Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test:					(See Instruc	tions on Rev	erse Side	e)				
Open Flow					Test Date				API	No. 15			
Delivera	abilty				7-18-1	2			071	I-20731-00-0	0		
Company Horseshoe C	Opera	ting, Inc.					Lease Nickelso	n			2	Well Nu	ımber
County Location Greeley SW				Section 4				RNG (E/W) 39W			Acres Attributed		
Field Bradshaw					Reservoi Winfield					thering Conne lidstream	ection		
Completion Date 10-10-2000				Plug Back Total Dep 2917 TD			th	h Packer Set at None				·	
Casing Size Weight 4.5 10.5			<u></u>	Internal I 4.052	Set at 2916		Perforations 2814-19		To 2824	то 2824-29			
Tubing Size Weight				Internal Diameter					Perforations		To To		
2.375	on (De	4.7	·-·······		2.000	d Dunduntin			Dump III	nit or Travalina	Physics Voc	/ No	
Type Completion (Describe) Single - Gas				Water	d Production	Pi			Pump Unit or Traveling Plung Pump Unit - Rod				
Producing Thr	u (Ani	rulus / Tubin	g)		% C	arbon Dioxi	ide	•	% Nitrog	len	Gas Gr	avity - (3,
Annulus Vertical Depth	(H)				* · · ·-	Pres	sure Taps				(Meter I	Run) (P	rover) Size
Tormoun Dopum	(,,)					Flan	ae	*		_	2"		
Pressure Build	lup:	Shut in	7-	<u>17</u> 2	12 at_	9:00	(PM)	Taken	7-1	<u>}</u>	12 at 9:	00	MM (PM)
Well on Line:	;	Started		20	0 at		(AM) (PM)	Taken	•	20	at	((AM) (PM)
						OBSERVE	D SURFACE	DATA			Duration of Shut-	in <i>a</i>	24 Hours
	ifice	Meter		Pressure Differential	Flowing	Well Head	Casing Wellhead Pressure		Tubing Wellhead Pressure		Duration	Liquid Produced	
	ize :hes)	Prover Press psig (Pm)	ure	in Inches H ₂ 0	Temperature t	Temperature t	(P _w) or (P _t		(P _w) o	r(P ₁) or (P ₀)	(Hours)		Barrels)
Shut-In 3	75	7-0()					psig	97.5	psig	psia	24		
Flow	·										-		
	,		·		·	FLOW STR	REAM ATTRI	BUTES			<u> </u>		
Plate Coeffiecient (F _b) (F _p) Mcfd	Pro	Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Grav Fact	tor	Flowing Deviation Factor Factor F _{pv}		ctor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m
	<u></u>	<u> </u>	<u> </u>].					
(P _c) ² =	:	(P _w) ² =		:	(OPEN FLO	. ,	'ERABILITY) % (P_	CALCUL - 14.4) +		:	(P _a) ²	= 0.2	07
$(P_c)^2 - (P_p)^2$ or $(P_c)^2 - (P_u)^2$	(P	(P _o) ² - (P _w) ²		ose formule 1 or 2: $ \begin{vmatrix} P_c^2 - P_a^2 \\ P_c^2 - P_d^2 \end{vmatrix} $ 2. $ \begin{vmatrix} P_c^2 - P_d^2 \\ P_c^2 - P_w^2 \end{vmatrix} $ and by: $ \begin{vmatrix} P_c^2 - P_w^2 \\ P_c^2 - P_w^2 \end{vmatrix} $	LOG of formula 1, or 2. and divide	P.2. P.2	Backpress Slope		7	-og	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				, ************************************									
Open Flow Mcfd @ 14.65 psia					Deliverability			Mcfd @ 14.65 psia					
The under the facts stated	-	•	aid r	report is true			•	8	o make the	Octobe e Rij	t and that he ha	REI OCT	CEIVED 1 2012

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 Nickelson 2
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 Commissio
staff as necessary to corroborate this claim for exemption from testing.
Date: 10-8-12
Signature: Janual Kiplly
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.