KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	st: pen Fi	iow					(See Ir	nstruci	tions on Re	everse Sid	θ)						
	elivera					Test Dat	e:	12	-//-2	1013		l No. 15 5- 2520: 2!	210-	00 00			
Compan									Lease		10	J-822-0-6 E.	,210	2400	Well N	lumber	
		eum	Company	LL	С				Hinsha	w			· ·	1	~~~		
County Reno	•			Section 17			TWP 24S		RNG (E/W) 9W			16		Attributed			
Field Plevna						Reservoir Mississippi					Gas Gathering Connection West Wichita Gas Gathering						
Completi 1994	ion Da	ate				Plug Bad 3756'	* Total	Dept	ħ		Packer	Set at					
Casing Size Welght 4 1/2" 10.5#				Internal Diameter			Set at 3890'		Perforations 3738'			то 3756'					
Tubing S 2 3/8"	Size		Weig	ht		Internal	Diamet	er	Set 374		Perfo	orations		To			
Type Cor Gas	escribe)				Type Fluid Production Saltwater					Pump Unit or Traveling Plunger? Yes / No Pumping Unit							
	-	u (An	nulus / Tubi	ng)		% (arbon	Dioxid	de		% Nitrog	gen		Gas G	ravity -	G _g	
Annulus		- LIV			······································			Cross	Topo					/8.600-	D > /5	Oi	
Verticai E	-ahru(ii)						riess	sure Taps					(Meter	nun) (ř	Prover) Size	
Pressure	Builde	up:	Shut in	12	•								B at.	11:0	00	(AM)(PM)	
Well on L	Line:		Started		2	0 at		•••••	(AM) (PM)	Taken		20	at .			(AM) (PM)	
						·	OBSI	ERVEI	SURFAC	E DATA			Duration	of Shut	-in	Hours	
			Matar		Pressure Differential	Flowing	Well Head Temperature t		(P_w) or (P_t) or (P_σ)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _s)		Dur	Duration		Liquid Produced	
		Size inches) Prover Pres psig (Pri			in	Temperature t							(Hours)		(Barrels)		
Shut-in		psig			Inches H ₂ 0		240		psig	psla	psig	psia	7/				
Silut-III				_			269		180	1944		-	24				
Flow																	
		·		1			FLOW	STR	EAM ATTR	IBUTES						<u> </u>	
Plate Coeffieci (F _b) (F Mcfd	ient ,,)	Circle one: Mater or Prover Pressure psia		Press Extension ✓ P _m x h		Gravity Factor F _g		Flowing Temperature Factor F,		Fa	iation ctor	Metered Flov R (Mcfd)	v	GOR (Cubic Fee Barrel)		Flowing Fiuld Gravity G _m	
															·		
P _e) ² =		_:	(P _w)²:		:	(OPEN FLO	OW) (D	ELIVE) CALCUL.		:	•	(P _s) (P _d)	² = 0.2	07	
$(P_c)^2 \cdot (P_e)^2$ or $(P_c)^2 \cdot (P_d)^2$		(P _a) ² - (P _w) ²		Choose formula 1 or 2: 1. P _c ² - P _d ² 2. P _c ² - P _d ²		LOG of formula 1. or 2. and divide	<u> </u>		Backpressure Curve Slope = "n" Or Assigned		n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog		
				divid	ed by: P _c - P _w	by:	P _e 2- P	*	Stand	ard Slope		ا ا				(Mcfd)	
Open Flov	N				Mcfd @ 14.6	35 nela			Deliverab	llity			Mofet @ 1	14 85 oci	10		
		iared	authority -				atas #	.a. b	······································							6 m al m m = - 0	
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			Witness (lf game				_	_		ها ا	11		/-	KC	C WIC	
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			For Comm	ilssior				_	_			Chec	ked by		UE	C 2 3 2 1	

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: 12/20/2013
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.