KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:					(See Instruc	tions on Rev	rerse Side	9)			
_ :	en Fic liverat				Test Date	e: /				No. 15 -20840-00 -	00	
Company		pera	ting, Inc.			•	Lease Barker				1-10	Well Number
County Greeley			Locat SW/SV		Section 10		TWP 19S		RNG (E/W) 40W		Acres Attributed	
Field Bradsha					Reservoi Winfield					hering Conn Midstream		
Completion 6/30/06	on Da	te	. <u> </u>	-	Plug Bac 2965	k Total Dep	th		Packer S None	Set at		·
Casing S 4-1/2	ize		Weigi 10.5	ht	internal (4.000	Diameter	Set a 2965		Perfo 287	rations 9	To 2930	······································
Tubing S. 2-3/8	Tubing Size 2-3/8		Weigl 4.7	ht	Internal I 1.995	Internal Diameter 1.995		Set at 2932		rations	То	
Type Con Single	npletio	n (De	escribe)		Type Flui Water	d Production	n	<u>-</u>	Pump Ui Yes	nit or Traveling	Plunger? Yes	/ No
Producing	-	(Anı	nulus / Tubin	g)	% (arbon Dioxi	lde		% Nitrog	en	Gas Gr	avity - G
Vertical D		1)		· · · · · · · · · · · · · · · · · · ·		Pres	sure Taps				(Meter I	Run) (Prover) Size
Pressure	Buildu	ıp:	Shut in	4-6 2	0 <u>//</u> at_/	0:30	(AM) (PM)	Taken	4-	720	// at /0.5	BO (AN) (PM)
Well on L	ine:					. `					at	•
			····			OBSERVE	D SURFACE	DATA			Duration of Shut-	In <u>24</u> Hours
Static / Dynamic Property	Orifi Siz (inch	:е	Circle one: Meter Prover Press psig (Pm)		Flowing Temperature t	Well Head Temperature t	(P _w) or (P _t	ressure) or (P _c)	Wellhe	fubing ad Pressure r (P _t) or (P _g)	Duration (Hours)	Liquid Produced (Barrels)
Shut-In			post (m)			,	palg	58.1	psig	psla	24	
Flow												
	 i			1		FLOW STR	EAM ATTRI	BUTES	I			· · · · · · · · · · · · · · · · · · ·
Plate Coefflec (F _b) (F Mcfd	lent ,)	Pro	Circle one: Meter or ever Pressure psia	Press Extension	Grav Fact F ₄	or 1	Flowing Femperature Factor F _r	Fa	iation ctor :	Metered Flow R (Mcfd)	v GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G _m
	l			1	(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(D.)	= 0.207
(P _c) ² =		_:_	(P _w) ² =		P _d =	9	% (P	- 14.4) +	14.4 =	:	(P _a);	
(P _e) ² · (I or (P _e) ² · (I	- 1	(P) _e)²- (P _w)²	Choose formula 1 or 2 1. P _c ² - P _s ² 2. P _c ² - P _d ² divided by: P _c ² - P _s ²	LOG of formula 1, or 2. and divide	P.2. P.2	Slope	sure Curve = "n" or gned rd Slope	nx	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
							<u> </u>					
Open Flor	<u> </u> w		i	Mcfd @ 14.	65 psia		Deliverabil	ity			Mcfd @ 14.65 psi	
		ignec	d authority, o			tates that h		•	make th		rt and that he ha	· · · · · · · · · · · · · · · · · · ·
the facts s	tated t	herei	n, and that s	aid report is true	and correc	t. Executed	this the	8_	day of	June	<u>/</u>	, 20 <u>//</u> .
			Witness (if any)	 	·	_	_Q	anil		OMOGRA .	RECEIVED
			For Comm				-	V			// J{	JN 1 0 2011
	,										KC	C WICHITA

i	declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exemp	ot status under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
	at the foregoing pressure information and statements contained on this application form are true and
correc	t to the best of my knowledge and belief based upon available production summaries and lease records
of equ	ipment installation and/or upon type of completion or upon use being made of the gas well herein named.
l h	ereby request a one-year exemption from open flow testing for the Barker 1-10
gas w	ell 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
l fe	urther agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff a	s necessary to corroborate this claim for exemption from testing.
Date:	6-8-11
	$O \cdot O \cdot I$
	Signature: (MAIA), FIDVIII
	Signature:
	Signature:

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.