Dept	h		Packer S	Set at		
Casing Size 5-1/2"			Weig 15.5		Internal Diamet 4.95"			r Set at 5,907'		Perforations 5,134'		то 5,181' ОА	
Tubing Size			Weig		Internal Diameter			Set at 5,412'		Perforations		То	
2.375" Type Com	pletio	n (De	4.70	#		1.995 Type Fluid	d Production	-		Pump Un	it or Traveling I	Plunger? Yes	/ No
Pumpin	•					Water				Pump Unit or Traveling Plunger? Yes / No Pumping Unit			
_	•	(Anr	nulus / Tubir	ng)		% C	arbon Dioxid	de		% Nitrogen Gas Gravity - G _q			
Annulus Vertical D							Proce	sure Taps				(Meter F	Run) (Prover) Size
TOTAL D	CPI.III	''					1 7030	out Tups				(MCIDI I	idi) (i 1076) (i20
Pressure	Buildu	ıp:	Shut in 12	-16	20	13 at 9:	00 AM	(AM) (PM)	Taken 12	-17	20 _	13 _{at} 9:00 Al	VI (AM) (PM)
Well on Li	ine:	;	Started 12	-17	20	13 at 9:	MA 00:	(AM) (PM)	Taken		20 _	at	(AM) (PM)
· · · · · · · · · · · · · · · · · · ·							OBSERVE	D SURFACE	E DATA		, c	Duration of Shut-i	n_24Hours
Static /	Orif Siz		Circle one: Meter		ressure ferential	Flowing Temperature	Well Head	Cas Wellhead		i .	ubing ad Pressure	Duration	Liquid Produced
Dynamic Property	(inch		Prover Press psig (Pm)		in hes H _a 0	t	Temperature t	(P _w) or (P	psia		(P _t) or (P _c)	(Hours)	(Barrets)
Shut-In			, , ,		2			psig 130	144.65	psig	psia		
Flow													
				•			FLOW STR	EAM ATTR	IBUTES		,		
Plate Coeffieci (F _b) (F	ent		Circle one: Meter or over Pressure psia	Ext	Press tension P _m x h	Grav Fact F _p	or T	femperature Fa		iation Metered F		GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G_m
<u> </u>				1		(OPEN FLO	OW) (DELIVE	ERABILITY	CALCUL	ATIONS			0.007
(P _c) ² =		:	(P _w)2:	=_	:	$P_d = 1$	%) - 14.4) +		:	(P _a) ² (P _d) ²	= 0.207 =
(P _c) ² - (F	,") ₅	(P _e) ² - (P _w) ²		1. P	2. P ² -P ² 1. P ² -P ² 2. P ² -P ² 1. or and the		P.2-P.2	Backpres Slop Ass	Backpressure Curve Slope = "n" Assigned Standard Slope		.og	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
				анава бу	y: P _c ² - P _w ²	by:		granta	ara siope				
Open Flov	٧			Mcf	fd @ 14.6	55 psia		Deliverab	ility		M	lcfd @ 14.65 psia	<u> </u>
		-	•				tates that he	•			ecemper e above report	and that he had	s knowledge of, 20_13
16013 31	LIQU I	. 10101	, with filet s	aid topt	orrig tide	and condu	EXECUIED	1110 HIV	· \	.uy VI			
			Witness	(if any)				_			For Co	прапу	
			For Com	mission							Check	ed by	KCC WICH

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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 ARES Energy, Ltd. Indicated 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 City of Coldwater 23-10 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. vising 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 Commiss staff as necessary to corroborate this claim for exemption from testing. December 19, 2013		
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	Date: December 19, 2013	•
Signature: Newy N. Clarton	Pate	
Signature: Newy V. Clarton		
		Signature: Henry N. Clanton
Title: Henry N. Clanton, Managing Partner		Title: Henry N. Clanton, Managing Partner

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.

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