KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:					(See Instruc	ctions on Rev	verse Side))			
O _I	oen Flo	w			Tool Dec	•			151	No. 15		
De	eliverabi	ilty			7-/8-					No. 15 -071-2071	1-00-00	
Compan Horses		Эре	rating, Ir	ic.		<i>,</i> , , , ,	Lease Watsor	n Farms	3		2	Well Number
County Location Greeley S/2 NE/4 SW/4				Section 19		TWP 20S			(W)		Acres Attributed	
Field Bradsh	ield Bradshaw				Reservoir Winfield					hering Conn lidstream	ection	
	Completion Date 11-11-1999				Plug Bac 2945	k Total Dep	th		Packer S	Set at		
Casing S 4.5	sing Size Weight 5 10.5			Internal Diameter 4.052		Set at 2944		Perforations 2854-58		то 2865-70		
Tubing S 2. 375	bing Size Weight 375 4.7				Internal Diameter 2.0000		Set at Pen 2890		Perforations To			
ype Completion (Describe) Single Gas				Type Fluid Production Water				Pump Unit or Traveling Plunger? Yes / No Yes				
roducing Casing	Thru	(Ann	ulus / Tubir	ng)	% (Carbon Dioxi	ide		% Nitrog	en	Gas G	ravity - G _g
ertical E	epth(H)					sure Taps				(Meter	Run) (Prover) Size
ressure	Buildus		hut in	7-17	20 12at 1	Flan (0,'3/)		Talaan	7-18	,	12 at 10:	30 (AM) (PM)
Vell on L	•										at	
						OBSERVE	D SURFACE	- DATA			Duration of Shut	-in 24 Hours
Static / lynamic roperty	πic Size		Circle one: Meter Prover Press	Differential in	Flowing Temperature t	Well Head	mperature Wellhead P		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Duration (Hours)	Liquid Produced (Barrels)
Shut-In	.50	0	psig (Pm)	Inches H ₂ 0			pieq	68	psig	psia	24	-
Flow												·
						FLOW STR	REAM ATTRI	BUTES				
Plate Coeffieci (F _b) (F _p Mcfd	ent	Circle one: Meter or Prover Pressure psia		Press Extension √ P _m x h	Extension Fact		Temperature Fr		iation ctor pv	Metered Flow R (Mcfd)	y GOR (Cubic Fo Barrel	Flowing Fluid Gravity G _m
 -		a	1	<u> </u>	(OPEN FLO	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(P.)² = 0.207
_c) ² =		<u>.</u> :	(P _w) ² =	Choose formula 1 or 2	P _d =		% (P	14.4) +	14.4 =	···········::	(P _d	
(P _c) ² - (P or (P _c) ² - (P	a) ²	(P _c))²-(P _w)²	1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_a^2$ divided by: $P_c^2 - P_a^2$	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Slope Ass	sure Curve e = "n" origned rd Slope	nxi	.og []	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
pen Flow	en Flow Mcfd @ 14.65 p			65 psia	5 psiaC		Deliverability		Mcfd @ 14.65 p		sia	
The u				n behalf of the				0	o make th	/ //	rt and that he h	as knowledge of
facts sta								\bigcirc	٠ ،	11 :1	a .	
facts sta		····	Witness (if any)				Jan	rice	KIPU	of spiry	RECEIVE

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to requester 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	uest
and that the foregoing pressure information and statements contained on this application form are true	
correct to the best of my knowledge and belief based upon available production summaries and lease reconstruction of equipment installation and/or upon type of completion or upon use being made of the gas well herein nare I hereby request a one-year exemption from open flow testing for the Watson Farms #2	ords
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 Comestaff as necessary to corroborate this claim for exemption from testing.	nission
Date: 10-8-12	
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.