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

Type Tes	t:				(	See Instruct	tions on Reve	erse Side,	)			
	en Flo				Test Date	· );			API	No. 15		
De	eliverab	ilty?	44r.Shu	HITEST	9/6/2014	4			15-(	057-20602 -		
Company America	У						Lease Hagar				3-36	Vell Number
County Location Ford SE-SW-SE-NW			Section 36				RNG (E/ 23W	W)	Acres Attributed			
Field					Reservoi Mississi				Gas Gati City of f	nering Conn ford	ection	
Completion Date 6/30/08			· · · · · · · · · · · · · · · · · · ·	Plug Back Total Depth 5155				Packer S NA	et at	- 14 14 11 11 11 11 11 11 11 11 11 11 11		
Casing Size 51/2			Weight 15.5`		Internal Diameter 4.950'		Set at 5197'		Perforations 5082'		то 5107	
Tubing Size 2.375		···	Weigh	nt	Internal D 1.995		Diameter Set at 5152		Perforations		То	
Type Completion (Describe) Oil &Gas				Type Fluid Production Oil & formation water				Pump Unit or Traveling Plunger? Yes / No Pumping unit				
Producin	g Thru	(Anr	nulus / Tubin	g)		arbon Dioxi			% Nitrog	<del></del>	Gas Gra	avity - G <sub>g</sub>
Annulu												
Vertical I	Depth(F	1)				Pres	sure Taps				(Meter F	Run) (Prover) Size
Pressure	Buildu	p: :	Shut in 9/6	2	0 14 at 9	:00AM	(AM) (PM)	Taken_9/	7	20	14 at 9:00AN	//(AM) (PM)
Well on L	_ine:	;	Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
						OBSERVE	D SURFACE	DATA			Duration of Shut-i	in 24 Hours
Static / Orific Dynamic Size Property (inche		e	Circle one: Meter Prover Pressi		Flowing Well Head Temperature		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)
Shut-In	,	,	psig (Pm)	Inches H <sub>2</sub> 0			psig 60	psia	psig_	psia	Recei KANSAS CORPORAT	ved ON COMMISSION
Flow						<u>-</u>	10				DEC 1	5 2014
						FLOW STR	EAM ATTRI	BUTES			ÇONSERVATIO	Al-Divierati
Plate Coeffice (F <sub>b</sub> ) (F Mofe	eient		Circle one: Meter or ver Pressure psia	Press Extension P <sub>m</sub> x h	Grav Fac F	tor	Flowing Femperature Factor F <sub>11</sub>	Fac	ation ctor	Metered Flor R (Mcfd)	I WICHITA	N.KS Flowing
<u> </u>					/OREN EL	OWN (DELIN	ERABILITY)	CALCIII	ATIONS			
(P <sub>c</sub> ) <sup>2</sup> =		:	(P <sub>w</sub> ) <sup>2</sup> =	: :	P <sub>a</sub> =		•	- 14.4) +		:	(P <sub>a</sub> ) <sup>2</sup>	² = 0.207 ² =
(P <sub>o</sub> ) <sup>2</sup> - (P <sub>a</sub> ) <sup>2</sup> or (P <sub>c</sub> ) <sup>2</sup> - (P <sub>d</sub> ) <sup>2</sup>		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		Choose formula 1 or 2  1. $P_c^2 - P_e^2$ 2. $P_c^2 - P_e^2$ divided by: $P_c^2 - P_e^2$	LOG of formula 1. or 2. and divide P 2 P 2		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
					<u> </u>		-		-			
Open Flo	nw		,	Mcfd @ 14.	65 psia		Deliverabil	ity			Mcfd @ 14.65 psi	a
		aned	l authority. o			states that h		•	make th	e above repo	ort and that he ha	
		_	•	aid report is true			-			ECEMBER		, 20 14
-			186tanas 1	if noul					Shu	mu [	ase	
			Witness (	n any)			_		Y	nork	Hager	

I declare under penalty of perjury under the laws of the	·
exempt status under Rule K.A.R. 82-3-304 on behalf of the op	perator_American Warrior Inc.
and that the foregoing pressure information and statement	s contained on this application form are true and
correct to the best of my knowledge and belief based upon a	vailable production summaries and lease records
of equipment installation and/or upon type of completion or u	·
I hereby request a one-year exemption from open flow te	esting for the Hager #3-36
gas well on the grounds that said well:	
	Received KANSAS CORPORATION COMMISSION
(Check one)	DEC 1.5.2014
is a coalbed methane producer	CONSERVATION DIVISION
is cycled on plunger lift due to water	WICHITA, KS
is a source of natural gas for injection into	
is on vacuum at the present time; KCC ap	
is not capable of producing at a daily rate	e in excess of 250 mct/D
I further agree to supply to the best of my ability any an	d all supporting documents deemed by Commission
staff as necessary to corroborate this claim for exemption for	rom testing.
Date: 12/2/2014	
Date	
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Signature	olle kase
Tale: WEI	L OPERATIONS ASSISTANT
Title: VVEL	- OF ERVITORO / NOTO I // NI

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.