KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Туре Тез	it:	-				•	(See Instruc	ctions on Reve	erse Side	3)					
o	pen Fl	ow				Tost Dat	••			A (2)	No. 15	•		•	
D	elivera	bilty				Test Dat /-6-//	j			15-	.071-20150)-ccc			
Compan		Ope	erating, Ir	1C.				Lease Lee				1	Weil N	umber	
County Greeley			Location C SE			Section 27		TWP 17S		RNG (E/W) 40W			Acres 640	Attributed	
Field Bradsh	aw				· · · · · · · · · · · · · · · · · · ·	Reservoi L. Win	r field; U. F				hering Conne Midstream				
Completi 1/78	on Da	te			, <u>, </u>		k Total Dep	-			Set at	-			
Casing Size 4.5			Weight 10.5			Internal Diameter 4.04		Set at 3030		Perto 292	rations 3	To 2961	To 2961		
Tubing Size 2.375			Weig 4.7	ght	-	Internal Diameter 1.995		Set at 2991		Perfo	rations	То			
Type Cor Single	npletio Gas	n (D	escribe)			Type Flui Water	d Productio	n		Pump Ur Yes	nit or Traveling	Plunger? Yes	/ No		
Producing Annulus		(An	nulus / Tubi	ng)	 -	% C	arbon Dioxi	ide		% Nitrog	en	Gas G	ravity -	G	
Vertical E	epth(l	1)				1	Pres	sure Taps				(Meter	Run) (P	rover) Size	
Pressure	Builda	p:	Shut in	_/	-5 2	0 //_ at _/	8:45	(AM) (PM) 1	aken	1-6	20	11 at 8:4	5	(AM) (PM)	
Well on L	Ine:		Started		20) at		(AM) (PM) 1	aken		20	at		(AM) (PM)	
	.				,		OBSERVE	D SURFACE	DATA			Duration of Shut	-in	Hours	
Static / Oynamic Property	Orlf Siz (inch	.0	Citch ena Meter Prover Presi palg (Pm	sure	Pressure Differential In Inches H _g 0	Flowing Temperature t	Well Head Temperature t	Casin Walihead Pi (P _p) or (P ₁) psig	ressure	Wellher	ubling ad Pressure (P ₁) or (P ₀) psla	Duration (Hours)		Produced (arrels)	
Shut-In	1.2.	5							51	<u> </u>		24			
Flow					-	-									
					, <u>, , , , , , , , , , , , , , , , , , </u>	<u>. </u>	FLOW STR	EAM ATTRIE	UTES	<u> </u>			<u> </u>		
Plate Coeffiect (F _b) (F Mord	ent	Pro	Circle one: Meter or ver Pressure psla		Press Extension P _m xh	Grav Fact F	or 1	Flowing Temperature Factor F ₁₁	Fa	iation ctor	Metered Flow Pl (Mcfd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
	·		<u> </u>												
(P _c)2 =		_:	(P _w)2:	=	:	(OPEN FLO	- •	ERABILITY) (% (P,	CALCUL - 14.4) +		. :	(P _a)) ² = 0.2	:07	
(P _e) ² - (F	5")5 5")5	(P)2+ (P)2	4	000 formula 1 or 2: 1. P ₂ ² -P ₃ ² 2. P ₆ ² -P ₆ ² ad by: P ₆ ² -P ₈ ²	LOG of formula 1, or 2. and divide by:	P,2-P,2	Backpress Slope 	ure Curve = "n" /	лх	.00	Antilog	Op Del Equals	pen Flow Iverability I R x Antilog (Mcfd)	
·- ··		_				<u> </u>				 - -			•		
Open Flov	v		! !		Mcfd @ 14.6	i5_psia		Deliverabili	ty			Mcfd @ 14.65 ps	la		
					ehalf of the c				norized to	o make th	e above repoi	rt and that he ha		ledge of	
)an	ice	Riple	uj_	R	ECEIVED	
			Witness	u any	7			(U		∦ For C	ampleny		.v. 4 2 20	
			For Com	nissio	n						Chec	ked by	M	AY 1 2 20	

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	der penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
	going pressure information and statements contained on this application form are true and
correct to the bes	t of my knowledge and belief based upon available production summaries and lease records
of equipment inst	allation and/or upon type of completion or upon use being made of the gas well herein named.
i hereby requ	est a one-year exemption from open flow testing for the Lee 1
gas well on the g	rounds that said well:
(Check	: one)
	is a coalbed methane producer
一	is cycled on plunger lift due to water
一	is a source of natural gas for injection into an oil reservoir undergoing ER
\Box	is on vacuum at the present time; KCC approval Docket No.
$\overline{\checkmark}$	is not capable of producing at a daily rate in excess of 250 mcf/D
I further agre	e to supply to the best of my ability any and all supporting documents deemed by Commission
•	y to corroborate this claim for exemption from testing.
-1-1.	
Date: <u>5/9///</u>	
•	
	Signature: Janice Ripley Title: Production Assistant
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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.