RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

_ :	: en Flow liverabilt	у			Test Date 4/9/201	∋ :	uctions on Re	everse Side	, API	No. 15 7 -23563 - 0	000			
Company Hart Energies, LLC					4/9/201	<u>. </u>	Lease Miss S	haron	-00	7-23303 6	·	Well Nun	nber	
County Location Barber SE NW NW SE				Section 22		TWP 34S			/W)		Acres At	tributed		
Field Knorp				Reservoi			Gas Gathering Conne Lumen-WWGG							
Completion Date 8/3/10				Plug Bac 4973	k Total De	epth	Packer Set at none							
Casing Size Weight 5.5" 15.5				Internal (Diameter		Set at 4973		rations 3	To 4683		, v		
Tubing Size Weight 2 7/8				Internal [Diameter	Set 45 5				То				
Type Completion (Describe) single				Type Flui oil / sw	d Product	ion	Pump Unit or Traveling yes. PU		Plunger? Yes	/ No				
Producing Thru (Annulus / Tubing) annulus					% c .1093	Carbon Dic	oxide	% Nitrogen 1.3141		Gas Gravity - G _g . 636		3		
Vertical Depth(H)						Pro	essure Taps			(Meter Run) (Prover) Size 2"				
Pressure	Buildup:	Shut in _	1/1/20	013 20	0at_3	PM	(AM) (PM)	Taken_4/	9/2013	20	at_3 PM	(A	M) (PM)	
Well on Li	ine:	Started _		20) at						at	(/	M) (PM)	
	_					OBSER\	/ED SURFAC	E DATA			Duration of Shut-	_{in} 192	Hours	
Static / Dynamic Property	Orifice Size (inches	Mete Prover Pr	Circle one: Meter Prover Pressure psig (Pm)		Flowing Temperature t	Weil Head Temperature t	Wellhead	Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing ead Pressure r (P _t) or (P _c)	Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	-	' ' '		Inches H ₂ 0			30	psia	psig	psia	192	192		
Flow														
	- 1					FLOW ST	TREAM ATT	RIBUTES				·		
Plate Coeffieci (F _b) (F _p Mcfd	ent ,)	Citcle one: Meter or Prover Pressure psia		Press Extension ✓ P _m xh	Grav Fac	tor	Flowing Temperature Factor F _{ft}	Fa	riation actor = pv	Metered Flow R (Mcfd)	w GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
				· ···										
(P _c) ² =		: (P) ² ==	:	(OPEN FL		IVERABILIT' % (Y) CALCUL (P _c - 14.4) +		:	(P _a)	² = 0.20	7	
(P _c) ² - (P or (P _c) ² - (P	i	(P _c) ² - (P _w) ²		ose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ²	LOG of formula 1. or 2. and divide		Backpri Sk	Backpressure Curve Slope = "n" or Assigned		LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
			divid	ded by: P _c ² - P _w ²	by:		J Stan	dard Slope				(1)	nolu)	
											<u> </u>			
Open Flow Mcfd @ 14.65				35 psia		Delivera	Deliverability		Mcfd @ 14.65 ps		sia			
				ehalf of the report is true					o make the	, A.	ort and that he ha	as knowle	-	
		Witne	ess (if any	у)		.			اک کر	For C	Company	KCC	: WICH	
		For C	ommissio	on						Che	cked by	APF	} 1 1 2 0	

	ler penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator Hart Energies, LLC
	going pressure information and statements contained on this application form are true and
correct to the bes	t of my knowledge and belief based upon available production summaries and lease records
	allation and/or upon type of completion or upon use being made of the gas well herein named.
	est a one-year exemption from open flow testing for the Miss Sharon #1
jas well on the gi	rounds that said well:
(Check	cone)
	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 agre	e to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessar	y to corroborate this claim for exemption from testing.
Date: 4/7/2014	
	Signature:

Instructions:

, a by

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.

APR 11 2014