KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Reservoir Care Ca	Type Tes						(See Instru	ctions on Rev	erse Side	e)		. 1201			
Company Horizoschioc Derating, Inc. Resuch		•	,			3-6	-/3					- 000 0			
Reservoir Comment Plug Back Total Depth Packer Set at Province Plug Back Total Depth Packer Set at Portorations To Plug Back Total Depth Packer Set at Portorations To Plug Back Total Depth Packer Set at Portorations To Plug Back Total Depth Packer Set at Portorations To Plug Back Total Depth Plu			erating,	Inc.						-		1	Well N	umber	
Completion December Decembe															
Percent Set at None	Field Bradsh	aw										ction			
Tasing Size Molght Internal Diameter 298		on Date			·········	Plug Bad		oth		Packer	·			·	
Unified Size Weight 1.995	Casing Size Weight				Internal Diameter			Set at Perforations							
Type Fluid Production Water Yes Water Yes (Meter Run) (Prover) Size Proseure Taps (Meter Run) (Prover) Size Prover Pressure Taps (Meter Run) (Prover) Size (Meter Run) (Prover) Size Prover Pressure Taps (Meter Run) (Prover) Size (Prover) S	Tubing Size			Weight			Internal Diameter		Set at						
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of acts stated therein, and that said report is true and correct. Executed this the is duly authorized to make the above report and that he has knowledge of acts stated therein, and that said report is true and correct. Executed this the is duly authorized to make the above report and that he has knowledge of acts stated therein, and that said report is true and correct. Executed this the is duly authorized to make the above report and that he has knowledge of acts stated therein, and that said report is true and correct. Executed this the is duly authorized to make the above report and that he has knowledge of acts stated therein, and that said report is true and correct. Executed this the is duly authorized to make the above report and that he has knowledge of JUN 19 20.	pe Con					Type Flu					nit or Traveling	Plunger? Yes	/ No	····	
Pressure Taps (Meter Run) (Prover) Size sesure Buildup: Shut in 3-5 20 /3 at 9:45 (A) (PM) at a construction of Shut in 3-5 20 /3 at 9:45 (A) (PM) at a construction of Shut in 3-5 20 /3 at 9:45 (A) (PM) at a construction of Shut in 3-5 20 /3 at 9:45 (A) (PM) at a construction of Shut in 3-5 20 /3 at 9:45 (A) (PM) at a construction of Shut in 3-5 20 /3 at 9:45 (A) (PM) at a construction of Shut in 3-5 20 /3 at 9:45 (A) (PM) at a construction of Shut in 3-6 20 /3 at 9:45 (A) (PM) at a construction of Shut in 3-6 20 /3 at 9:45 (A) (PM) at a construction of Shut in 3-6 20 /3 at 9:45 (A) (PM) at a construction of Shut in 3-6 20 /3 at 9:45 (A) (PM) at a construction of Shut in 3-6 20 /3 at 9:45 (A) (PM) at a construction of Shut in 3-6 20 /3 at 9:45 (A) (PM) at a construction of Shut in 3-6 20 /3 at 9:45 (A) (PM) at a construction of Shut in 3-6 20 /3 at 9:45 (A) (PM) at a construction of Shut in 3-6 20 /3 at 9:45 (A) (PM) at a construction of Shut in 3-6 20 /3 at 9:45 (A) (PM) at a construction of Shut in 3-6 20 /3 at 9:45 (A) (PM) at a construction of Shut in 3-6 20 /3 (A) (PM) at a construction of Shut in 3-6 20 /3 (A) (PM) at a construction of Shut in 3-6 20 /3 (A) (PM) at a construction of Shut in 3-6 20 /3 (A) (PM) at a construction of Shut in 3-6 20 /3 (A) (PM) at a construction of Shut in 3-6 20 /3 (A) (PM) at a construction of Shut in 3-6 20 /3 (A) (PM) at a construction of Shut in 3-6 20 /3 (A) (PM) at a construction of Shut in 3-6 20 /4 (A) (B) (PM) at a construction of Shut in 3-6 20 /4 (B) (PM) at a construction of Shut in 3-6 20 /4 (B) (B) (PM) at a construction of Shut in 3-6 20 /4 (B) (B) (PM) at a construction of Shut in 3-6 20 /4 (B) (B) (PM) at a construction of Shut in 3-6 20 /4 (B) (B) (PM) at a construction of Shut in 3-6 20 /4 (B) (B) (PM) at a construction of Shut in 3-6 20 /4 (B) (B) (PM) at a construction of Shut in 3-6 20 /4 (B) (B) (PM) at a construction of Shut in 3-6 20 /4 (B) (B) (PM) at a construction of Shut in 3-6 20 /4 (B) (B) (B) (B) (B) (B) a	roducing	Thru (Ar	nnulus / Tub	ing)		···		ide			gen	Gas G	ravity -	G _,	
