KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Туре Те	st:						(See Instruc	ctions on Re	everse Sid	e)				
=	pen Fi elivera		-			/-3-/); 				I No. 15 -071-20112	- 0 00 0		
Compar Horse:		Оре	erating, I	nc.		1 51	<u> </u>	Lease Wear			-071-20112		Well No	ımber
County Greele	Эy		Loc C SI	ation W		Section 25	····	TWP 17S		RNG (E 40W	/W)		Acres /	Attributed
Field Bradst	naw					Reservo L. Win	_{ir} field, U. F	Ft. Riley			thering Conne lidstream	ection		
Complet 1/75	ion Da	ite				Plug Bac 3023	ck Total Dep	ith		Packer None	Set at			*
Casing 5	Size	·-	Weight 9.5			Internal Diameter 3.995		Set at 3023		Perforations 2941-2962		To 2978-2992		
Tubing S 2.375	Size		Weight 4.7			Internal Diameter 1.995		Set at 2988		Perforations		То		
Type Cor Single		n (D	escribe)		· ·-	Type Flu Water	id Production	n		Pump U	nit or Traveling	Plunger? Yes	/ No	
Producin Annulu		(Anı	nulus / Tub	ing)		% (Carbon Dioxi	ide /		% Nitrog	en	Gas Gr	avity - (3 _p
Vertical E	Depth(I	H)				· · · · · · · · · · · · · · · · · · ·	Pres	sure Taps			,	(Meter I	Run) (Pi	rover) Size
Pressure	Buildu	ıp:	Shut in	/-	2 20	0/3 _{at_}	10:00	(AM) (PM)	Taken	1-3	20	13 at 10,0	0_1	(AM) (PM)
Well on L	ine:	;	Started		20) at		(AM) (PM)	Taken		20	at	•	(AM) (PM)
					-		OBSERVE	D SURFAC	E DATA			Duration of Shut-	in_ <u></u>	14 Hou
Static / Dynamic Property	Orif Siz (Inch	:e	Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H _a 0	Flowing Temperature t	Well Head Temperature t	(P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	1.0	0	, -3 (,,25			psig	psia 44	psig	psia	24		
Flow													<u>L</u>	
							FLOW STR		BUTES					Г
Plate Coefficient (F _b) (F _p) Mcfd			Circle one: Meter or Prover Pressure psia		Press Grav Extension Fact Pmxh Fg		tor Temperature		Fa	iation actor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m
	1					(OPEN FLO	OW) (DELIVI	ERABILITY) CALCUL	ATIONS	,	(P.)	2 = 0.20	07
(P _c) ² =		<u>:</u>	(P _w) ²		: se formula 1 or 2:	P _a =		% (I	_c - 14.4) +	14.4 =	:	(P _d) ²		
(P _c) ² - (F or (P _c) ² - (F		(P _e)² - (P _w)²	1. 2.	P _c ² -P _a ² P _c ² -P _a ²	LOG of formula 1. or 2. and divide by:	P _c ² -P _w ²	Šlo As	ssure Curve pe = "n" - or signed ard Slope		.og []	Antilog	Dell Equals	en Flow verability R x Antilog Mcfd)
	_													
Open Flow			}		Mcfd @ 14.6	5 psia	•	Deliverat	ility			Acfd @ 14.65 psi		
				on bel	half of the C	Company, st	tates that he RECI	e is duly a	uthorized to	o make the		t and that he ha		edge of
-			Witness	(if arry)			APR 1	1 1 2013	6	JUNUX	Forq	propany /		
			For Corn	mission				ATION DIVISI HITA, KS	ON		Chec	ked by		

	der penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
and that the fore	going pressure information and statements contained on this application form are true and
correct to the be	t of my knowledge and belief based upon available production summaries and lease records
	allation and/or upon type of completion or upon use being made of the gas well herein named.
l hereby requ	est a one-year exemption from open flow testing for the Wear B-1
gas well on the g	rounds that said well:
(0)	
(Chec	
<u>ا ـــا</u>	is a coalbed methane producer
<u> </u>	is cycled on plunger lift due to water is a source of natural gas for injection into an oil reservoir undergoing ER
L!	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
	is not capable of producing at a daily rate in execus of 200 months
l further agre	e to supply to the best of my ability any and all supporting documents deemed by Commissio
, randroi agro	
	y to corroborate this claim for exemption from testing.
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taff as necessar	
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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.