KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				G	See Instruct	ions on Reve	erse Side	9)				
Oper	ก Flow			T1 D-1-				ADL	No. 15			
Deliv	verabilty		4	Test Date -28-	"/				·20606-00-0	0		
Company Horsesho	e Opera	ating, Inc.	/		-	Lease White		,		1	Well Nur	nber
County		Locatio NE	on Section 07			TWP 23S		RNG (EA	N)		Acres Attributed 320	
Field Bradshaw				Reservoir Winfield			Gas Gathering Cor DCP Midstream			ection		
Completion Date 10-3-96				Plug Back 2595	k Total Dept	h			et at			
Casing Size Weight 4.5 11.60		Internal Diameter 4.000		Diameter	Set at 2604		Perforations 2567		то 2582			
		Welght 4.700		Internal E 1.995	Diameter	eter Set at 2584		Perforations		То		
Type Completion (Describe) Single - Gas			Type Fluid Production Water			Pump Unit or Ti Pump Unit						
Producing Casing	Thru (A	nnulus / Tubing))	% C	Carbon Dioxi	de · ·		% Nitroge	en .	Gas Gi	ravity - G	0
Vertical De 2574	epth(H)		<u> </u>		Pres Flan	sure Taps Ge			<u>.</u>	(Meter	Run) (Pro	over) Size
Pressure B	Bulldup:	Shut in	1-27 2	0at	8:15	((AM) (PM) 1	Taken	4-28	20	// at 8:15	<u> </u>	(PM)
Well on Lin	ne:	Started	2	0 at		(AM) (PM) 1	Taken		20	at	(/	M) (PM)
					OBSERVE	D SURFACE				Duration of Shut	-in_2	4 Hours
Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressur psig (Pm)	Pressure Differential in Inches H ₂ 0	Temperature Tempera		ature $(P_{\downarrow}) \propto (P_{i}) \propto (P_{i})$		Tubing Weilhead Pressure (P _w) or (P ₁) or (P ₀)		Duration Liq (Hours)		Produced arrels)
Shut-In	150		anches ri ₂ 0			psig	7.3	psig	psia	24		
Flow	•		•					1		-		
•					FLOW STE	EAM ATTRI	BUTES					·
Plate Coeffictie (F _b) (F _p) Mcfd	_	Circle one: Meter or trover Pressure psia	Press Extension ✓ P _m x h	Extension Fact		Flowing Temperature Factor F _{f1}	perature Fa		Metered Flow R (Mcfd)	GOR (Cubic Fo	eet/	Flowing Fluid Gravity G _m
(P _g) ² =	:	(P _w)² ≃_	:	(OPEN FL	• •	ERABILITY) % (P	CALCUI - 14.4) +		:) ² = 0.20)7 ———
(P _c) ² - (P _c) ² - (P _c) ²		(P ₀) ² - (P ₄) ²	1. P ₂ ² -P ₄ ² 2. P ₂ ² -P ₄ ² wided by: P ₂ ² -P ₄ ²	1. P ² -P ² LOG of formuta 2. P ² -P ² and divide		Backpressure Curve Slope = "n" Assigned Standard Slope		nxl	.og	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
						 	-					
Open Flow Mcfd @ 14.65 psia					Deliverability Mcfd @ 14.65 psia							
	_	ed authority, on ein, and that sa					thorized	to make th	e above repo	rt and that he h	as knowl	edge of 20 <u>//</u> .
 ,		Witness (if	алу)				7	anic	e Kip	COMPANY ANSAS CO		
)	For Commi	salon		•	_			Che	cked by	UN 11	2011 IVED

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
	at the foregoing pressure information and statements contained on this application form are true and
orrect	to the best of my knowledge and belief based upon available production summaries and lease records
	oment installation and/or upon type of completion or upon use being made of the gas well herein named. ereby request a one-year exemption from open flow testing for the White #1
	Il 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
l fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commission
taff as	necessary to corroborate this claim for exemption from testing.
ate:_	6-14-11
	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.