Plate coefficient Motor Passure Plate (P,) Prover Pressure Passure Plate (P,) Prover Pressure Passure Plate (P,) Prover Pressure Passure Passu	rtical D	ī			<u> </u>		Pres	ssure Taps				(Meter	Run) (P	rover) Size	
Comparison Com		Ruildus:	Shut in	3-	5 .	.J3	9:35		P-1	3.	-6	13.90	75		
OBSERVED SURFACE DATA Ourstion of Shut-in 24 House fit any) OBSERVED SURFACE DATA Ourstion of Shut-in 24 House fit any) OBSERVED SURFACE DATA Ourstion of Shut-in 24 House fit any) OBSERVED SURFACE DATA Ourstion of Shut-in 24 House fit any) Ourstion (Wellhead Pressure Wellhead Pressure Wellhead Pressure Wellhead Pressure Wellhead Pressure (Palow (P,) or															
Pressure							OBSERVE	D SURFACE	DATA		-1-	Duration of Shul	t-in	24 Hour	
FLOW STREAM ATTRIBUTES Plate coefficient (F2) (F2) Pmxh Factor F	mamic	Size	Meter Prover Pressure		ifferential In	Temperature	Temperature	Wellhead P (P _w) or (P ₁)	ressure or (P _c)	Wellhead Pressure $(P_u) \propto (P_t) \propto (P_t)$		Duration	Liqu	Liquid Produced	
FLOW STREAM ATTRIBUTES Plate Doeffice lent Company of Flowing Textension Prover Prove	hut-In	.625	 	- - '''	JIIG3 11 ₂ 0			·	psia	psig	psia.	24	-		
Plate Definicient Configuration Prover Pressure Plate Definition (F _p)	Flow								-						
Continue				 -	****	1	FLOW STR	REAM ATTRIE	UTES			- 			
P _c ² = : (P _w) ² = : P _d = % (P _c - 14.4) + 14.4 = : (P _d) ² =	Coeffiecie (F _b) (F _p		Meter or Prover Pressure		Extension		or	Temperature Factor	nperature Factor F		R	(Cubic F	eet/	Fluid Gravity	
P _c) ² = : (P _w) ² = : P _d = % (P _c -14.4) + 14.4 = : (P _d) ² = (P _d) ² = : (P _d) ² =									<u> </u>		<u> </u>	<u></u>			
P _c) ² - (P _w) ² Or or or 1. P _c ² - P _s ² Or or or 1. Or 2. P _c ² - P _s ² Or	i ² =	:	(P_)²	=	:			•			:			07	
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of acts stated therein, and that said report is true and correct. Executed this the	P _e) ² - (P _e or P _e) ² - (P _e	,) ² (F	P _c) ² - (P _w) ²	1. F 2. F	2. P.z	LOG of formula 1, or 2.	P. 2. P. 2	Backpress Slope o Assk	ure Curve = "n" 		roe [O ₁ Del	iverability FR x Antilog	
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of facts stated therein, and that said report is true and correct. Executed this the													-		
The undereigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of facts stated therein, and that said report is true and correct. Executed this the	en Flow			Mel	fd @ 14.6	5 psia	•	Deliverabili	ty		<u></u>	Acfd @ 14.65 ps	ia		
Witness (if arry) Witness (if arry) JUN 19 201	The un	dersigned	authority,	on beha	If of the (Company, st	ates that h	e is duly auth	norized to	make th				ledge of	
Witness (if any) Forkcompany JUN 19 201	acts star	ted therei	n, and that s	aid repo	ort is true	and correct	. Executed	this the	7	day of	Jun		·	20 <u>/5</u> . W//CL!!	
For Commission Checked by			Witness	(if any)	 .			_		Janu	CU Ku	pany			
			For Com	mission		<u>.</u>			l		Checi	Ked by	JUN	19 2013	

	der penalty of perjury under the laws of the state of Kansas that I am authorized to request
	der Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
and that the fore	going pressure information and statements contained on this application form are true and
correct to the bes	t of my knowledge and belief based upon available production summaries and lease records
	allation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the _Rauch 1
	ounds 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 necessar	to corroborate this claim for exemption from testing.
Date: 6-12-	<u>/3</u>
	Signature: <u>Janice Ripley</u> Title: <u>Froduction</u> Assistant
	Signature: Janual Kipley Title: Froduction 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.