KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:					(See Instru	uctio	ons on Reve	erse Side	e)						
Open Flow Deliverabilty					Test Date: 4-3-/4					API No. 15 15-075-207350000							
Company Horseshoe Operating, Inc.					<u> </u>	Lease George				· · · · · · · · · · · · · · · · · · ·	2	Well Number					
County Location Hamilton NE					Section 1	Section			TWP' 22S		/W)		Acres Attributed 480				
Field Bradshaw						Reservoir Winfield				Gas Gas Oneol	thering Conr			-			
Completion Date 2-26-2001				Plug Back Total Depth 2836					Packer \$	Set at							
Casing S 4.5	Casing Size Weight 4.5 10.5				Internal Diameter 4.052			Set at 2847		Perfo 273	rations 8	_	то 2748 				
Tubing Si 2.375	Tubing Size Weight 2.375 4.7					Internal Diameter 2.0000			Set at 2769		Perfo	rations		То			
Type Con Single (n (Di	escribe)			Type Flui Water	Type Fluid Production Water					Pump Unit or Traveling Plunger? Yes / No Yes					
Producing Casing	g Thru	(Anı	nulus / Tubii	ng)		% C	arbon Dic	bixc	θ		% Nitrog	en		Gas G	ravity - (3,	
Vertical D	epth(F	1)					Pre Fla		ure Taps e					(Meter	Run) (P	rover) Size	
Pressure	Buildu	p:	Shut in	4	2_2	0/4at_	9:00	<u> </u>	Ам) (PM) 1	Taken	4-	3 20	14a	1_9,	00	AM)(PM)	
Well on L	ine:		Started		20	O at		<u>.</u> ((AM) (PM)	Taken		20) a	ıt		(AM) (PM)	
			Circle one:		Pressure		OBSER\	/ED	SURFACE		T	Tuel -	Durati	on of Shul	-in 2	Hour	
Static / Dynamic Property	Orifi Siz (inch	•	Meter Prover Pressure		Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t		Casing Wellhead Pressure (P_w) or (P_t) or (P_a) psig psia		Tubing Wellhead Pressure (P_) or (P_1) or (P_c) psig psia		Duration Liq (Hours)			d Produced Barrels)	
Shut-In	.7	5							50				5	24		_	
Flow									<u>, l</u>								
							FLOW ST	TRE	AM ATTRI	BUTES							
Plate Coeffiecient (F _b) (F _p) Mcfd		Gittle one: Meter or Prover Pressure psla			Press Extension	Grav Fact F _c	r Te		Flowing mperature Factor	Fa	riation actor	Metered Flow R . (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fiuld Gravity G _m	
				}					_								
(P _c)² =		` _:_	(P _w)2:	= <u> </u>	:	(OPEN FLO	OW) (DEL	.we	RABILITY) (P _c	- 14.4) +		<u>.</u> :_) ² = 0.2	207	
$(P_c)^2 - (P_b)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1	ise formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ad by: $P_c^2 - P_a^2$	LOG of formula 1. or 2. and divide by:			Backpressure Cur Slope = "n" or Assigned Standard Slope		e n x LOG		F	Antilog Open Flow Deliverabili Equals R x Ar (Mcfd)		iverability s R x Antilog	
Open Flov	v				Mcfd @ 14.6	35 psia			Deliverabil	îty			Mcfd @	9 14.65 ps	sia		
					ehalf of the report is true				_	horized t	day of	ne abeve rep	ort and	that he h	as know	riedge of 20	
			Witness	(if any)			•	_		Ju	TWW For	Company	<i>pice</i>	de	////	
			For Corre	nissic	<u> </u>				-			Che	ecked by	r	<u>(@C</u>	ANICH	

JUN 20 2014

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, finc. 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 George #2 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. vision to capable of producing at a daily rate in excess of 250 mct/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. Signature: Januar Rughly Januar Rughly		
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Signature:	<u>1.▼</u> J	
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Signature: Janice Ripley		
Signature: Janice Ripley	Date: 6-16-	·14
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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.