KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	st:			((See Instruc	tions on Rev	erse Side))				
	Open Flow											
Deliverabilty				リース - / 4				APJ No. 15 15-071-20598 ~ 0000				
Company Horseshoe Operating, Inc.				Lease Floyd				Well Number A 2-25				
County Location Greeley C SE			Section 25		TWP 198		RNG (E/W)		Acres Attributed 640			
Field. Bradshaw				Reservoir L. & U. Winfield			Gas Gathering Connection DCP Midstream					
Completion Date 9/8/93				Plug Back Total Depth				Packer !				
Casing Size Weight 4.5 9.5		ght	Internal I 4.052	Diameter	Set at 2976		Perforations 2849		то 2894			
Tubing Size Weight 2.375 4.7			ght	Internal I 1.995	Diameter	Set at 2917		Perforations		То		
Type Completion (Describe) Single Gas				Type Fluid Production Water				Pump Unit of Traveling Plunger? Yes / No Yes				
	- •	Annulus / Tubii	ng)	% C	arbon Dioxi	de		% Nitrog	jen	Gas Gra	svity - G _g	
Annulus	_											
Vertical Depth(H) Pressure Taps (Meter Run) (Prover) Size 2979												
2979												
Well on L	ine:	Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
			-		OBSERVE	D SURFACE	DATA			Duration of Shut-	n 24 Hours	
Static / Dynamic Property	Orifice Size (inches	Meter Prover Press	Differential	Flowing Temperature t	Well Head Temperature	Casin Weilhead F (P _w) or (P ₁	ressure	Wellhe	Tubing ead Pressure or (P ₁) or (P ₂)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	.500	psig (Pm)) Inches H ₂ O			psig	psia /	psig	psia	24		
Flow	1000	'					<i>W</i> 1		 		.	
			<u> </u>		EL OW STD	<u>I </u>	BUTES	<u> </u>		·		
Blata	$\overline{}$	Circle one:			PLOWSIN	_	BUIES					
Plate Coeffieci (F _b) (F Mcfd	ient p) /	Meter or Prover Pressure psla	Press Extension ✓ P _m x h	Grav Fact F _g	or 1	Flowing Femperature Factor Fr	Fa	riation actor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G _m	
		,				-	•				-	
				(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS				
(P _c) ² =	:	(P _w) ² :	=:	` P _a =			- 14.4) +		:	(P _a);	= 0.207 =	
(P _c) ² - (F	- 1	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² -P _d ² 2. P _c ² -P _d ²	1	D 2 D 2	Slepe	sure Curve e = "n" or lgned	. пх	LOG	Antilog	Open Flow Deliverability Equals R x Antilog	
	-	<u> </u>	divided by: Pc2 - P2	by:	P _c ² -P _w ²	Standa	rd Slope	_			(Mcfd)	
				1.	/	-						
Open Flov	N		Mcfd @ 14.6	35 psia		Deliverabil	lity	.		Mcfd @ 14.65 psi	a	
The u	ındersian	ed authority of	on behalf of the	Company. s	tates that h	e is dulv au	horized	to make t	he above reno	tand that he ha	s knowledge of	
			said report is true		. Executed		4	day of _	Augu	st)://	, 20	
		1174 -		KAN	SAS CORPO	RATION COM	AISSION.	as	uce K	pley	<u> </u>	
		Witness	(п алу)		ALIC	ሀ ፍ ኃርብ			For C	ompeny //		
	_	ForCom	πission		- AU G	0 6 2014	·	<u>K</u>	Chec	ked by		

CONSERVATION DIVISION WICHITA, K8

exempt status und and that the foreg correct to the best of equipment insta I hereby requi	er 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 to fmy knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the Floyd A 2-25
(Check	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
-	e to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
•	Signature: <u>Agrice Ripley</u> Title: <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 torm 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.