KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Open F			Test Date:	_		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	71	70 00	
Company			7-18-18	Lease		-12-0	11 - 20-1	78-00-	
County	Operating			Wats	son E		3	Jeii Number	
Greeley		Location Section NE 12		TWP 20S		RNG (E/W) 40W		Acres Attributed	
Field Bradshaw		Reservoir Towanda			Gas Gathering Co DCP Midstream				
Completion Date 11/15/03			Plug Back Tota 2851	al Depth		Packer Set at None			
Casing Size	10.5		Internal Diame 4.052		t at 152	Perforations 2828	To 2834		
Tubing Size Weight 2.375 4.7		_	Internal Diame 1.995		Set at Perforation 2840		То		
Type Completic Single Gas			Type Fluid Prod Water		F	Pump Unit or Travel	ing Plunger? Yes	· / No	
Producing Thru Annulus		ibing)	% Carbon	Dioxide		% Nitrogen	Gas G	ravity - G	
Vertical Depth(I 2852	H)			Pressure Taps	-,		(Meter	Run) (Prover) Size	
Pressure Buildu	p: Shut in _	7-17	20/2 at 8:0	(AM) (PM	Taken	7-18	$\frac{20}{2}$ at 8	00 (AM) (PM)	
Well on Line:	Started _	z	0 at	_					
			OBSI	ERVED SURFA	CE DATA		Duration of Shut	in 24 Hours	
Static / Orific	e Prover Pro	Differential	Flowing Well F Temperature Temper	rature Wellhead	asing d Pressure	Tubing Weilhead Pressure	Duration	on Liquid Produced	
Shut-In	es) psig (P		t t	(P _w) or (P _t) or (P _c)	(P _w) or (P _t) or (P _t) psig psia	(Hours)	(Barrels)	
Flow					92	 	24		
			FLOW	STREAM ATT	RIBUTES				
Plate Coeffiecient	Circle one: Meter or	Press	Gravity	Flowing	Deviation			Flowing	
(F _b) (F _p) Mofd	Prover Pressure	Extension P _m x h	Factor F _e	Temperature Factor F _{II}	Factor F _{pv}	10,01010011	OW GOR (Cubic Fe Barrel)	et/ Fluid Gravity	
								G _m	
			(OPEN FLOW) (DE	LIVERABILITY) CALCULAT	IONS	(P.)		
)2 =	: (P _w) ²	Choose formula 1 or 2:	P _d =	% (I	o _c - 14.4) + 14	.4 =;	(P _d) ²	= 0.207 =	
$(P_c)^2 - (P_a)^2$ 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 _c ²	LOG of formula 1. or 2. and divide Pc2. Pw	Sto	ssure Curve pe = "n" - or signed	n x LOG	Antilog	Open Flow Deliverability Equals R x Antilog	
		divided by: $P_c^2 - P_w^2$	by: c w	Stand	ard Slope	<u> </u>		(Mcfd)	
pen Flow Mcfd @ 14.65 psia Deliverability					ility		Mcfd @ 14.65 psia		
	ned authority, o	on behalf of the C	ompany, states tha	at he is duly au	thorized to m	ake the above repo			
The undersign		aid report is true :	and correct. Execu	ted this the	day	of UCLOU	\mathcal{U}_{\perp}	, 20 /2 .	
The undersign	rein, and that s	and roport is true a			() .	• • • • • • • • • • • • • • • • • • • •	٠//-	DECEN	
The undersign	rein, and that s				- Ja	nice Rip	Elley	RECEIVED	

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 Watson E #3	
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 Commissions staff as necessary to corroborate this claim for exemption from testing.	'n
Date: 10-8-12 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.