KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(See Instruct	ions on Rev	erse Side	e)		4		
□ o _p	en Flo	w								. M 46			
Deliverability			Test Date	<u> </u>	API No. 15 071-20836-00-00				00				
Company		era	tina, Inc.		0) 9) 1		Lease Campbe				3-13	Well Nu	mber
County Greeley			Location SE SE SE		Section 13		TWP 19S		RNG (E/W) 41W			Acres A	ttributed
Field Bradshaw					Reservoir Winfield			Gas Ga DCP M		athering Connection Midetream			
Completion 9/27/05	on Dat	8		:	Plug Bac 2936	k Total Dept	h		Packer	Set at			
Casing Size 4.5			Weight 10.5		Internal Diameter 4.052		Set at 2940		Perforations 2885 2886-2891		т _о 91		<u></u>
Tubing Size 2.375			Weight 4.7		Internal Diameter 2.000					Perforations 2901-2913			
Type Completion (I Single			escribe)		Type Fluid Production Water					Pump Unit or Traveling Plunge Yes Rod		/ No	
Producing	-	(Ani	rulus / Tubing)	% C	arbon Dioxid	de		% Nitro	jen	Gas Gr	avity - G	q
Vertical C	epth(H	l)				Press Flanç	sure Taps Ge				(Meter I 2"	Run) (Pr	over) Size
Pressure	Buildu	p:	Shut in	2-1_2	0/2 at_	10:30	(AM) (PM)	Taken	2-	2 20	12 at 10:3	30	AN) (PM)
Well on L	.ine:		Started	2	0 at	· · · · · · · ·	(AM) (PM)	Taken		20	at	(AM) (PM)
						OBSERVE	D SURFACE	DATA	-		Duration of Shut-	in <u>2</u>	Hours
Static / Orifi Dynamic Siz Property (inch		Meter Prover Pressure			Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P_w) or (P_i) or (P_c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-in			psig (Pm)	Inches H ₂ 0			80	psła	psig	psia	24		
Flow	 -								<u> </u>			l	
	 -				 	FLOW STR	EAM ATTRI	BUTES					Shoule a
Plate Coefficient (F _b) (F _p) Mold		Pro	Circle one: Meter or ver Pressure psia	Press Extension	Grav Fac F	tor T	Temperature Fo		viation Metered Flor actor R F _{pv} (McId)		GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m
								<u> </u>					
(P _c) ² =			(P _*)² =_		(OPEN FL	OW) (DELIVI %	-		.ATIONS · 14.4 =		(P _a) ⁽	2 = 0.20 2 =)7
(P _a) ² • (F or (P _a) ² • (F	P _a)*		")² - (P _w)²	1. P _c ² -P _s ² 2. P _c ² -P _s ² vided by: P _c ² -P _s ²	LOG of formula 1. or 2. and divide	P _e ² - P _e ²	Backpres Slope Assi	sure Curve = "n" or gned rd Slope	ı a x	roe	Antilog	Ope Deliv Equals	en Flow verability A x Antilog Mcfd)
Open Flov	— ∨			Mcfd @ 14.	65 psia		Deliverabil	ity			Mcfd @ 14.65 psi	a .	
			authority, on	d report is true		RECE	this the	16	o make the day of	lpsil	rt and that he ha	s knowl	edge of 0 12.
		<u>. </u>	For Commis	zion		APR 1	8 2012 _			Chan	keritiv		

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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 Horseshoe Operating, Inc. 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 Campbell 3-13
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: 4/16/12
Signature: <u>Januel Ripley</u> Title: <u>Production Assistant</u>

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.