RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	:			(See Instructi	ions on Reve	rse Side	9)			
Open Flow			Test Date: /- 3 - / 4			API No. 15 071-201720000					
Company Horseshoe Operating, Inc.		Lease Ross						2	Well Number		
County Location Greeley C SW/4 NV			Section 5		TWP 18S		RNG (E/W) 39W		Acres Attributed 640		
Field Bradshaw		,		Reservoir Winfield				Gas Gathering Conne		ection	·
Completion Date 7-5-79		,		Plug Back Total Depti 2965'		h		Packer S	et at		
Casing Si 4-1/2"	sing Size Weight			Internal Diameter 4.052		Set at 3003'		Perforations 2909'		то 2925' ·	
Tubing Si: 2-3/8"	ing Size Weight		t	Internal Diameter 1.995		Set at 2883'		Perforations		То	
Type Completion (Describe) Single - Gas				Type Fluid Productio		n F		Pump Unit or Traveling Plunger?		Plunger? Yes	/ No '
Producing Thru (Annulus / Tubing) Annulus			% Carbon Dioxide				% Nitrogen Gas Gravity - G ₉				
Vertical D				•	Press	sure Taps				(Meter	Run) (Prover) Size
Pressure	Buildup:			14 _{et} 0	_	(AM) (PM) 1			•	14 at 9,0	
Well on Li	ine:	Started	20	at		(AM) (PM) 1	aken		20	at	(AM) (PM)
· · ·		Circle one:	Pressure			D SURFACE Casin		 	Tubing	Duration of Shut-	in 4 Hours
Static / Orifice Dynamic Size Property (inches		Meter Differential To		Flowing Well Head Temperature t t		Welihead Pressure (P _w) or (P _t) or (P _o) psig psia		Wellhead Pressure		Duration (Hours)	Liquid Produced (Валгеіs)
Shut-In	,500					60				24	
Flow	_									-	<u> </u>
_				г	FLOW STR	EAM ATTRIE	UTES	I			
Plate Coeffieci (F _b) (F _i Mcfd	ient _p) <i>Pi</i>	Circle one: Meter or rover Pressure psia	Press Extension ✓ P _m xh		rity or	Flowing emperature Factor	Fa	riation actor = pv	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	I Genville I
		·	-			,				'	
(P _c) ² =	:	(P _w) ² =		OPEN FLO		ERABILITY) 6 (P _e		ATIONS 14.4 =	· :	(P _a) (P _d)	² = 0.207 ² =
(P _c) ² - (F or (P _c) ² - (F		P _c)²- (P _w)²	Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_a^2$	LOG of formula 1. or 2. and divide by:	P _c ² -P _w ²	Backpress Slope 	= "n" : gned	n x	rog	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
O F					•	Delivershill	4				
Open Flow	-	ed authority, on	Mcfd @ 14.69	••	tates that he	Deliverabili e is duly auti	<u> </u>	o make th		Mcfd @ 14.65 ps	
	-		id report is true a				1/2	day of _	June	· · · · · ·	
•		Witness (if	anyl	`			()ar	rice 1	Kipley ompany	ÆCC WICH I
	~ 	·				<u>.</u>				· • • •	
		For Commi	ssion				_		Checi	ked by	JUN 2 0 2014

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 úpon 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 Ross #2									
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									
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.									
· ·									
Date: 6-16-14									
\cdot									
Signature: Januce Kipley									
Title: Production Assistant									
Liffe:									
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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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