KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	st:				(See Instruct	ions on Rev	erse Side	;)					
Or	pen Flo	w			Total Date				4.0	l blood m				
De	eliverat	oiity	4Hr.Sh	والتراكر	Test Date 11/31/26					l No. 15 ·077-21504 -	-0000			
Compan	У			MATIN 163	<u>,, , , , , , , , , , , , , , , , , , ,</u>		Lease Marvel					Vell Nu	mber	
County Location Harper C-NW-SE-NE			Section 1		TWP 31S		RNG (E/W) 8W		Acres Attributed					
Field Spivey-Grags-Basil				Reservoi				Gas Gathering Con		ection	_			
Completion Date . 5/24/05				Plug Bac 4830'	k Total Dept	th		Packer Set at						
Casing Size Weight 51/2, 15.5				Internal Diameter 4.950		Set at 4849'		Perfo	orations 9'	то 4375'				
Tubing Size			Weight 4.70		Internal Diameter		Set at 4827'		Perforations		То			
Type Completion (Describe)					Type Fluid Production Formation water&oil				Pump Unit or Traveling Plunger? Yes / No Pumping unit					
Gas & oil Producing Thru (Annulus / Tubing)					% Carbon Dioxide				% Nitrog		Gas Gra	Gas Gravity - G		
Annulu	~				,, ,				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	3.13	,	- 9	
Vertical [٦)				Pres	sure Taps				(Meter F	Run) (P	rover) Size	
Pressure	Buildu		Shut in11/3	1 2	0_14_at_1	1:00AM	(AM) (PM)	Taken 12	2/1	20	14 at 11:00A	M (AM) (PM)	
Well on L	_ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
	1					OBSERVE	D SURFACE	DATA			Duration of Shut-i	n_24	Hour	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressur	Pressure Differential in Inches H _o 0	Flowing Well Head Temperature		Casing Welthead Pressure $(P_*) \text{ or } (P_t) \text{ or } (P_a)$		Tubing Wellhead Pressure (P_w) or (P_i) or (P_c)		Duration (Hours)	l `a	Liquid Produced (Barrels)	
Shut-In			psig (Pm) Inches		20		920	psia	psigpsia		Receive KANSAS CORPORATION			
Flow							80				DEC 1			
						FLOW STR	EAM ATTRI	BUTES			CONSERVAT	ION DIV TA. KS	ISION	
Plate Coefficient (F _b) (F _p) Mcfd		Pro	Gircle and: Meter or ver Pressure psia	Press Extension √ P _m x h	sion Factor		Flowing Temperature Factor F _{t1}		iation ctor	Metered Flow R (Mcfd)]		Flowing Fluid Gravity G _m	
					(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS	<u> </u>	(D.)2		07	
(P _c) ² =		:	(P _w) ² =_	:	P _d =	9	% (P,	- 14.4) +	14.4 =		(P _a) ²	= 0.2		
$(P_e)^2 - (P_a)^2$ or $(P_e)^2 - (P_d)^2$		(F	P _e) ² - (P _w) ²	hoose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ivided by: $P_c^2 - P_a^2$	LOG of	P _c ² - P _y ²	Backpressure Curve Stope = "n" Or Assigned Standard Stope				Antilog	Op Deli Equals	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo	w			Mcfd @ 14.	65 psia		Deliverabi	lity			Mcfd @ 14.65 psi	a		
		-	d authority, on				•			<u>.</u>	ort and that he had		ledge of 20 14 .	
			Witness (if	any)			_			XIIII		<u></u> _		
			For Commis	noie	n.a vinnarr		_			Che	cked by	4		

Noment atatus and a Dula K A D. 00 0 004 and babalf afthe and	e state of Kansas that I am authorized to request
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	pon use being made of the gas well herein named.
I hereby request a one-year exemption from open flow te	esting for the Marvel #1-1
gas well on the grounds that said well:	
(Check one)	Received KANSAS CORPORATION COMMISSION
is a coalbed methane producer	DEC 15 2014
is cycled on plunger lift due to water	CONSERVATION DIVISION
is a source of natural gas for injection into	WICHITA, KS o an oil reservoir undergoing ER
is on vacuum at the present time; KCC ap	proval Docket No
is not capable of producing at a daily rate	e in excess of 250 mcf/D
I further agree to supply to the best of my ability any and	d all supporting documents deemed by Commissio
staff as necessary to corroborate this claim for exemption fr	rom testing.
	-
Date: 12/11/2014	
Jale. 12/11/2014	
Signatura	
Signature:	L OPERATIONS ASSISTANT

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.