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

Type Test	:				(-	See Instruct	tions on Reve	erse Side)	)					
	en Flov				Test Date	ı:			API	No. 15				
Del	liverabi	ty			09/20/20	012			15-1	159-21688-0	001			
Company Daystar		eum	, Inc				Lease CRANDA	<b>NLL</b>				2	Vell Nu	mber
County RICE		Location 2970FSL/3670FEL		Section 8				RNG (E/W) 6W				Acres A 640	Attributed	
Field ODESSA	4 A			<b>N</b>	Reservoir 1155155					nering Conne CAN ENERO				
Completic 08/15/19		)			Plug Back	k Total Dept	th		Packer S	et at				
Casing Size 4.5			Weigh 10.5	t	Internal E	Set at 3222		Perforations 5 SPF			то 3153-3157			
Tubing Size 2.375			Weigh 4.7	t	Internal Diameter 1.995		Set at <b>3173</b>		Perforations			То		
Type Con SINGLE	npletion E (G	(De	escribe)		Type Flui	d Production	n		Pump Un	it or Traveling	Plunger?		<b>№</b>	
			nulus / Tubing	1)	% C	arbon Dioxi	ide		% Nitrog	en		Gas Gr	avity - (	3 <sub>9</sub>
Vertical D 5450	Vertical Depth(H) 5450						sure Taps NGE TAP					(Meter F 2"	Run) (P	rover) Size
Pressure	Buildu	o:	Shut in09/2	20 2	0_12_at_1	0:00	(AM) (PM)	Taken 09	/21	20	12 at	10:00		(AM) (PM)
Well on L	ine:	;	Started	2	0 at		(AM) (PM)	Taken		20	at _			(AM) (PM)
						OBSERVE	D SURFACE	DATA			Duration	of Shut-	in	Hours
Static / Dynamic Property	Orific Size (inche	,	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H <sub>0</sub> 0	Flowing Temperature t	Well Head Temperature t	(P <sub>w</sub> ) or (P <sub>1</sub>	ressure or (P <sub>c</sub> )	Wellhe	ubing ad Pressure (P <sub>1</sub> ) or (P <sub>c</sub> )	Dura (Hou			id Produced Barrels)
Shut-In			poig (i iii)	mones rigo			psig 100	psia	psig	psia	24			
Flow														
	- 1					FLOW STF	REAM ATTRI	BUTES						
Plate Coeffiec (F <sub>b</sub> ) (F Mcfd	ient		Circle one: Meter or ver Pressure psia	Press Extension ✓ P <sub>m</sub> x h	Grav Fac F <sub>s</sub>	tor	Flowing Temperature Factor F <sub>11</sub>	Fa	ation ctor py	Metered Flow R (Mcfd)	- 1	GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G <sub>m</sub>
						<u> </u>								
(D \2 -			(D )2	:	,		<b>(ERABILITY)</b> % (P <sub>.</sub>					(P <sub>a</sub> )	<sup>2</sup> = 0.2	207
$(P_c)^2 = {(P_c)^2 - (P_a)^2}$ or $(P_c)^2 - (P_d)^2$			P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2  1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w$	Pc2 - P2 LOG of formula 1. or 2.  Pc2 - P2 1. or 2. and divide		% (P <sub>c</sub> - 14.4) +  Backpressure Curve Slope = "n" or Assigned Standard Slope		I		Anti		Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo	w			Mcfd @ 14	.65 psia		Deliverabi	lity			Mcfd @ 1	14.65 ps	ia	
		•	•	n behalf of the			•		o make th	UGUST	-1414-1	******************************	,	20 13
			Witness (i	f any)	KANSAS	RECEI CORPORAT	VED	Days	star III )	Tetro	Jew Empany	m, -	<del>1</del> 0	·C
			For Comm	nission	101110110		F 00:0	T'lal	your g	Chec	ked by			•

AUG 0 5 2013

l de	eclare 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 Daystar Petroleum, Inc
	t the foregoing pressure information and statements contained on this application form are true and
	to the best of my knowledge and belief based upon available production summaries and lease records
of equip	oment installation and/or upon type of completion or upon use being made of the gas well herein named.
l he	reby request a one-year exemption from open flow testing for theCRANDALL #2
gas wel	I 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
	is not capable of producing at a daily face in excess of 250 file/ib
l fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commissio
staff as	necessary to corroborate this claim for exemption from testing.
Date: 0	98/01/2013
	Signature:
	Signature. // W/7/C///

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 president report of annual test results.

KANSAS CORPORATION COMMISSION