KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Туре Те	st:				(See Instruc	tions on Rev	erse Side	e)				
□ o	pen Flo	w		Test Date:				ADI-Manuary				
Deliverabilty				8/5	8/5/10			15-071-20598-00-00				
Company Horseshoe Operating, Inc.				//	Lease Floyd			Well Number A 2-25				
County Location Greeley C SE			Section 25	Control of the Control	TWP 19S		RNG (E/		Acres Attributed			
Field Bradshaw				Reservoir L. & U. Winfield				hering Conne idstream	ction			
Completion Date 9/8/93			Plug Bad	Plug Back Total Depth			Packer Set at None					
Casing 8 4.5	Casing Size Weight 4.5 9.5			Internal 4.052	Diameter	Set at 2976		Perforations 2849		то 2894		
Tubing S 2.375	Tubing Size Weight 2.375 4.7			Internal 1.995	Diameter	Set at 2917		Perforations		То		
Type Completion (Describe) Single Gas				• • •	Type Fluid Production Water			Pump Unit or Traveling Plunger? Yes / No Yes				
		(Annulus / Tubi	ng)	% (Carbon Dioxi	de		% Nitrog	en .	Gas Gr	avity - G _g	
Annulu Vertical D	_	1	· · · · · · · · · · · · · · · · · · ·		Pres	sure Taps				(Meter	Run) (Prover) Size	
2979					Flo	mal					711	
Pressure	Buildup	: Shut in	8/4_2	0 <u>/ 0</u> at	11:00	(AM) (PM)	Taken	8).	<u>5 </u>	0 at 1,5	3(AM)(PM)	
Well on L	ine:	Started	2	0 at		(AM) (PM)	Taken	·	20 .	at	(AM) (PM)	
			\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.		OBSERVE	D SURFACE	DATA		. [Ouration of Shut-	in 24_Hours	
Static / Orifice Dynamic Size Property (inches)		Meter Prover Pres	Differential in	Flowing Temperature t	emperature Temperature		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _i) or (P _c)		Liquid Produced (Barrels)	
Shut-In	,50	_) Inches H ₂ U			psig	psia 54	psig	psia	24		
Flow											·	
	·				FLOW STR	EAM ATTRI	BUTES					
Plate Coeffiec (F _b) (F Motd	ient	Circle one: Meter or Prover Pressure psia Press Extension Pnx h		Gravity Factor F _g		Flowing Temperature Factor F _{II}	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Genuite	
				(OPEN EL	OW) (DELIV	ERABILITY)	CALCIII	ATIONS				
(P _c) ² =		: (P _w) ² :	=:	P _d =			· 14.4) +		·	(P _a)	² = 0.207 ² =	
(P _c) ² - (F or (P _c) ² - (F	P _a) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by: Pc²-Pc²		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x 100	og []	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
,			**				V			· ·		
Open Flo	w		Mcfd @ 14.6	35 psia		Deliverabi	lity		N	lcfd @ 14.65 psi	a	
			on behalf of the				thorized t	1	e above report	and that he ha	as knowledge of	
ine iacis S	iateo ine	and that s	said report is true	and correc	ı. ⊨xecuted	this the	\bigcap	day of MXL.	Pinl	w	RECEIVED	
		Witness	(if any)			-	Ju	. ,	For Co	mpariy	OCT 1 4 20	
	-	Far Com	mission						Check		CC MICHI	

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc. and that 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 of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the Floyd A 2-25 gas well on 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 further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing. Date:

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.