KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	it:				(See Instruc	tions on Rev	erse Side	3)			
	pen Flow	ı		T B							
De	eliverabli	ty		1/26	7//				i No. 15 1-20733-00-0 ()	
Compan		erating, Inc.		-//		Lease Joy	····		·	1	Well Number
County Location Greeley SW SE			Section 6	· · · · · · · · · · · · · · · · · · ·			RNG (E/W) 39W		Acres Attributed		
Fleid Bradshaw				Reservoir Winfield				thering Connection	ction		
Completion Date 6-16-2000				Plug Back Total Depth 2869 TD			Packer : None	Set at			
Casing Size Weight 4.5 10.5			Internal I 4.090		Set at 2887		Perforations 2830		To 2843		
Tubing S 2.375	Tubing Size Weight 2.375 4.7		ht	Internal Diameter 2.000		Set at 2844		Perforations		To	
	noletion	(Describe)	<u> </u>		d Production			Pump U	nit or Traveling I	Plunner? Vec	/ No
Single -	- Gas			Water					Unit - Rod	iunger: 163	, NO
Producing Annulus	-	Annulus / Tubir	·g)	% (arbon Dioxi	de		% Nitrog	jen	Gas Gr	avity - G
Vertical C	-	<u></u>		···*		sure Taps					Run) (Prover) Size
Pressure	Duilden	Chut in	1/25 2	. 11 -	Flan:	ge (AM) (PM)		71.	26 20	2" // _{at} 9:/	0 0
Well on L			2	•				•		•	
					OBSERVE	D SURFACE	DATA			Ouration of Shut-	7//
Static /	Orifice	Circle one:	Pressure Differential	Flowing	Well Head	Casir Wellhead P	ıg		Tubing ad Pressure	Duration	,
Dynamic Property	Size (inches	Prover Press	ure In	Temperature t	Temperature t	(P _w) or (P ₁)			r (P ₁) or (P _c)	(Hours)	Liquid Produced (Barrels)
Shut-in	.31	5					76.9			24	,
Flow											
 -					FLOW STR	EAM ATTRI	BUTES	·			
Plate Coefficient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Grav Fact F _g	or T	Flowing Temperature , Factor F ₁₁		ation ctor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G _m
		""	<u></u>				<u> </u>			<u></u>	
(P _a)² =		: (P _w)² =	·:	(OPEN FLO	• -	ERABILITY) 6 (P.	CALCUL/ - 14.4) +		:	(P <u>.</u>); (P _e);	? = 0.207 ! =
(P _e) ² · (F or (P _e) ² · (F	- 1	(P _o) ² - (P _w) ²	Choose formula 1 or 2 1. P _c ² · P _c ² 2. P _c ² · P _d ² divided by: P _c ² - P _c ²	LOG of formula 1. or 2. and divide	P _c ² . P _w ²	Stope	r gned	nxl	.og [Antiliog	Open Flow Deliverability Equals R x Antilog (Mcfd)
					-						
Open Flov	N		Mcfd @ 14.	65 psia		Deliverabili	ty		М	ctd @ 14.65 psl	<u> </u>
			n behalf of the				つ		//	and that he has	knowledge of
tne facts si	ated the	rein, and that s	ald report is true	and correct	. Executed	this the	_	-	Marie	1	20
		Witness (f any)				4	aice	Kipl For Con	ly apany	RECEIVED
-		For Comm	ilssion			_	v		Checke	d by	AUG 1 1 2011

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
(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 Commission
staff as necessary to corroborate this claim for exemption from testing.
Date:
Signature: Janice Ripley
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.