KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			('See Instruc	tions on Re	verse Side)				
	en Flow			Jest Date	a:			AP	No. 15			
De	eliverabilty	<i>'</i>		9-11-1	<u> </u>			075	- 20072- 00-0	00		
Company Horsesh		rating, Inc.				Lease L ewis			20,669	. 1 .	Well Number	
County Hamiltor	n	Loca C SW		Section 7		TWP 22S		RNG (E 41W	/W)		Acres Attributed	
Field Bradsha	ıw	· ·	e i	Reservoir				Gas. Ga Oneok	thering Conne	ection		
Completion Date 5-13-1998				Plug Back Total Depth 2746 TD			Packer Set at None					
Casing Size Weight 4.5 10.5			Internal Diameter 4.000		Set at 2745		Perforations 2702		то 2717			
Tubing Size Weight			Internal [Internal Diameter . Set at			Perfo	rations	То	То		
Type Completion (Describe) Single - Gas				Type Flui Water	Type Fluid Production Water			Pump Unit or Traveling Plunger? Yes / No Pump Unit - Rod				
-		nnulus / Tubir	ng)		arbon Dioxi	ide					ravity - G	
Annulus	S										A	
Vertical Depth(H)					Pressure Taps Flange			.5. \$		(Meter 2"	(Meter Run) (Prover) Size 2"	
Pressure	Buildup:	Shut in	9-10 2	10/3 at 9	1:45	(AM) (PM)	Taken	9-1	/	13 at 9.	45 (AM) (PM)	
Well on L			2						20		(AM) (PM)	
83. s. s		20,506-030			-							
· ·		-	·	<u> </u>	OBSERVE	D SURFACI				Duration of Shut	t-in_24_Hour	
Static / Dynamic Property	Orifice Size (inches)	Prover Pressure in		Flowing Well Head Temperature t t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	.625	psig (Pm)	Inches H ₂ 0			psig	50	psig	psia	24	·	
Flow												
					FLOW STR	EAM ATTR	IBUTES					
Plate Coeffieci (F _b) (F Mcfd	ient ,) F	Circle one: Meter or Prover Pressure psia	Press Extension	Extension Fact		Flowing Temperature Factor	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Crowity	
				•							·	
P _c) ² =		(D.)2	;			ERABILITY))2 = 0.207	
		(P _w) ² :	Choose formula 1 or 2			T	c - 14.4) +	14.4 =	·	(P _d		
(P _c) ² - (F or (P _c) ² - (F		(P _c) ² - (P _w) ²	 P_c² - P_a² P_c² - P_d² 	LOG of formula 1. or 2. and divide	D2 D2	Slop	or	nx	LOG	Antilog	Open Flow Deliverability Equals R x Antilog	
			divided by: Pc2 - Pw	by:	P _c ² · P _w ²	Standa	ard Slope			· · · · · · · · · · · · · · · · · · ·	(Mcfd)	
					···		• • • • • • • • • • • • • • • • • • •					
pen Flov			Mcfd @ 14.	65 neia	* 42.74	Deliverabi	ility	<u> </u>		Mofd @ 14.05	l .	
	3	ed authority, o			tates that h			make th		vicid @ 14.65 ps	as knowledge of	
			aid report is true		Executed	this the/	19	lay of	Hoven	rlier	,20_ <u>/3</u> _	
garn er			in in the second	on the second	1	.* •		ani	ro R	inlow	KCC WIC	
		1- gas a 1 c		12 51 5	<u>*</u>			nv ru	ハノ・ハ	yuu	TINO AAIL	
		Witness	(if any)				· //	,	For Co	omerany		

		•
I declare under penalty of	perjury under the laws of the state of Ka	ansas that I am authorized to request
	R. 82-3-304 on behalf of the operator_Hors	·
	e information and statements contained	
•	edge and belief based upon available prod	
	upon type of completion or upon use bein	· · · · · · · · · · · · · · · · · · ·
	exemption from open flow testing for the	-
gas well on the grounds that sai	•	
(Check one)		
is a coalbed	methane producer	
is cycled on	plunger lift due to water	
is a source o	of natural gas for injection into an oil reser	rvoir undergoing ER
is on vacuum	n at the present time; KCC approval Dock	et No
√ is not capable	le of producing at a daily rate in excess o	of 250 mcf/D
	the best of my ability any and all supporti	ing documents deemed by Commissior
staff as necessary to corroborat	te this claim for exemption from testing.	
Date: <u>//-/9-/3</u>		
,		
,		
		0 1
	Signature:	Ripley
		Ripley
	Signature:	Ripley

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.