KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Te	st:					(See Instru	ctions on R	everse Sid	de)				
_	pen Flo				_Test Da	to:			A Di	No. 15			
	eliverat	bilty			5-22	-/3		•		-20840-00-	00		
Compar Horses	iy hoe Oi	oeratino	a. Inc.		•		Lease Barker				1-1(umber
County			Loca		Section		TWP		RNG (E/	W)	J- 1(Attributed
Greeley Field	<u>/</u>		SW/S	W/SE	10		198	· ·	40W				
Field Bradsha	aw				Reservo Winfiel					hering Conn Hidstream			
Complet 6/30/06		te			Plug Ba 2965	ck Total Dep	oth	· · · · · · · · · · · · · · · · · · ·	Packer S None	et at			
Casing Size 1-1/2			Weight 10.5			Internal Diameter 4.000		Set at 2965		Perforations 2879		0	
Tubing Size 2-3/8			Weight 4.7		Internal Diameter 1.995		Set at 2932		Perforations		То		
Type Co	mpletion	n (Descr				id Productio			Pump Un	it or Traveling	Plunger? Ye	s / No	
Single					Water				Yes				
roducin A nnul u:	-	(Annulu	s / Tubir	rg)	% (Carbon Diox	ide	2 1	% Nitroge	∍n	Gas	Gravity -	G ^a
ertical [1)		· · · · · · · · · · · · · · · · · · ·		Pres	sure Taps				(Mete	er Run) (P	rover) Size
965				<i>E</i> 01	/2	111/2/		· · · · · · · · · · · · · · · · · · ·				,	
ressure?	Buildup			5-21									(PM)
Vell on L	.ine:	Star	ted	2	0 at		(AM) (PM)	Taken		20	et		(AM) (PM)
						OBSERVE	D SURFACI	E DATA		 	Duration of Shi	ut in	24 _{Hour}
Static /	Orific	Motor		Pressure Differential	Flowing	Well Head	Casina		Tubing				
ynamic roperty	Size (inche	chas) Prover Pre		ure in	Temperature t	Temperature t	lemperature /P \ /P		1	d Pressure (P ₁) or (P _a)	Duration (Hours)		d Produced Barrels)
ihut-in			sig (Pm)	Inches H ₂ 0		<u> </u>	psig	52.9	psig	psia	211		
Flow								265.7	<u> </u>	 	24	-	
				<u> </u>	<u> </u>	EI OW STD	EAM ATTRI	DIITEC	<u>L. </u>	1. 1		<u> </u>	
Plate		Circle	оле:	Press	Grav		Flowing	1					Flowing
Coeffieci (F,) (F,		Meter or Prover Pressure psia		Extension	Fact	or T	Temperature Factor F _{ft}		ation ctor	Metered Flow R	GOF (Cubic F		
Mofd				√ P _m xh	F,				ρv	(Mcfd)	Вапе	ef) 	
					(OPEN FLO	OW) (DELIVE	ERABILITY)	CALCUL	ATIONS	¥	(P) ² = · 0.2	07
)² =		:	(P _w) ² =		P _d = _	%	(P _a	, - 14.4) +	14.4 =	 ;) ² =	
P _o)²- (P	,)²	(P _c) ² - (1. P _a - P _a 2	LOG of formula			sure Curve = "n"					en Flow
or P _c)²- (P _c	_d) ²			2. P.2. P.2	1. or 2.	P ₂ - P _w ²		or gned	n x LC	rici	Antilog	. Equals	verability R x Antilog
				fivided by: P _c ² - P _w ²	by:		Standa	rd Slope	 -				Mcfd)
			-		-							<u> </u>	·
						<u> </u>						<u> </u>	
en Flow			•	Mcfd @ 14.6	5 psia	· · · · ·	Deliverabili	ty		N	lcfd @ 14.65 ps	sia	
The un	ndersigr	ned auth	ority, on	behalf of the C	Company, st	ates that he	is duly auth	norized to	make the	above report	and that he h	as knowl	edge of
	ted the	rein, and	that sai	d report is true	and correct.	Executed to	his the	<u>8</u> d	ay of	ung	<i></i>	, 2	<u>، 23</u> .
acts sta									•	// //	٠ /.		
acts sta								(L	aminh	Y) KI	חומות	V OO	MAHOLI
acts sta			Witness (if a	any)				J	ance	Ford	policy topany	KCC	WICH

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 Barker 1-10
gas well 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
I further agree to supply to the best of my ability any and all supporting documents deemed by Commissistaff as necessary to corroborate this claim for exemption from testing.
Date: 6-/8-/3
Signature: Auce 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.