KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				(See Instruc	tions on Re	everse Sid	e)		1			
= :	Flow erabilty	-		Test Date	74			1 API 15_	No. 15 07:1-2011	ว _่ ๓๐๓๐			
Company Horseshoe Operating, Inc.				<u>'1 J-/</u>		Lease Wear		15-071-20112 ~ 00			Well Number B-1		
County Greeley	•	Locatio C SW		Section 25			TWP 17S		RNG (E/W)		Acres Attributed 640		
Field Bradshaw			·		r field, U. F	t. Riley		Gas Gathering Connection DCP Midstream				_	
Completion Date 1/75			7	Plug Bac 3023	k Total Dep	h .		Packer Set at None					
easing Size Weight 9.5		!	Internal 0 3.995	Diameter	Set at 3023		Perforations 2941-2962			то <i>*</i> 2978-2 4 92			
Tubing Size Weight 2.375 4.7			_	Internal I	Diameter	Set at 2988		Perforations		To	То		
Type Completion (Describe) Single Gas				Type Flui Water	d Production	n .		Pump Un Yes	it or Traveling	Plunger? Yes / No			
Producing Thru (Annulus / Tubing) Annulus)	% Carbon Dioxide			% Nitrogen		Gas Gravity - G				
Vertical Dept	th(H)	,			Pres	sure Taps			<u>-</u>	(M	eter Run)	(Prover) Size	
Pressure Bui	ildup:	Shut in4	1-2_2	0 <u>/</u> #at	8;00	(AM) (PM)	Taken	43	20	# at_	8,00	(AM) (PM)	
Well on Line:	_	Started	2	0 at		(AM) (PM)	Taken		20	at		_ (AM) (PM)	
eus y si sia	<u>_</u>	サ		4		D SURFAC	E DATA			Duration of	Shut-in _	24 Hours	
Dynamic	Orifice Size nches)	Clicle one: Meter Prover Pressur	1 ""	Flowing Temperature t	Well Head Temperature			Wellhes	ubing d Pressure (P _I) or (P _E)	Duration (Hours)		Liquid Produced (Barrels)	
	00	psig (Pm) Inches		<u> </u>		psig psia		psig psia		24	24		
Flow	<u> </u>		 			-			 	01			
					FLOW STR	L LEAM ATTR	RIBUTES	1		<u> </u>		 -	
Plate Coeffiecient		Circle one: Press Meter or Extension		Gravity Factor		Temperature F		viation Metered Flor		v GOR		Flowing Fluid	
(F _b) (F _p) P Motd		psia P _m xh		F,		Factor F _{II}		F _{pv} (Mcfd)			Barrel)	Gravity G _m	
				OPEN EL C	OW) (DELIV	EDADII ITY	O CAL CIII	ATIONS	,				
$(P_{c})^{2} = (P_{w})^{2} = $: Pa=?				·		,		$(P_a)^2 = 0.207$ $(P_d)^2 = $		
$(P_a)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	(P	(P _w) ² - (P _w) ²	hoose formula 1 or 2: 1. $P_0^2 - P_2^2$ 2. $P_0^2 - P_0^2$ vided by; $P_0^2 - P_0^2$	LOG of formula 1, or 2, and divide by:	P _c ² -P _w ²	Slo As	essure Curve pe = "n" - or ssigned dard Slope	3	oe []	Antilog	0	Open Flow Deliverability als R x Antilog (Mcfd)	
												_	
				<u> </u>	p-								
Open Flow			Mcfd @ 14.6	65 psla		Deliveral	bility			Mcfd @ 14.6	35 psla		
		l authority, on				•	uthorized	,	e ebove repo	ort and that	he has kno	owledge of	
		n, and that said	· · · ,	and correct	- EXECUTED	uns me		day of _l MUC	B	pley	t Ko	<u> </u>	
_ <u>_</u>		Witness (if a	···		<u>-</u>	_	7			Уотралу (/		- WICH	
		For Commiss	sion						Che	cked by	AP	R 17 20	
			-								F	RECEIVE	

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 Wear B-1 gas well on the grounds that said well:
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: 4-15-14 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.

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