RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:			(-	See Instructi	ions on Rev	erse Side	?)				
Open Flow Deliverability			Test Date: API No. 15									
Company	 '		<u> </u>	-13-1	3	Lease		071-	-20803-00-00		Well Nur	nber
Horseshoe Operating, Inc.			Campbell			DNC (EA	A/\		Acres Attributed			
County Location Greeley NE		Section 13	13		19S 41		RNG (E/W) 41W					
Field Bradshaw			Reservoir Winfield			Gas Gathering Connection DCP Midstream						
Completic 1/26/05	on Date			Plug Bac 2958	k Total Depti	h		Packer S	et at	2012St 007.	9V	
Casing Size Weight			Internal Diameter 4.052		Set at 2963		Perforations 2873-85		то 2890-94			
Tubing Si	oing Size Weight		t	Internal Diameter 2.000		Set at 2932		Perforations 2907-19		То		
Type Completion (Describe) Single				Type Fluid Production Water				Pump Unit or Traveling Plunger? Yes / No Yes Rod				
_	g Thru (A	Annulus / Tubing	g)		arbon Dioxid	de		% Nitroge	en	Gas Gr	avity - G	i ₉
Annulus	5											
Vertical Depth(H)					Pressure Taps Flange				(Meter Run) (Prover) Size			
2960 Pressure	Builduo:	Shut in	2-12 2	0 13 at /	0:45	AM) (PM)	Taken	2-1	3 20/	3 at 10,14	45	Â M) (PM)
Well on L			2									
					OBSERVE	D SURFACE	DATA			uration of Shut-	in _	Hours
Static / Dynamic Property	Orifice Size (inches	Meter Prover Presso		Flowing Temperature t	Well Head Temperature t	nperature (P.) or (P.) or				Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	1.00	psig (Pm)	Inches H ₂ 0	· ·		psig 42	psia	psig	psia	24		
Flow	7.5											
					FLOW STR	REAM ATTR	BUTES					
Plate Coefficeient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia	eter or Extension Pressure		vity 1	Tomparahira		eviation Metered Flov Factor R F _{pv} (Mcfd)		v GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m
				(OPEN FL	OW) (DELIV	ERABILITY	CALCU	LATIONS		(P.) ² = 0.2	07
(P _c) ² =		: (P _w) ² =	·:	P _d =			c - 14.4)		;	(P _d		
(P _c) ² - (l or (P _c) ² - (l	P _a) ²	(P _c) 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	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Backpressure Cui Slope = "n" or Assigned Standard Slope		e n x I	roe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flow Mcfd @ 14.65 psia					sia Deliverability				N	Mcfd @ 14.65 psia		
		ned authority, o					uthorized	to make the	ne above repor	t and that he h		ledge of 20 13.
ne iacis s	ialed ine	eem, and mat s	aid report is tru	and confi	A. LACOUIGU	. WHO UTO		Danis	Le Ru	ileis.		
		Witness (if any)			-			Forg	empany / K	CCV	VICHI
		For Comr	niesion			-			Check	sed by	JUN 1	9 2013

	under penalty of perjury under the laws of the state of Kansas that I am authorized to request under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
and that the fi correct to the of equipment I hereby r	foregoing pressure information and statements contained on this application form are true and best of my knowledge and belief based upon available production summaries and lease records installation and/or upon type of completion or upon use being made of the gas well herein named. request a one-year exemption from open flow testing for the Campbell 2-13 are grounds that said well:
l further a	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 agree to supply to the best of my ability any and all supporting documents deemed by Commission ssary to corroborate this claim for exemption from testing.
Date: 6-/	
	Signature: Janice Ripley Title: Production Assistant

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.