KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Open Flow
Company American Warrior Inc. Lease Marcellus Lease Marcellus Ease Marcellus Ease Marcellus Energy Field Shuck Northwest Completion Date 4/23/84 Casing Size Weight Internal Diameter Set at 4/25/8 Tubing Size Weight Internal Diameter Set at 23/8 4.70 Type Completion (Describe) Type Fluid Production Foramtion water Find Beservoir Gas Gathering Connection Find Connection Find Connection Find Connection Find Connection Find Energy Facker Set at Perforations Foramtion water Foramtion water Fund Production Pump Unit or Traveling Plunger? Yes / No Gas & oil Foramtion water Froducing Thru (Annulus / Tubing) Mell Number Well Number #C-1 Twp Gas Gathering Connection Find Energy Foranction Forations Foramtion Perforations Foramtion water Foramtion water Foramtion water Gas Gravity - Gg Radian Number Well Number #C-1 Well Number #C-1 Well Number #C-1 #C-1 Well Number #C-1
American Warrior Inc. County Location Section TWP RNG (EW) Acres Attributed Stevens C-NW-NW-SW 25 32S 35W Field Reservoir Gas Gathering Connection Shuck Northwest Mississippian Internal Diameter Set at Perforations To 51/2 15.5 4.950 6433' 5945' 5960' Tubing Size Weight Internal Diameter Set at Perforations To 23/8 4.70 1.994 6423' Type Completion (Describe) Type Fluid Production Foramtion water Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - Gg Annulus
Stevens C-NW-NW-SW 25 32S 35W Field Reservoir Mississippian Connection Energy Completion Date 4/23/84 6426' Casing Size Weight Internal Diameter Set at Perforations To 51/2 15.5 4.950 6433' 5945' 5960' Tubing Size Weight Internal Diameter Set at Perforations To 23/8 4.70 1.994 6423' Type Completion (Describe) Type Fluid Production Foramtion water Yes Annulus Packer Set at Perforations To 5945' 5960' Perforations To 6423' Perforations To 6423' Perforations To 6423' Pump Unit or Traveling Plunger? Yes / No Gas & oil Foramtion water Yes Annulus Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - G _g Annulus
Shuck Northwest Completion Date 4/23/84 Casing Size Weight 51/2 15.5 Tubing Size Weight 1nternal Diameter Set at 4.70 Type Completion (Describe) Gas & Oil Plug Back Total Depth 6426' Set at Perforations To 5960' Tubing Size Weight 1nternal Diameter Set at Perforations To 4.70 Type Fluid Production Foramtion water Pump Unit or Traveling Plunger? Yes / No yes Producing Thru (Annulus / Tubing) Annulus Mississippian Lint Energy Packer Set at Perforations To 4.23/8 Perforations To Pump Unit or Traveling Plunger? Yes / No yes Gas Gravity - Gg Annulus
Completion Date 4/23/84 Casing Size Weight Internal Diameter Set at Perforations To 51/2 15.5 4.950 6433' 5945' 5960' Tubing Size Weight Internal Diameter Set at Perforations To 23/8 4.70 Type Completion (Describe) Type Fluid Production Foramtion water Producing Thru (Annulus / Tubing) % Carbon Dioxide Packer Set at Perforations To 4.950 Pump Unit or Traveling Plunger? Yes / No yes Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - Gg Annulus
51/2 15.5 4.950 6433' 5945' 5960' Tubing Size Weight Internal Diameter Set at Perforations To 23/8 4.70 1.994 6423' Type Completion (Describe) Type Fluid Production Foramtion water Yes Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - Gg Annulus
23/8 4.70 1.994 6423' Type Completion (Describe) Type Fluid Production Foramtion water yes Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - Gg Annulus
Gas & oil Foramtion water yes Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - Gg Annulus
Annulus
M 2 10 2/0
Vertical Depth(H) Pressure Taps (Meter Run) (Prover) Size
Pressure Buildup: Shut in 10/27 20 15 at 10:30AM (AM) (PM) Taken 10/28 20 15 at 10:45AM (AM) (PM)
Well on Line: Started 20 at (AM) (PM) Taken 20 at (AM) (PM)
OBSERVED SURFACE DATA Duration of Shut-in 24 Hours
Static / Orifice Dynamic Size Property (inches) Pressure psig (Pm) Static Honor Pressure psig (Pm) Static Property Pressure psig (Pm) Static Pressure Property (Pm) or (P1) or (P2) (Pm) or (P3) or (P3
96 / 8 20m
Shut-in 90 CONSERVATION DIVISION 10 WICHITA, KS
FLOW STREAM ATTRIBUTES
Plate Coefficient (F _b) (F _p) Mcfd Prover Pressure psia Gravity Temperature Pform F _q F _q P _m x h F _q P _q X h F _q
(OPEN FLOW) (DELIVERABILITY) CALCULATIONS $(P_e)^2 = 0.207$ $(P_c)^2 =$: $(P_w)^2 =$: $(P_d)^2 =$: $(P_d)^2 =$
Open Flow Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of
the facts stated therein, and that said report is true and correct. Executed this the
Witness (if any) Sulluyase For Company
For Commission — Full Flaves Checkey by

	under penalty of perjury under the laws of the state of Kansas that I am authorized to request under Rule K.A.R. 82-3-304 on behalf of the operator American Warrior Inc.
	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
	installation and/or upon type of completion or upon use being made of the gas well herein named.
	request a one-year exemption from open flow testing for the Marcellus #C-1
gas well on t	ne grounds that said well:
(0	heck 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
l formale en	and all appropriate the best of the children and all appropriate decorated by Commission
	agree to supply to the best of my ability any and all supporting documents deemed by Commission
stan as nece	ssary to corroborate this claim for exemption from testing.
_ 4440	0045
Date: <u>11/13</u>	<u>2015 </u>
	Signatura
	Signature: Sillli as L

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.