KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:		-		((See Instruc	ctions on Rev	arse Side)			
	Open Flow Deliverability			Test Date: - 7-//				API No. 15 15-071-201090			
Company Horseshoe	Оре	erating, Inc	 >.		<u> </u>	Lease Fecht				D-1	Well Number
County Location Greeley C SE			Section 28		TWP 18S	•		W)		Acres Attributed	
Field Bradshaw			Reservoi	r			Gas Gat	nering Conne			
Completion Date 5/11/76			Plug Bac 2952	k Total Dep	oth		Packer S None		<u>. </u>		
Casing Size Weight			Internal Diameter 4.052		Set at 2956		. Perforations 2882		то 2889		
ubing Size	oing Size Weight		t	Internal Diameter 1.995		Set at 2889		Perforations		То	
Type Completion (Describe) Single Gas			Type Fluid Production Water				Pump Unit or Traveling Plunger?			/ No	
Producing Thru (Annulus / Tubing) Tubing				% Carbon Dioxide				% Nitrogen		Gas Gravity - G	
/ertical Depth	(H)	· · · · · · · · · · · · · · · · · · ·	1		Pres	sure Taps				(Meter	Run) (Prover) Size
Pressure Build	lup:	Shut in	1-6 z	0 <u>//</u> at	8:00	(AM) (PM)	aken	4-7	20	1/ at 8;0	O (AN) (PM)
Vell on Line:		Started	•							at	
					OBSERVE	D SURFACE	DATA	-		Duration of Shut	-in_24_Hou
ynamic Si	ifice ize hes)	Girde one: Meter Prover Pressu psig (Pm)		Flowing Temperature t	Well Head Temperature t	(P _w) or (P _t) or (P _a)		Wellher (P _m) or	ubing ad Pressure (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)
Shut-In 5	00	pag (i iii)	Inches H ₂ 0		ļ	psig	98.2		psta	24	
Flow											
	1. –	arut		<u></u>	FLOW STE	REAM ATTRI	BUTES	 1	-		
Plate Coeffictient (F _b) (F _p) Mcfd	Pro	Circle one: Meter or ver Pressure psia	Press Extension P _m xh	Grav Fact F _e	or Temperature		Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	eet/ Fluid
' _c)² =		(P _w) ² =_		(OPEN FLO		'ERABILITY) % (P.	CALCUL - 14.4) +		•) ² = 0.207) ² =
(P _c) ² - (P _a) ² or (P _c) ² - (P _d) ²	(P _s) ² - (P _u) ²		1. P _a ² -P _a ² 2. P _a ² -P _a ²	LOG of formula 1, or 2, and divide	P,2. P,3	Backpressure Curv Slope = "n" Or Assigned Standard Slope			.00	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
		'	#Wided by: Pg2 - Pg2	Бу:		Standa	u siope				(111010)
pen Flow	<u> </u>										
	ianad	outbority on	Mcfd @ 14.6	. •	4444 i	Deliverabil	•			Mcfd @ 14.65 ps	as knowledge of
			d report is true			•	đ	day of	June	n and that he ha	, 20 //
		Witness (If	any)			_	J	mic	e Ky	eley-	RECEIV
·		For Commi	ssion			_			Chec	ked by	JUN 1-0-

l deci	lare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt st	atus under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
and that t	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
· ·	ent installation and/or upon type of completion or upon use being made of the gas well herein named. by request a one-year exemption from open flow testing for the Fecht D-1
	n 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
	er agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as ne	cessary to corroborate this claim for exemption from testing.
Date: <u>6</u>	1-8-11
	Signature: <u>Production</u> 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.