Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	:					• (See Instruc	ctions on Re	everse Side	e)				
	en Flov					Test Date	a·			ΔPI	No. 15			
Del	liverabi	ty 24	7-44 Shu	et la	nTest	10/22/1			•		175-20736 -	-0000		
Deliverability 24Hr Shut In Test Company American Warrior Inc.				•		Lease Lepper	Lease Lepper				Well Number #2-11			
County Location Seward C-NE-NW-NW				Section 11	,	TWP - 33S			RNG (E/W) 31W		Acres Attributed	-		
Field Kismit					Reservoii Mississi				Gas Gathering Connec		ection		_ , .	
Completion Date Plug Back Total Depth Packer Set at 5981'														
Casing Si 41/2	ize		Weig 10.5	ht		Internal D 4.052	Diameter	Set 599		Perfor	rations 9'	To 5935 '		· · · · · ·
Tubing Siz	ze		Weig 4.70			Internal E 1.995	Diameter	Set 587		Perfo	rations	То		.
Type Completion (Describe) Gas						d Production				Pump Unit or Traveling Plunger? Pumping unit		Yes / No		
Producing		(Ann	ulus / Tubii	ng)		% C	arbon Diox	ide		% Nitrog	en .	Gas Gr	avity - G _g	
Vertical D	epth(H)					Pres	ssure Taps		•		(Meter I	Run) (Prover) Size	
Pressure	Pressure Buildup: Shut in 10/22 20 13 at 11:00AM (AM) (PM) Taken 10/23 20 13 at 12:00PM (AM) (PM)													
Well on Li	ine:	5	Started		20	0 at		. (AM) (PM)	Taken		20	at	(AM) (PM)	
							OBSERVE	ED SURFAC	E DATA			Duration of Shut-	in 24 Hou	rs ·
Static /	Orific	е	Circle one:		Pressure	Flowing	Well Head	. Ca	sing		ubing			
Dynamic Property	Size (inche	- 1	Meter Prover Press psig (Pm)	- 1	Differential in Inches H ₂ 0	Temperature t	Temperature t	(P _w) or (F	Pressure	(P _w) or	ad Pressure (P _t) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In		٠.	poig (i m		mones ri ₂ o			psig 95	psia	psig	psia			
Flow								50						7
FLOW STREAM ATTRIBUTES														
Plate Coeffiecie (F _b) (F _p Mcfd	ent.	1	Circle one: Meter or ver Pressure psia		Press Extension ✓ P _m x h	Grav Fact F _g	or	Flowing Temperature Factor F ₁₁	Fa	riation letor e	Metered Flov R (Mcfd)	y GOR (Cubic Fe Barrel)	Growity	
														-
						• •		ERABILITY	•				² = 0.207	⊣
(P _c) ² =		:	(P _w) ² :		se formula 1 or 2:	$P_d = 1$		T .	² _c - 14.4) +		 ;	(P _a) ²	2 =). Til
(P _c) ² - (P or (P _c) ² - (P	"	(P _c)²- (P _w)²	2	. $P_c^2 - P_a^2$. $P_c^2 - P_d^2$ ad by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by:	P _c ² - P _w ²	Slo As	essure Curve pe = "n" - or esigned lard Slope	n x L	OG _	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)]
					······································									1
] .
Open Flow	V			ı	Mcfd @ 14.6	35 psia		Deliverab	oility	,		Mcfd @ 14.65 psi	a	
												rt and that he ha		
tne tacts sta	ated the	erein	, and that s	aid r	eport is true	and correct	Executed	this the 5		day of	OVEMBER	^	, 20 13	
			Witness	if any)						À	elle	1('ase	- KCC W	ICHI
		-	For Com					-		K	11et	ayes	NOV 2	7 J040
			i oi comi	. 1133(01)	•) Chec	ved by		/ ZUI3
		. <						•	r.**	•			KEC	EIVED

		e e	•		
, , ,	der penalty of perjury ι				to request
exempt status ui	nder Rule K.A.R. 82-3-30	04 on behalf of the o	perator American W	/arrior Inc.	<u> </u>
and that the for	egoing pressure inform	ation and statemer	nts contained on this	application form a	e true and
correct to the be	est of my knowledge and	l belief based upon	available production	summaries and lea	se records
of equipment ins	stallation and/or upon typ	oe of completion or	upon use being made	of the gas well her	ein named.
l hereby req	uest a one-year exempt	ion from open flow	testing for the Leppe	er #2-11	··
gas well on the	grounds that said well:	•			
(Chec	ck one)				
(6//6/	is a coalbed methane	e producer	•		
<u> </u>	is cycled on plunger		*		
	is a source of natura	*	nto an oil reservoir un	dergoing EB	·
	is on vacuum at the p	•		oorgomy Err	
			te in excess of 250 n	ncf/D	· · · · ·
<u> </u>					
I further agr	ee to supply to the best	of my ability any a	nd all supporting doc	uments deemed by	/ Commission
	ary to corroborate this c				
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44/05/40	•				
Date: 11/05/13		•			
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		Signature:	Sulling		-
		Title: PRO	DDUCTION ASSISTA	ANT	
	•				
•					
<u> </u>					

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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