KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Horseshoe Operating, Inc. County Location Section TWP RNG (E/W) A Greeley C SE 28 18S 40W Field Reservoir Gas Gathering Connection. Bradshaw Completion Date State Plug Back Total Depth Packer Set at None Casing Size Weight Internal Diameter Set at None Casing Size Weight Internal Diameter Set at Perforations To 4.5 10.5 4.052 2956 2882 2889 Tubing Size Weight Internal Diameter Set at Perforations To 1.995 2889 Type Completion (Describe) Type Fluid Production Water Yes Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Graves Tubing Vertical Depth(H) Pressure Taps (Meter River) Well on Line: Started 20 at (AM) (PM) Taken 20 at Casing Weilhead Pressure Dynamic Size Programs Pressure Differential Repeature Researce Programs Pressure Dynamic Size Programs Pressure Differential Repeature Researce Programs Pressure Researce (Researce Researce	iun) (Prover) Size (AM) (PM) (AM) (PM)		
Company Horseshoe Operating, Inc. County County Cose	No No Noity - G (AM) (PM) (AM) (PM)		
Horseshoe Operating, Inc. County	No No Noity - G (AM) (PM) (AM) (PM)		
Field Reservoir Gas Gathering Connection DCPMHdstream Completion Date Plug Back Total Depth Packer Set at None	V No vity - G _g iun) (Prover) Size O (AM) (PM) (AM) (PM)		
Reservoir Gas Gathering Connection	iun) (Prover) Size (AM) (PM) (AM) (PM)		
Completion Date 5/11/76 Plug Back Total Depth 2952 None Casing Size Weight 4.5 10.5 10.5 4.052 2956 2882 2889 Tubing Size Weight 2.375 Type Completion (Describe) Type Fluid Production Yes Producing Thru (Annulus / Tubing) Tubing Vertical Depth(H) Pressure Buildup: Shut in 4.7 Casing Pressure Buildup: Shut in Confice Opynamic Statte / Orifice Opynamic Size Prover Pressure Buildup: Pressure Dynamic Size Prover Pressure Plug Back Total Depth Plug Back Total Depth Packer Set at None Perforations To 2889 Perforations To 2989 Pump Unit or Traveling Plunger? Yes / Yes Water Yes Water Yes (Meter River) OBSERVED SURFACE DATA Duration of Shut-in Temperature Temperature Temperature (R) Lead Possure	iun) (Prover) Size (AM) (PM) (AM) (PM)		
Casing Size Weight 10.5 4.052 2956 2882 2889 Tubing Size Weight 1.995 2889 Tubing Size Weight 1.995 2889 Type Completion (Describe) Type Fluid Production Yes / Yes Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Grave Tubing Vertical Depth(H) Pressure Taps (Meter River) Well on Line: Started 20 at (AM) (PM) Taken 20 at Stattc / Orifice Size Mater Dynamic Size Mater River (R) as (R) as (R	iun) (Prover) Size (AM) (PM) (AM) (PM)		
Tubing Size Weight 4.7 1.995 2889 Type Completion (Describe) Type Fluid Production Pump Unit or Traveling Plunger? Yes / Yes Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Graveling Tubing Vertical Depth(H) Pressure Taps (Meter Richard Differential Depth (PM) Taken 20 at Static / Orifice Opynamic Size Prover Pressure In Differential Temperature Richard Pressure Weilhead Pressure Wei	iun) (Prover) Size (AM) (PM) (AM) (PM)		
Type Completion (Describe) Single Gas Production Water Yes Producing Thru (Annulus / Tubing) Wester Pressure Tubing Vertical Depth(H) Pressure Buildup: Shut in 4-2 20 4 8 00 (AM) (PM) Taken Well on Line: Started OBSERVED SURFACE DATA OBSERVED SURFACE DATA Duration of Shut-in Static / Orlfice Dynamic Size Observed Size Prover Pressure OBSERVED SURFACE DATA Duration of Shut-in Well Head Temperature Wellhead Pressure	iun) (Prover) Size (AM) (PM) (AM) (PM)		
Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravitation	(AM) (PM)		
Vertical Depth(H) Pressure Taps (Meter River Taps) Pressure Buildup: Shut in 4-2 20/4at 8/00 (AM) (PM) Taken 20/4 at 8/00 (Meter River Taps) Well on Line: Started 20 at (AM) (PM) Taken 20 at OBSERVED SURFACE DATA Duration of Shut-in Casing Tubing Temperature Temperature Temperature Temperature (R) as ((AM) (PM)		
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Static / Orifice Dynamic Size Pressure Prover Pressure Differential Differential Temperature In Prover Pressure In Prover Pressure In Prover Pressure In Prover Pressure In In Indiana India	2//		
Static / Orifice Dynamic Size Prover Pressure In Pressure Prover Pressure In Provent In Provent In Provent In Provent In Provent In	24		
Static / Orifice Meter Differential Temperature Temperature (P.) or (P	n <u>a 7</u> Hour		
	Liquid Produced (Barrels)		
Property (inches) psig (Pm) Inches H ₂ 0 t t (Pylot (1) of (2) (Pm) psig (Pm) Inches H ₂ 0 t t (Pylot (1) of (2) (Pm) psig psia psig psia (Pm) psig (Pm	k Kanana		
Flow	·		
FLOW STREAM ATTRIBUTES			
Plate Coefficient Coefficient (F _p) (F _p) Mcfd Coefficient Coefficient Press Extension Factor Factor F _p F _p Pmxh F _p Gravity Flowing Temperature Factor Factor F _p F _p (Cubic Feet Barrel)	Flowing Fluid Gravity G _m		
(OPEN FLOW) (DELIVERABILITY) CALCULATIONS (P _s) ² = (P _w) ² =	= 0.207		
Choose formula 1 or 2: Backpressure Curve			
	Open Flow Deliverability Equals R x Antilog (Mcfd)		
	<u> </u>		
	·		
Open Flow Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia	1		
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has	s knowledge of		
the facts stated therein, and that said report is true and correct. Executed this the day of	, 20 /4		
Witness (If arry) Witness (If arry) Witness (If arry)	Received as corporation co		
For Commission Checked by	OCT 0 2 20		

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	nder the laws of the state of Kansas that I am authorized to request 4 on behalf of the operator Horseshoe Operating, Inc.
and that the foregoing pressure information correct to the best of my knowledge and of equipment installation and/or upon types.	ation and statements contained on this application form are true and belief based upon available production summaries and lease records e of completion or upon use being made of the gas well herein named. on from open flow testing for the Fecht D-1
is on vacuum at the pi	· .
I further agree to supply to the best of staff as necessary to corroborate this class	of my ability any and all supporting documents deemed by Commission aim for exemption from testing.
Date: <u>9-3-/4</u>	
	Signature: Opnice Ripley Title: Production 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.

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