KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instructions on Reverse Side)								
✓ Open Flow					, ,								
Deliverabilty			Test Date	e: ///	12/20	0/4		No. 15 5-21487 — 0 0	000				
Company Hesse Petroleum Company, LLC					Leas Dale				AMMANACE POCES MENA SACTA ANTENNA A ARE	1-27	Well Number 1-27		
County Location Reno NW/4			on	Section 27		TWP 24S		RNG (E/W) 9W		Acres Attributed 40			
Fíeld Plevna					Reservoir Mississippi			Gas Gathering Connection West Wichita Gas Gathering					
Completion Date 2005				Plug Bac	Plug Back Total Depth				Set at				
Casing Size Weight 5 1/2" 14#				Internal I	Diameter	Set at 3978		Perforations 3796'		то 3806'			
Tubing Size Weight 2 3/8"				Internal I	Diameter	Set at	Set at 3666'		rations	То			
Type Completion (Describe)						Type Fluid Production Saltwater				Pump Unit or Traveling Plunger? Yes / No Pumping Unit			
Gas Producing Thru (Annulus / Tubing)						% Carbon Dioxide				% Nitrogen Gas Gravity - G			
Annulus					/0 C	% Carbon bloxide					Manage = 400 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 -	•	
Vertical Depth(H) Pressure Taps (Meter Run) (Prover) Size													
Pressure Bulldup: Shut in 1//1/ 20/4 at 10:15 (AM) (PM) Taken 1//12 20/4 at 10:15 (AM) (PM)													
Well on Line: Started 20 at (AM) (PM) Taken 20 at (AM) (PM)													
						OBSERVE	D SURFACE	DATA			Duration of Shut-	inHours	
Static / Dynamic Property			Circle one: Meter Prover Pressu		Flowing Well Head Temperature t t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P_w) or (P_t) or (P_a)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H ₂ 0	20°		psig psia 530 544,4		psig psia		24	24	
Flow													
			•			FLOW STR	EAM ATTRIE	SUTES					
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m xh	Grav Fac F	tor 7	Temperature Factor		iation Metered Flov ctor R F _{pv} (Mcfd)		GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G _m	
							,	<u></u>					
(P _a) ² =			(P _w) ² =				ERABILITY)	CALCUL - 14.4) +			(P _a) ⁽	² = 0.207	
<u></u> ره ۲۰	1	=:-		Chaose formula 1 or 2	P _d =		T		 - - - 		(L ^q)]	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		1		1. P _c ² -P _a ² 2. P _c ² -P _c ² divided by: P _c ² -P _c ²	LOG of formula 1. or 2. and divide p2.p		Backpressure Curv Slope = "n"or Assigned Standard Slope		n x toe		Antilog .	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				awada by. 1 c 1 w		لبيسم حسسا	0.0	<u> </u>	- 				
			,										
Open Flow	N			Mcfd @ 14.	65 psia	5 psia		Deliverability		Mcfd @ 14.65 psia			
				behalf of the	and correc	Executed	this the	-	make-th	e above repor	t and that he ha	s,knowledge of ,	
			Witness (ii	any)	-ANONS CC	PRECRATION C			-17	For Co	ompany		
			For Comm	ssion	UL	C 24 2	U14 —		/_	Check	Ked by		

CONSERVATION DIVISION WICHITA, KS

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 Hesse Petroleum Company, LLC and 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 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 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 Commission staff as necessary to corroborate this claim for exemption from testing Date: 12/15/2014
Signature: Title: 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.