KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	st:						(See Instru	ctions on Re	overse Side	9)				
_ o	pen Fli	w												
☐ D	eliverai	bilty				2-2-					91 No. 15 75-20612-0 1	ഫഹ		
Compan						n d	10	Lease		- 01	3-20012-0		Well N	umbor
		Ope	erating, Ir	ıc.				Boltz				2		umber
County Hamilton			Location SE/4 NE/4			Section 1		TWP 24S		ANG (E/W)		Acres Attributed 640		
Field					<u> </u>	Reserve				,	thering Conn	ection		
Bradshaw Completion Date						Winfield Plug Back Total Dept			DCP Midst Packer Set at			am		
10/15/9	96		<u>.</u>		<u> </u>	2405	ick total Dej	otn 						
Casing S 4.5	Size		Weig 11.6			Internal 4.000	Diameter	Set : 242		Perf 238	orations 34	то 2391		
Tubing Size 2.375		Weight 4.7			Internal 2.000	Diameter	Set at 2400		Perforations		То			
Type Cor Single		n (D					uid Productio			Pump L	Init or Traveling	Plunger? Yes	/ No	
		(An	nutus / Tubi	na)	- · · · · · · · · · · · · · · · · · · ·	96	Carbon Diox	ide		% Nitro	nen	Gas Gr	avity - (G
ANI	NU	lu		נפיי			Odibon Diox			70 14110	ye			-
Vertical E	Depth(i	4)					Pre	sure Taps	2			(Meter l	7 //P	rover) Size
Pressure	Buildu	p;	 Shut in	ó	?-/ 2	0/2 at	9:30	(ÁM) (PM)		2-	2 20	12a 9:30	<u>,</u>	(AM)(PM)
Well on L	ine:		Started									at	`	(AM) (PM)
					 		OBSERVE	D SURFAC	E DATA			Duration of Shut-	- 2	4 Hours
Static /	Orif		Circle one:		Pressure Differential	Flowing	Well Head	Cas Wellhead	sing	4	Tubing ad Pressure	Duration		id Produced
Dynamic Property	Siz (inch		Prover Press psig (Pm)		in Inches H,0	Temperature t	Temperature t	(P _w) or (P) or (P _e)	(P _w)	or (P ₁) or (P _c)	(Hours)		(Barrels)
Shut-In	.62	5						psig // /	psta	psig	psia	24	 	
Flow					-·· <u></u>			1-4-4				<u> </u>		
							FLOW STE	REAM ATTR	IBUTES					
Plate			Cital one: Meter or	1	Press	Gra	vity	Flowing	Devi	lation	Metered Flow	, GOR		Flowing
	Coeffiecient (F _a) (F _a)		Prover Pressure		Extension		AUT	Temperature Factor		ctor	8	(Cubic Fe		Fluid Gravity
Mcfd			psla	1	Pmxh	F	•	F _n		р т	(Mcfd)	Barrel)		G _m
	l								_		<u> </u>			
(P _e)² =			(D.)2.	_		-	OW) (DELIV	,	•				² = 0.2	:07
(, e)	Ŧ	<u></u>	(P _w) ² =		se formula 1 or 2:	P _# =		T	° - 14.4) +	14.4 = <u> </u>		(P _a) ²	<u> </u>	
(P _e)* • (P		(P	,)2- (P_)2	1	. P.2. P.2	LOG of			ssure Curve oe ≕ "n"		,,,,			pen Flow iverability
or (P _e)2 - (P	ا در			2	. P. 2 - P. 2	formula 1. or 2.		Ass	or signed	n x		Antilog	•	R x Antilog
	•			divide	dby: P²-P²	and divide by:	P.2-P.2		ard Slope		F 7			(Mcfd)
					_						}			
					<u>-</u>			Ĭ						
Open Flow	,			- 1	Mcfd @ 14.6	5 psia		Deliverabi	ility	<u> </u>	·· ······	Mcfd @ 14.65 psi	a	1
The u	ndersig	ned	authority, o	n be	half of the (Company, s	tates that h	e is dulv au	thorized to	make t	ne above repoi	rt and that he ha	s know	ledge of
							t. Executed		1/2	day of	ansi	<i>l</i> .		20 12.
					-, w www			1110		•	10	1.	·	•••••••••••••••••••••••••••••••••••••••
•			Witness (f any)		·	RECE	IVED -	A	nic	e Ky	OULY_		
	<u> </u>		For Comm	ission				8 2012	<u> </u>		Chec	ked by		

KCC WICHITA

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l d	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exemp	status under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
and tha	at 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
	oment installation and/or upon type of completion or upon use being made of the gas well herein named. Pereby request a one-year exemption from open flow testing for the Boltz 2
	If 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: <u> </u>	4/16/12
	Signature: <u>Janice Ripley</u> Title: <u>Production Assistant</u>

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.