KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	it:				(See Instruc	tions on Reve	erse Side)					
	pen Fl elivera				Test Date	: 13				No. 15 5-20815-0 6	3-00			
Compan	y shoe	Ope	erating, In		/ / O	<u> </u>	Lease Yoder		1	32	1	Well N	umber	
County Hamilton			Location NE SE NW		Section 34		TWP 22S		RNG (E/W) 40W			Acres 640	Attributed	
Field ಿಂ Bradsh	OH JOH				Reservoi Winfiel		-			thering Conn k Field Ser		5.		
Completi 1/4/05	on Da	ate			Plug Bac 2652	k Total Dept	th		Packer					
Casing Size 4.5			Weight 10.5		Internal Diameter 4.052		Set at 2657		Perforations 2630		To 2639	2639		
Tubing Size 2.375			Weight 4.70		Internal Diameter 2.000		Set at 2643			erations	То	·		
Type Cor Single		•	,		Water	d Production				nit or Traveling		/ No		
			nulus / Tubin	g)	% C	arbon Dioxi	de '		% Nitrog	gen .	Gas Gı			
Vertical D	Depth(H)				Pres	sure Taps		_m				rover) Size	
Pressure	Build	ир:	Shut in		0/3 at /		(AM) (PM) T				13 at 10;3		(AM) (PM)	
Well on L	ine:		Started	2	0 at		(AM) (PM) T	aken		20	at		(AM) (PM)	
			, twist en	-		OBSERVE	D SURFACE		1 .		Duration of Shut	in A	4 Hours	
Static / Dynamic Property	namic Size		Circle one: Meter Prover Presst psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t t		I Walingari Praggiira		Tubing Wellhead Pressure (P_w) or (P_l) or (P_c) psig psia		Duration (Hours)	, ,		
Shut-In	.50	20					(65			24			
Flow								·				<u></u>		
						FLOW STR	EAM ATTRIB	UTES					T7	
Coeffieci	Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or over Pressure psia	Press Extension P _m x h	Extension Factor		or Temperature		ation ctor	Metered Flow R (Mcfd)	v GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
								L						
(5.) 2					•	• •	ERABILITY) (² = 0.2	207	
(P _c) ² =		=	(P _w)² =	: Choose formula 1 or 2:	P _d =			- 14.4) +	14.4 =	: :	(P _d)	1		
or	$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		_c) ² - (P _w) ²	 P_c²-P_a² P_c²-P_d² Ivided by: P_c²-P_w² 	p ² p ² 1. or 2.		Backpressure Curv Slope = "n"or		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
										1.5				
						•	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		<u></u>			<u> </u>		
Open Flow	<u>, </u>	<u>. </u>	·	Mcfd @ 14.6	5 psia	, , , , , , , , , , , , , , , , , , ,	Deliverabilit	у			Mcfd @ 14.65 ps	a		
		_		behalf of the (1.4		14	5	make the	Octoly	rt and that he ha	s know	rledge of 20 25.	
1.41			Witness (if	any)		· ·	· .		ani	ce K	ipley orthograpy		· · · · · · · · · · · · · · · · · · ·	
	·		For Commis						<u>'</u>	Chec	ked by			

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 Yoder #1
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 Commissi
staff as necessary to corroborate this claim for exemption from testing.
10.15.12
Date: _/ <u>U1513</u>
Signature: Janiel 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.

OCT 18 2013
CONSERVATION DIVISION WICHITA, KS