KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	st:				((See Instruc	tions on Plev	erse Side	e)				
□ o	pen Fk	w											
Deliverabilty				Test Date: /-3-/3				API No. 15 071-20790-00-00					
Compan Horses		Оре	erating, In	C.			Lease Lee	······································			3-27	Welf Numbe	er
County Location Greeley C NE/4				tion	Section 27		TWP 17S		RNG (E/W) 40W		Acres Attributed		
Field Bradsh	naw				Reservoi Winfiel		······································			thering Conn Midstream	ection		
Completi 9/14/04		te			Plug Bac 3026	k Total Dep	th		Packer	Set at			
Casing Size 4.5			Weight 10.5		Internal Diameter 4.052		Set at 3030		Perforations 2926-28		To 2930-32		
Tubing Size 2.375			Weigi 4.7	nt	Internal Diame		r Set at 2983		Perforations 2936-38		To 2952-67		
Type Cor Single	mpletio	n (D		•		d Production		<u> </u>		nit or Traveling	·	/ No	
	g Thru	(An	nulus / Tubin	g)		arbon Dioxi	de		% Nitro	gen	Gas Gr	avity - G _g	
Vertical C	Depth(F	1)				Pres	sure Taps			· · · · · · · · · · · · · · · · · · ·	(Meter I	Run) (Prove	er) Size
2960	Drilde	.	Chut in	1-2	J3	8:30		Telega.	-/-	.3	13 at 8;	30 G	
Well on L							\smile				at	_)(PM))(PM)
		 				ORSERVE	D SURFACE	DATA		<u>, ,</u>	Duration of Shut-	in 24	Laure
Static / Orifice Dynamic Size Property (Inches			Citale ane: Meter	Pressure Differential	Flowing Well Head		Casing Wellhead Pressure		Tubing Wellhead Pressure		Duration of Shut-	Liquid Pro	Hours
			Prover Pressi psig (Pm)	in Inches H₂0	t	Temperature t	(P _w) or (P _t) or (P _c)		(P _w) or (P _t) or (P _c) psig psia		(Hours)	(Barrels)	
Shut-In						- ::		197			24		
Flow							_					<u></u>	
						FLOW STR	EAM ATTRIE	BUTES			· · · · · · · · · · · · · · · · · · ·		
Plate Coefficient (F _b) (F _p) Mcfd			Circle one: Meter or ver Pressure psia	Press Extension P _m x h	Extension Fac		Flowing emperature Factor F _{f1}	Deviation Factor		Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	et/	flowing Fluid Gravity G _m
(P _c)² =		_:	(P _w) ² =	:	(OPEN FLO	OW) (DELIVI	ERABILITY)	CALCUL - 14.4) +			(P _a) [;]	² ≈ 0.207 ² =	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P	(P _c) ² - (P _w) ² 1. P _c ² - P _a ² 2. P _c ² - P _d ²				Backpressure Curve Slope = "n"				Antilog	Open F Delivera Equals R x	ability Antilog
·				divided by: $P_c^2 - P_w^2$	by:	<u>'</u> ° ' <u>"</u>	Standar	d Slope				(Mcfc	d)
		-		<u> </u>									
Open Flow Mcfd @ 14.65			35 psia		Deliverabili	erability		, <u></u> l.	Mcfd @ 14.65 psia				
				behalf of the			this the	2	make the	ne apove repo	nt and that he ha	s knowledg	e of 13
			Witness (If	any)		KANSAS C	RECEIVE D ORPORATION	COMMISS	SION	Folk	of pany		
· 			For Commi	ssion			\DD 1 f '	2012		Chec	ked by		

APR 1 1 2013

CONSERVATION DIVISION WICHITA, KS

I declare under penalty of perexempt status under Rule K.A.R. 8	rjury under the laws of the state of Kansas that I am authorized to request 2-3-304 on behalf of the operator Horseshoe Operating, Inc.
and that the foregoing pressure is correct to the best of my knowledg of equipment installation and/or up	nformation and statements contained on this application form are true and see and belief based upon available production summaries and lease records on type of completion or upon use being made of the gas well herein named. Seemption from open flow testing for the Lee 3-27
is cycled on plu is a source of r is on vacuum a ✓ is not capable	ethane producer unger lift due to water natural gas for injection into an oil reservoir undergoing ER t the present time; KCC approval Docket No of producing at a daily rate in excess of 250 mcf/D e best of my ability any and all supporting documents deemed by Commission this claim for exemption from testing.
Date: 4-3-13	Signature:

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.