## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:			_	(	(See Insti	ructions on Re	verse Side	)			
	en Flov liverabi				Test Date	e: -/4				No. 15 -20137 - <i>00</i>	100	
Company Horsesh		erating, inc.				- <del></del>	Leasé Pringle		· · · · ·	<del>,                                    </del>	A-1	Well Number
County Location				Section	<del></del>	TWP	TWP		W)	Acres Attributed		
Greeley C SW NE 25 Field Reservoi					 r	188		40W Gas Gati	nering Conne	ection	640	
					L. Winfield Plug Back Total Depth			DCP M	idstream	n	<del></del> _a	
2-12-7 <u>8</u>	on Date			,	2915	K TOTAL D	epui	<u>-</u>	racker 5	et at		
Casing S I.5	asing Size Weight 5 10.5			Internal I	Diameter		Set at 2922		Perforations 2840		то 2860 ·	
Tubing S 2-3/8	oing Size Weight 4.7			Internal Diameter 1.995			Set at 2889'		ations	То		
Type Completion (Describe)				Type Fiui	d Produc		Pump Un		it or Traveling	Plunger? Yes	/ No	
Single (		(Annulus / Tul	oina)			Water % Carbon Dioxide				Pump - Rod  % Nitrogen Gas Gravity - G		
Annulus		(**************************************	,g/		,, ,	AIDON DA	Oxido		yo minogi	VIII	Guo C	
Vertical Depth(H)						Pressure Taps Flange					(Meter 3"	Run) (Prover) Size
Pressure	Buildup	: Shut in	4-0	2_2	0/4 at_		(AM) (PM)	Taken	4-3	20	14 at 9;	OO AM (PM)
Well on L	ine:	Started		2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
19 = 30 ;			<del></del> -			OBSER	VED SURFACI	F DATA			Duration of Shu	t-in 24 Hours
Static /	Orific	. Mote	1	essure erential	Flowing	Well Hea	Head Wellhead Pressure		Tubing Wellhead Pressure		Duration Liquid Produc	
Dynamic Property	Size (inche	Prover Pre	ssure	in les H,0	Temperature t	Temperati t	HTD I	(P <sub>w</sub> ) or (P <sub>i</sub> ) or (P <sub>c</sub> )		(P <sub>1</sub> ) or (P <sub>c</sub> )	(Hours)	(Barrels)
Shut-In							62		psig	1	34	† <del>`</del>
Flow												
	_ <del></del> -					FLOW S	TREAM ATTR	IBUTES				
Plate Coeffied (F <sub>b</sub> ) (F Mold	ient ,)	Circle one: Meter or Prover Pressure psia		ress ension P <sub>m</sub> xh	Gravity Factor F <sub>g</sub>		Flowing Temperature Factor	Fac	Deviation Factor F <sub>pv</sub>		GOR (Cubic F Barre	est/ Fluid
		<u></u>						<u> </u>				
P <sub>c</sub> )2 =		.: (P <sub>w</sub> )	² =	:	(OPEN FLO		.IVERABILITY; % (F	) CALCULA 2 - 14.4) +		, :		) <sup>2</sup> = 0.207 · · · · · · · · · · · · · · · · · · ·
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F		(P <sub>e</sub> ) <sup>2</sup> · (P <sub>w</sub> ) <sup>2</sup>	1. P.	mula 1 or 2: 2 - P 2 2 - P 2	LOG of formula 1, or 2, and divide	D, D,	Backpress Slope		nxL	x LOG	Antilog	Open Flow Deliverability Equals R x Antilog
	-		divided by:	P2-P2	by:	P.2 - P.2		ard Slope		·		· (Mefd)
			<del> </del>				42)	<del></del> _	<del>  -</del>	<u> </u>		<del> </del>
Open Flow Mcfd @ 14.65 psia						Deliverab	Deliverability			Mcfd @ 14.65 psia		
The	ındersig						•	1/2	make the	e above repor	rt and that he h	as knowledge of
	tated the	erein, and that	said repor	rt is true '	and correct	LAGGG			$ \ \  \ \ $		<i>)</i> . //.	
	tated the		said repor	rt is true	and correct				$ \ \  \ \ $	ill f	ij lei	KCC WICH

JUN 2 0 2014

, to p	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 Pringle A-1
	gas well on the grounds that said well:
	(Charles and
	(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 yacuum at the present time; KCC approval Docket No.
	is not capable of producing at a daily rate in excess of 250 mcf/D
	I 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: 6-16-14
	·
	·
	Signature: Januce Ripley
	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.

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