KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Open Flow Deliverability 7est Date: 2-13-13 Company Lease		
Horseshoe Operating, Inc. Buck	1-3	II Number
County Location Section TWP F	RNG (E/W) Acr 40W	res Attributed
TOO TOO	Gas Gathering Connection DCP Midstream	
Completion Date Plug Back Total Depth Po 2-5-2001 2664	Packer Set at	
Casing Size Weight Internal Diameter Set at 4.5 10.5 4.052 2677	Perforations To 2598 2607	
Fubing Size Weight Internal Diameter Set at 2-3/8 4.7 2.000 2797	Perforations To	
Type Completion (Describe) Type Fluid Production Production	Pump Unit or Traveling Plunger? Yes / I	
Producing Thru (Annulus / Tubing) % Carbon Dioxide %	% Nitrogen Gas Gravit	ıy - G _u
Vertical Depth(H) Pressure Taps	(Meter Rur	n) (Prover) Size
Pressure Buildup: Shut in <u>2-/2</u> 20/3 at /0:00 (AM) (PM) Taken 6 Well on Line: Started 20 at (AM) (PM) Taken		
OBSERVED SURFACE DATA	Duration of Shut-in	24 Hours
Static / Orifice Oynamic Oynamic (inches) Pressure (inches) Property (inches) Orifice Oynamic (inches) Oynam	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) (Hours)	Liquid Produced (Barrels)
shut-in 500 psig (Pm) Inches H ₂ 0 psig psia	psig psia 24	
Flow		
Plate Circle one: Coefficient (F _b) (F _p) Mcfd Prior Pressure psia Press Extension Factor	tor R (Cubic Feet/	Flowing Fluid Gravity G _m
(OPEN FLOW) (DELIVERABILITY) CALCULAT	· ar	. 0.207
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	n x LOG Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flow Mcfd @ 14.65 psia Deliverability The undersigned authority, on behalf of the Company, states that he is duly authorized to	Mcfd @ 14.65 psia 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	lay of June	, ₂₀ <u>/3</u> .
Witness (if any)	For Company KC	CC WICH
For Commission	Checked by	IIN 10 201

JUN 19 2013

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc. and that the 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 of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the Buck 1-3 gas well on the grounds that said well:
(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
staff as necessary to corroborate this claim for exemption from testing. Date: $6-12-13$
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.