KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(See Instruct	ions on Re	verse Side	9)					
□ Op	oen Flo	W			Test Date	••			ΛDI	No. 15				
De	eliverat	oilty			4-3-	14				-075-20699	9-0000			
Company Horseshoe Operating, Inc.					Lease Hill			···································	,		1	Well Number		
County Hamilto	on	.	Locati C SW	on	Section 10			ttributed						
Field Bradsh	aw				Reservoir Winfield				Gas Gathering Conne DCP Midstream		ection	•		
Completion Date 10-27-1999				- 4	Plug Bac 2777 T	k Total Dept	h		Packer Set at					
Casing S 4.5	ize		Weigh	t	Internat 0 4.052	Diameter	Set 277			Perforations To 2736-38 2740-50 Perforations To				
Tubing S 2.375	ize	_	Weigh 4.7	t	Internal (2,0000		Set a 275		Perfo	rations	То			
Type Completion (Describe) Single gas				Type Fluid Production Water				Pump U	nit or Traveling	Plunger? Yes / No				
Producing Casing	g Thru	(Anı	nulus / Tubin	1)	% C	arbon Dioxid	de		% Nitrog	jen	Gas Gr	avity - G	0	
Vertical D	epth(l	1)			···	Press Flang	sure Taps ge		•		(Meter f	Run) (Pr	over) Size	
Pressure	Buildu	p: :	Shut in	1-2 2	014 at_		<u> </u>	Taken	43	20	14 at 8.0	000	ÂM) (PM)	
Well on L	.ine:		Started	2	0 at		(AM) (PM)	Taken	<u>. </u>	20	at	(AM) (PM)	
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	in \mathcal{L}	Hours	
Static / Dynamic Property	Orif Siz (inch	е	Meter Differentia		Flowing Well Head Temperature t t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	1 '	Liquid Produced (Barrels)	
Shut-In	19	50	parg (c my	menes 1120			psig	63	psig	psla	24		-	
Flow														
						FLOW STR	_	IBUTES			-			
Plate Coeffiec (F _b) (F Mcfd	ient _)	Pro	Circle one: Meter or ver Pressure psla	Press Extension √ P _m x h	Grav Fact F _g	tor T	Flowing emperature Factor F _{tt}	Fa	riation actor = pv	Metered Flow R . (Mcfd)	w GOR (Cubic Fe Barret)		Flowing Fluid Gravity G _m	
										-				
	_				(OPEN FLO	OW) (DELIVI	ERABILITY) CALCUI	ATIONS		(P.)	² = 0.20		
(P _c) ² =		<u>_:</u>	(P _w)² ≈	<u> </u>	P _d =		6 (F	P _c - 14.4) +	· 14.4 = _	<u>·</u> :	(P _d)			
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_a)^2$		(P _c) ² - (P _w) ²		Choose famula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ tivided by: $P_c^2 - P_a^2$	LOG of formula 1: or 2. and divide	P.2- P.2	Backpressure Cum Slope = "n" or Assigned Standard Slope		n x LOG		Antilog De		en Flow verability R x Antilog Mcfd)	
							_					,		
Open Flov	<i>w</i>		<u> </u>	Mcfd @ 14.	/ 65 psia		Deliverat	oility	\		Mcfd @ 14.65 ps	ì ia		
				id report is true			_	uthorized t	day of _	lugu ce k	ort and that he had a second and that he had a second and the had a seco	, 2	<u>14</u> .	
			For Commi	ssion			-			Che	cked by	TOTAL OIL	<u>oolmini99101</u>	

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	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
	t the foregoing pressure information and statements contained on this application form are true and
correct to	o the best of my knowledge and belief based upon available production summaries and lease records
	ment installation and/or upon type of completion or upon use being made of the gas well herein named. reby request a one-year exemption from open flow testing for the Hill #1
	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
l furi	ther agree to supply to the best of my ability any and all supporting documents deemed by Commiss
staff as r	necessary to corroborate this claim for exemption from testing.
Date:	8-4-14
	Signature:Ripley

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.