RECEIVED

Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Tes	st:				(See Instru	ictions on Re	everse Side	e)				
	pen Flo	w		Tost Det				* ADI	No. 15	,		
De	Deliverabilty			Test Date: 4-3-/4				API No. 15 15-071-20153- <i>6000</i>				
Company Horseshoe Operating, Inc.				Lease Sleigh				1			Well Number	
County Location Greeley NW NW			Section 1		TWP 17S			(W)		Acres 640	Attributed	
^{Field'} Bradshaw			/ Reservoir U, Ft. Riley				Gas Gathering Connection DCP Midstream					
Completion Date				Plug Back Total Depth 1880				Packer Set at None				
Casing S 1.5	sing Size Weight 5 10.5			Internal 3.9	Diameter	Set at 3030		Perforations 2936		то 2953	To 2953	
.375	Ding Size Weight 4.7			Internal 1.995	Diameter		Set at Perfo		rations	То		
lype Completion (Describe) Single Gas				Type Fluid Production Water			Pump Unit or Traveling Plunger? Yes / No Yes					
roducing Innuius		(Annulus / Tul	oing)		arbon Dio	xide		% Nitrog	en	Gas G	ravity - (G _p
ertical D 030	epth(H)		,	Pre	ssure Taps				(Meter	Run) (P	rover) Size
ressure	Buildup	o: Shut in _	4-2	20/4 at_	8,00	(AM)(PM)	Taken	4.	320	14 at 8,	00	(AM) (PM)
iell on L	ine:	Started		. 20 at	·- <u>-</u> -	_ (AM) (PM)	Taken	- -	20	at		(AM) (PM)
f- h				ч	OBSERV	ED SURFAC	E DATA			Duration of Shu	t-in	Hours
Static / lynamic roperty	Size	Orifice Circle one: Size Meter Dinches) Circle one: Meter Dinches		Temperature	Well Head Temperature			Tubing Wellhead Pressure $(P_{\psi}) \bowtie (P_{t}) \bowtie (P_{c})$		Duration (Hours)		
Shut-In	.15	psig (Po	n) Inches H ₂	0		psig	62	psig	psla	24		
Flow						T	,		 			
		. <u></u>			FLOW STI	REAM ATTR	IBUTES	I		l		
Plate Coeffieci (F _b) (F _c Mcfd	ent)	Meter or E)		Gravity Factor F		Flowing Temperature Factor F ₍₁	Devi Fa	iation ctor	Metered Flor R (Mcfd)	W GOR (Cubic F Barrel	eeV	Flowing Fluid Gravity G _m
				(ODEN EI (/ERABILITY	CALCIII	ATIONS	·			
)²=	= -	: (P _w):	Choose farmula 1 c	P _d =			- 14.4) +		·) ² = 0.2) ² =	07 ==
(P _e) ² - (P or (P _e) ² - (P	2)2	(P _c) ² - (P _w) ² 1. P _c ² 2. P _c ² divided by:		D 2 LOG of formula D 2 1, or 2.		Backpressure Curv Slope = "n" 		hxL	.00	Antilog	Deli Equals	en Flow Iverability R x Antilog (Mcfd)
	-					 		-	 -		<u> </u>	
pen Flow	<u> </u>		Mcfd @ 1	4.65 psia	<u> </u>	Deliverab	oility _			Mcfd @ 14.65 ps	ia.	
The u	ndersig	ned authority,	on behalf of th	e Company, s	tates that h	ne is duly au	uthorized to	make th	e abøve repo	rtand that he h	as know	ledge of
			said report is tr				15	day of	apri	il	:	<u> 14</u> .
								ani	12) 1	inller		
		Witnes	s (if arry)			-		HOV. IUU		or bany	\mathcal{H}	^ \∦∤ ⊢⊔

زرين. ا declare under penalty	of perjury under the laws of the state of Kansas that I am authorized to request
	A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
	ure information and statements contained on this application form are true and
	vlédge 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-ye	ear exemption from open flow testing for the Sleigh 1
gas well on the grounds that	said well:
(2)	
(Check one)	ed methane producer
<u> </u>	on plunger lift due to water
	e of natural gas for injection into an oil reservoir undergoing ER
=	um at the present time; KCC approval Docket No
	able of producing at a daily rate in excess of 250 mcf/D
	,
	to the best of my ability any and all supporting documents deemed by Commission rate this claim for exemption from testing.
Date: 4-15-14	•
	
	° .
•	Signature: Janice Ripley
	Title:
	>

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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