KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Horseshoe Operating, Inc. Wear County Location Section TWP Greeley N W N W 30 17S Field Reservoir Telegraph	API No. 15 071-20845-0000 Well Number #4
Company Lease Horseshoe Operating, Inc. Wear County Location Section TWP Greeley N W N W 30 17S Field Reservoir	. #4
County Location Section TWP Greeley N W N W 30 17S Field Reservoir	
ield Reservoir	RNG (E/W) Acres Attributed 40W
ranchaw Lowel Winield, Ulber Ft. Miss	Gas Gathering Connection DCP Midstream
Completion Date Plug Back Total Depth 3010	Packer Set at
Casing Size Weight Internal Diameter Set at .5 10.5 4 3012.83	Perforations To 2897-2936 2959-2964
ubing Size Weight Internal Diameter Set at	Perforations To
ype Completion (Describe) Type Fluid Production Single (Gas) Salt Water	Pump Unit or Traveling Plunger? Yes / No No
Producing Thru (Annulus / Tubing) % Carbon Dioxide	% Nitrogen Gas Gravity - G _g
Tubing /ertical Depth(H) Pressure Taps Flange Taps	(Meter Run) (Prover) Size 2 inch
Pressure Buildup: Shut in 05/20 20 13 at 5:45 AM (AM) (PM) Take	
Well on Line: Started 20at (AM) (PM) Take	
OBSERVED SURFACE DA	TA Duration of Shut-in 98 Hour
Static / Orifice Size Property (inches) Static / Property (inches) Static / Orifice Size Property (inches) Size Pr	(P_w) or (P_t) or (P_c) (Hours) (Barrels)
	sia psig psia 4.4 121 134.4 98 n/a
Flow	
FLOW STREAM ATTRIBUT	TES TO THE TOTAL TOTAL TO THE THE TOTAL TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTA
Plate Coefficient (F _b) (F _p) Mctd Coefficient (F _b) (F _p) Prover Pressure psia Press Extension Factor Factor F _g Factor F _g F _g	Deviation Metered Flow GOR Flowing Factor R (Cubic Feet/ Gravity G _m
(OPEN FLOW) (DELIVERABILITY) CA $P_c)^2 = $: $P_d = $. $P_d = $. $P_c = $	4.4) + 14.4 = $(P_a)^2 = 0.207$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	n x LOG Antilog Deliverability Equals R x Antilog
Open Flow Mcfd @ 14.65 psia Deliverability	Mcfd @ 14.65 psia
The undersigned authority, on behalf of the Company, states that he is duly author	ized to make the above report and that he has knowledge of
ne facts stated therein, and that said report is true and correct. Executed this the 04	
A Table States and only and that said report is the arm soften. Exceeded the the	day of June KCC WIC
Witness (if any)	Janual Ripley JUL 05 2
For Commission	Checked by RECEIV

	e under penalty of perjury under the laws of the state of Kansas that I am authorized to request
	us under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
	foregoing pressure information and statements contained on this application form are true and
	e best of my knowledge and belief based upon available production summaries and lease records
	t 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
-	the grounds that said well:
gas wen on i	ne grounds that said well.
(0	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
	agree to supply to the best of my ability any and all supporting documents deemed by Commissionssary to corroborate this claim for exemption from testing.
Date: <u>06/04</u>	/2013
	Signature:

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.