Form G-2 (Rev. 7/03)

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

ighe ie:	St.				{See instruc	tions on me	verse sid	θ)					
=	pen Flow eliverabilty			Test Dat	te: //	API No. 15 1 5-071-20-1-18							
Compan	shoe Op	erating, In	c.	1/4/		Lease Watso	n E		20,7	7 2 3	Well Nu	mber	
County Greeley		Location NÉ		Section 12		TWP 20S		RNG (E/W) 40W			Acres Attributed		
Field Bradshaw		,	N SE N W Reser		oir			Gas Gathering Connec		ection			
Completion Date 11/15/03				ck Total Dep	th		Packer Set at None						
Casing Size		Weight		Internal Diameter		Set at		Perforations		То			
4.5 Tubing Size		10.5 Weight		4.052 Internal Diameter		2852 Set at		2828 Perforations		2834 To	2834 To		
2.375 4. Type Completion (Describe)			1.995 Type Fluid Produc			2840		Pump Unit or Traveling Pi					
Single	Gas			Water		n		Yes	nit or Traveling	Plunger? Yes	/ No		
Annulu:		nulus / Tubin	g)	% (Carbon Dioxi	e		% Nitrogen		Gas Gravity - G			
Vertical E 2852	Depth(H)	<u> </u>				sure Taps				(Meter	Run) (Pro	over) Size	
Pressure	Builden	Shut in	7/5	o // at		large		7/6	2	// at 9:	<u> </u>		
Well on L	•			·		(AM) (PM)		7 -		at	Ċ	(PM)	
7				V «I		(AM) (FW)	laksii		20	at		AM) (PM)	
Static /	Orifice Circle one: Pressure Flowing Wall Head Casing						}	Tubing	Duration of Shut	uration of Shut-in 64 Hours			
Dynamic Property	Size (inches)	Meter Prover Presso psig (Pm)	Differential in Inches H _• 0	Temperature Temperature		Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Wellhead Pressure (P _w) or (P ₁) or (P ₆) psig paia		Duration (Hours)		quid Produced (Barrels)	
Shut-In						, , , , , , , , , , , , , , , , , , ,	92	p. ng	ран	24	 		
Flow										-	<u> </u>		
			1		FLOW STR	EAM ATTRI	BUTES						
Plate Coefficci (F _b) (F _f Mcfd	ent	Circle one: Meter or over Pressure psia	Press Extension Pmxh	Extension Factor		Flowing emperature Factor F ₁₁	Deviation Factor F _{gv}		Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G	
		<u>.</u>		<u> </u>									
P _c)² =	:	(P _w)² =	:	(OPEN FLO	OW) (DELIVE		CALCUL - 14.4)+		:	(P _a)) ² = 0.20) ² =	7	
(P _a) ² • (P or (P _a) ² • (P	-	°c)2- (P _w)2	1. P.2-P.2 2. P.2-P.2 4. Vided by: P.2-P.2	LOG of formula 1. or 2. and divide by:	P.2. P.2	Backpressure Curve Slope = "n" 		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flow			Mcfd © 14.6	35 neia		Deliverabi	lie			144 0 4405			
The u	ndersigned			Company, st		is duly aut	thorized to	 o make th		1 and that he ha		dge of	
	·-··							eni c		eleir	RECE	IVED	
		Witness (if				_			For	ompany	AUG 1	9 2011	
		For Carrent	ssion		_				Chec	rea by		ICHITA	

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:						
(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 Commission						
staff as necessary to corroborate this claim for exemption from testing.						
Date: 8/16/11						
Signature: <u>Production</u> 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.