KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:					((See Instruc	tions on Re	verse Side	e)				
= '	n Flow				Test Date	a: "			API	No. 15	,		
Deliverabilty					4-3-14				15-071-20085 <i>-00</i> 0				
ompany lorsesho	ое Ор	erating, Ir	ıc.	- · · -			Lease Barr				1	Well N	umber
County Location Greeley C SW				on Section 7 16			TWP 17S		RNG (E/W) 40W			Acres Attributed 640	
Field Bradshaw				,	Reservoir L. Winfield/U.Ft. Rijey				Gas Gathering Connection DCF Midstream				
Completion Date 11/1975					Plug Bac 3033	k Total Dep	th		Packer Set at None		٠		
sing Size	Size Weight 10.5			Internal Diam 4.95			neter Set at 3050		Perforations 2964		то 3007		
bing Size 375	ing Size Weight			Internal Diar 1.995			er Set at 3023		Perforations		То		
Type Completion (Describe) Single Gas				<u> </u>		d Production		Pump Unit or Trave		it or Traveling	ing Plunger? Yes / No		
Producing Thru (Annulus / Tubing) Annulus					% Carbon Dioxide							s Gravity - G	
rtical Dep	th(H)			 ·		Pres	sure Taps				(Meter	Run) (F	rover) Size
ssure Bu	uilduo:	Shut in	4-6	2 ,	0/4/at_	8:00	(AM) (PM)	Taken	4-3	20	<u>/4</u> at8,	00	(AM) (PM)
ell on Line			·								at		(AM) (PM)
 -						OBSERVE	D SURFAC	E DATA	<u> </u>		Duration of Shut	-in	34 Hours
amic	Orifice Size Inches)	Circle and: Meter Prover Press psig (Pm)	Differential in		Flowing Well Head Temperature t t		(P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _I) or (P _c)		Duration Liq (Hours)		id Produced Barrels)
nut-In /.00		poig (i iii)		Themes Ft ₂ O			paig	99 99	psig	psla	24	-	
low													
	_ ,		,			FLOW STR	EAM ATTR	IBUTES					
Plate ceffiecient (F _b) (F _p) Mcfd		Girtle one: Meter or Prover Pressure psia		Press tension P _m x h	Fact	Gravity Factor F ₀		Temperature Factor		viation Metered Flow actor R ₂ F _{pv} (Mcfd)		eet/) 	Flowing Fluid Gravity G _m
		<u> </u>		-	(005)					·			
·=	:	(P _w)² =	<u> </u>	;	P _d =		ERABILITY % (F) CALCUL P _e - 14.4) +		<u></u> :) ² = 0.2) ² =	207
P _c)²- (P_a)² or P _c)²- (P _a)²		(P _c) ² - (P _w) ²		mula t or 2; 2-P ₂ ² 2-P ₃ ² : P ₂ ² -P ₃ ²	LOG of formula 1. or 2. and divide by:	formula 1. or 2, and divide p 2_p 2		Backpressure Curve Slope = "n" Assigned Standard Slope		л x LOG		Open Flow Deliverability Equals R x Antilog (Mcfd)	
					<u> </u>		_	<u> </u>	_			 	
en Flow			Mef	d @ 14.6	55 psia	<u>•</u>	Deliverab	ility				ia	
The unde		d authority, o	n behal	f of the	Company, st		e is duly au	uthorized t	o make the		rt and that he ha		ledge of 20 14.
		Witness (if any)		 -		_		ani	ce force	ipley	KCC	WICH
		For Comm	nission		<u>-</u>		-			Chec	ked by	APF	17 20 1
												_	

	perjury under the laws of the state of Kansas that I am authorized to request R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
correct to the best of my knowle of equipment installation and/or I hereby request a one-yea	re information and statements contained on this application form are true and edge and belief based upon available production summaries and lease records upon type of completion or upon use being made of the gas well herein named. If exemption from open flow testing for the
is cycled on is a source of is on vacuur ✓ is not capab	methane producer plunger lift due to water of natural gas for injection into an oil reservoir undergoing ER on at the present time; KCC approval Docket No ble of producing at a daily rate in excess of 250 mcf/D the best of my ability any and all supporting documents deemed by Commission at the this claim for exemption from testing.
	Signature: Janice Ripley Title: Froduction 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.