RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	: '	•		•	(See	Instruct	tions on Rev	verse Side)				
Lanna	en Flow			Tes	st Date:				. API	No. 15			
De	liverabilty	24HRS	hut In T	est 10	/16/13	•			15-	033-21152 -	-0000	•	
Company America	, .						Lease Kerstett	er			#:	Wel 3-33	l Number
County Location Comanche C-SE-NW			Sec 33	ction 3	TWP 32S			W)		Acre	es Attributed		
Field Birdeast					servoir ssissippia		Gas Gathering Conne — American						
					g Back Tot 78'	al Dept	h	Packer Set at					
Casing Size Weight 51/2 15.5			Inte	ernal Diam	eter	Set at 5899'		Perforations 5116'		то 5178'			
Tubing Size Weight 23/8 4.7				ernal Diamo	eter	Set at 5100'		Perfo	Perforations		То		
					Type Fluid Production Formation water.				Pump Unit or Traveling Plunger? (Feg. / No Pumping unit				No .
Producing Annulus		nnulus / Tubi	ng)		% Carbo	n Dioxi	de		% Nitrog	en	G	as Gravit	y - G _g
Vertical D						Press	sure Taps	*			(N	leter Run) (Prover) Size
Pressure	Buildup:	Shut in 10)/16	₂₀ 13	at_12:15	РМ	(AM) (PM)	Taken_10)/17	20	13 _{at} 12	2:15PM	(AM) (PM)
Well on L		•								20			
	• • •		•		ОВ	SERVE	D SURFACE	DATA			Duration of	Shut-in _	24 Hours
Static / Dynamic Property	Orifice Size (inches)	ze Prover Pressure in		ial Tempe	Flowing Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P _c)		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig psia				iquid Produced (Barrels)
Shut-In				2-			psig 165	psia	psig	psia	i		
Flow							45						
,		i	!	· ·	FLO	W STR	EAM ATTRI	BUTES		,			
Plate Coefficeient (F _b) (F _p) Mcfd		Circle one: Meter or rover Pressure psia	Press Extension	on'	Gravity Factor F _g	Т	Flowing emperature Factor F ₁₁	Deviation Factor F _{pv}		Metered Flov R (Mcfd)	(Cu	GOR bic Feet/ Barrel)	Flowing Fluid . Gravity G _m .
P _c) ² =		(P _w) ²	=	(OPE	P _d =	(DELIVI	ERABILITY)	CALCUL _c - 14.4) +				$(P_a)^2 = (P_d)^2 =$	0.207
(P _c) ² - (F or (P _c) ² - (F	2 _a) ²	(P _o)² ~ (P _w)²	Choose formula 1. $P_c^2 - P_c^2$ 2. $P_c^2 - P_c^2$ divided by: P_c^2	2 L(to 2 1.	OG of rmula or 2. d divide by:	- P _w ²	Slop Ass	sure Curve e = "n" origned ird Slope	nxl	.og	Antilog	Eq	Open Flow Deliverability uals R x Antilog (Mcfd)
						-							
·	<u> </u>	•										1	<u> </u>
Open Flov				14.65 psi			Deliverabi				Mcfd @ 14.6	_ <u>`</u>	
			on behalt of said report is							e above repo CTOBER	rt and that I	ne has kr	nowledge of
							VARABARANA		C_{I}	0110.1	Caca	1	•
		Witness	(if any)							$\mathcal{O}(\mathcal{A})$	igmptany	4	KCC W
		For Com	ımission				_			Chec	cked by		NOV 2

	I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
٠.	exempt status under Rule K.A.R. 82-3-304 on behalf of the operator American Warrior 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 Kerstetter #3-33
	gas well 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
•	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: 10/31/2013
	andraturi de la composition de la comp La composition de la
	Signature: - X A A D A A A A
· . · .	Signature: SULLIU (ASL
:	Title: PRODUCTION ASSISTANT
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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.