KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	it:						(See Instru	ctions on Re	overse Sid	e)	•				
o	pen Fio	w				Test Dat	•			ADI	 No. 15				
Deliverabilty					2-10-11					1-20799-00	0-00				
Company Horseshoe Operating, Inc.						Lease Pringle A					. ,	4-25	Well Number 4-25		
County Location Greeley SE SE NW NW					Section 25				RNG (E/		Acres Attributed				
Field Bradshaw						Reservoir Winfield				Gas Gathering Connection DCP-Midstream					
Completion Date 9/10/04				Plug Back Total Depth 2884				Packer S	Set at						
Casing Size Weight 4.5 10.5				Internal 4.052	Internal Diameter 4.052			Perfo 286	rations 1	το 2880	•				
Tubing Size Weight 2.375 4.7				Internal i 2.000	Internal Diameter Set at 2.000 2871			Perfo	rations	То	То				
Type Completion (Describe) Single						Type Fluid Production Water				Pump Unit or Traveling Plunger? Yes / No					
Producing	g Thru	(Ani	nulus / Tubl	ng)		% (Carbon Dio	xide		% Nitrog	en	Gas G	ravity - G	e	
Vertical C 2960	Pepth(1)	-			,	Pre	ssure Taps	••			(Meter	Run) (Pr	over) Size	
Pressure	Buildu	ıp:	Shut in	2	-9 2	0 <u> </u>	8:45	AM (PM)	Taken	2-1	0 20	11 at 8.	450	AM) (PM)	
Weli on L	ine:	;	Started		20	0 at	-	_ (AM) (PM)	Taken		20	at	(AM) (PM)	
			Circle one:				OBSERV	ED SURFAC				Duration of Shut	1-in	4 Hours	
Static / Dynamic Property	Orifice Size (Inches)		Mater Prover Pressure psig (Pm)		Pressure Differential 'in Inches H ₂ 0	Temperature Temper		rature Wellhead Pro		Tubing Welthead Pressure (P _w) or (P _i) or (P _a) psig psia		Ouration (Hours)			
Shut-In							-		51			24			
Flow										<u> </u>	<u> </u>				
							FLOW ST	REAM ATTR	IBUTES			1	ı		
Plate Coefficient (F _b) (F _p) Mcfd		Glicie one: Meter or Prover Pressure psia			Press Extension P _m x h	ctension Fact		Flowing Temperature Factor F _{II}	Deviation Factor F _{pv}		Metered Flow Fl (Mcfd)	GOA (Cubic Fo Barrel	eet/	Flowing Fluid Gravity G	
P _c)² = <u></u>		<u>_</u> ;	(P _w) ² :	·	:	(OPEN FLO	OW) (DELIV	VERABILITY % (F) CALCUL 2 - 14.4) +		:	(P _a ; (P _a ;) ² = 0.20)7 	
(P _e) ² - (P _e) ² or (P ₋) ² - (P _e) ²		(P _a) ² - (P _a) ²		Choose formula 1 or 2: 1. P. 2 - P. 2 2. P. 2 - P. 3				Backpress Slope		n × L	.00	Antilog	Open Flow Deliverability Equals R x Antilog		
(P _e)* - (P	·,·				dby: P2-P2	and divide	P.2-P.2		signed ard Slope		L J		1 .	Acfd)	
			,						·				-		
pen Flow	v				Mcfd.@ 14.6	i5 psla		Deliverab	llity			Mcfd © 14.65 ps	ia		
					half of the e				<i>^11</i>	o make the	e above repor	rt and that he h	as knowle	adge of	
									(Dan	ce R	ipleur	, RF	CEIVE	
			Witness (f eny)				_			For Co	og party	344	v 27.7	
•			For Comm	ission				_			Check	ked by	MA	(† -6-1 4	

	nder penalty of perjury under the laws of the state of Kansas that I am authorized to request nder Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
	egoing pressure information and statements contained on this application form are true and
correct to the be	st of my knowledge and belief based upon available production summaries and lease records
	stallation and/or upon type of completion or upon use being made of the gas well herein named.
l hereby req	uest a one-year exemption from open flow testing for the Pringle A 4-25
gas well on the	grounds that said well:
(Chec	ok one)
,	is a coalbed methane producer
Ë	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.
<u> </u>	is not capable of producing at a daily rate in excess of 250 mcf/D
l further agr	ee to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessa	ry to corroborate this claim for exemption from testing.
Date: 5-21	4-11
•	
	· ·
	Signature: <u>Anice Ripley</u> Title: Production 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.