## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Te	est:						(See Instr	ructions on Re	verse Sid	le)			
	Open l	Flow								•	•		
	)elive:	abilty				Test Da				A 1	Pl No. 15 5-071-2014	53-000	
	ny Shoa	э Ор	erating,	inc.				Lease Sleigh		<u> </u>	- 0.12010	1	Well Number
County Greels	∍y			ocatio V NV	••	Section 1	<u>_</u>	TWP 17S	-	RNG (			Acres Attributed
Fleid Brads	<u> </u>				<u> </u>	Reserve		170			athering Con	nection	640
Complet						U. Ft.				DCP	Midstream		
6/1978			1880	ock Total De	ptn		Packer None	Set at					
4.5				Internal 3.9	Diameter	Set at 3030		Perforations 2936		To 2953	<del></del>		
Tubing Size 2.375			Weight 4.7			Internal Diamete		Set at <b>2991</b>		Perforations		To	
Type Co	mpleti	on (D			<del></del>	Type Fit	id Producti		·	Pump (	Init or Traveling	Plunger? Yes	. / No
		u (An	nulus / Tu	bing)		Water	Carbon Dio	vide		Yes % Nitro			
Annulu	S		·			76 \	Jan 15011 1510.	AIU O		26 MILLO	gen	Gas G	ravity - G <sub>g</sub>
Vertical C	)epth(	H)				<u> </u>	Pre	ssure Taps	•			(Meter	Run) (Prover) Size
Pressure	Builde	τ <b>р</b> :	Shut In _	1-	12 ,	0 // at	8.15	(600) DIA	Taken	<i>J-</i>	13	<u> </u>	15 0
Well on L	ine:		Started _		2	0 at		_ (AM) (PM)	Taken		20	at	(AM) (PM) (PM) (PM)
	-			-	<del></del>	<del></del>		ED SURFACE			<del></del>	<del> </del>	2//
_		rifice Circle o		. 1		Flowing	Well Head	Casing		Tubing		Duration of Shut-	-in <del>-1</del> Hours
Dynamic Property	8lz (Inch	-	Prover Pre palg (Pr	ssure	in Inches H <sub>•</sub> 0	Temperature t		(P, ) or (P,	) or (P <sub>e</sub> )	(P_) :	ead Pressure or (P <sub>c</sub> ) or (P <sub>e</sub> )	Duration (Hours)	Liquid Produced (Barrels)
Shut-In	.73	50		<u> </u>				Dali2	psta 6/	psig	psia	511	<del> </del>
Flow								<del>  </del> -		<u> </u>	<del></del>	24	<del> </del>
							FLOW STE	REAM ATTRI	BUTES	<del></del> _		<del></del>	LJ
Plate Coeffiecte	.n.		Circle one: Meter or		Press	Grav	ltv	Flowing	Devi	etlon	Metered Flow		Flowing
(F <sub>b</sub> ) (F <sub>p</sub> )		Prover Pressure			✓ P <sub>m</sub> xh	Fact	∽	Temperature Factor	Fac	tor	R	(Cubic Fe	et/ Fluid
MICIG	-			-		•	-	F <sub>11</sub>	F,	···	(Mcfd)	Barrel)	Gravity G <sub>m</sub>
						(ODEN 5) 6			<u>L</u>		<del></del>		
P <sub>e</sub> ) <sup>2</sup> =		<u>:</u>	(P <sub>w</sub> ) <sup>2</sup>	P	:	OPEN FLO P <sub>4</sub> = _		ERABILITY) (	CALCUL/ - 14.4) + 1	,	•	(P <sub>s</sub> ); (P <sub>s</sub> );	<sup>2</sup> = 0.207
(P <sub>e</sub> ) <sup>2</sup> - (P <sub>e</sub>	) <u>*</u>	(P.	)² - (P_)²	Choo.	pendula for 2:	LOG of	_ ¬	Backpress	ure Curve	$\top$	Гэ	( )	
or (P <sub>a</sub> )2 - (P <sub>a</sub>	)2		- <del>-</del>	2	. P2-P2	formula 1. or 2,		Slope	r	nxl	.og	Antilog	Open Flow Deliverability
				divide	dby: P. P.	and divide by:	P,2 - P,2	Assig Standard					Equals R x Antilog (Mcfd)
	$\dashv$						<del></del> -	<u> </u>					
pen Flow					1etel (3) 1 4 6:					<u> </u>			
					Acfd @ 14.65	·		Deliverabilit		<del></del>		lcfd @ 14.65 psia	
ine un	detai0	nea i	authority, c	on bel	half of the C	ompany, sta	ates that he	is duly auth	orized to	make th	e above report	and that he has	knowledge of
- તાલા કાલ	iso ult	siem,	and mais	aid re	port is true a	ind correct.	Executed t	this the	7 d	ay of	may		20
			Witness	(if any)	<del></del>		<del></del>	_	Ja	nice	U Ky	eley F	RECEIVED
			For Corner	nission	<u> </u>				<i>-</i>		rui po	N	IAY_1 2 2011
											Check	ea by	

	are under penalty of perjury under the laws of the state of Kansas that I am authorized to request atus under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.						
	ne foregoing pressure information and statements contained on this application form are true and						
	he best of my knowledge and belief based upon available production summaries and lease records						
	ent installation and/or upon type of completion or upon use being made of the gas well herein named.  by request a one-year exemption from open flow testing for theSleigh 1						
	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						
l furthe	r agree to supply to the best of my ability any and all supporting documents deemed by Commission						
	cessary to corroborate this claim for exemption from testing.						
Date: <u>5/</u>	19/11						
	Signature: Opinice Riples  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.