KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

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Type Test	t:					(See Instru	uctions	on Rev	verse Side	9)						
Open Flow					Test Date:												
✓ Deliverabilty					Test Date: 12/09/14					API No. 15 171-20629-00 00							
Company Discovery Natural Resources LLC							Lease Pfenninger						Well Number 12-29-1831				
County Location Scott NW SW					Section 29			WP 8S	······································	RNG (E/W) 31W			Acres Attributed				
Field Hugoton NE				Reservoir Krider			Gas Gathering C OneOk				nnection						
Completion 10/04/20		е				Plug Bac 2987	Plug Back Total Depti 2987			h		Packer Set at		·			
Casing Size 5.5			Weigh 15.5		Internal D 4.950	Internal Diameter 4.950			it 3	Perforations 2774			то 2786				
Tubing Si	ize		Weight 4.7			Internal I 1.995	Internal Diameter 1.995			ıt 4	Perforations			То			
				Type Flui Water	Type Fluid Production				Pump Ur No	nger? Yes	/ No						
Producing Thru (Annulus / Tubing) Tubing					% C	arbon Dio	oxide			% Nitrogen 42.67			Gas Gravity - G _g				
Vertical D	Depth(H	l)				.00	Pressure Tap						(Meter Run) (Prover) Size				
4788' Flange 2.067 Pressure Buildup: Shut in 12/9 20 14 at 2:10PM (AM) (PM) Taken 12/10 20 14 at 2:10PM										A							
Pressure Buildup:		•	Shut in 1219				14 at 2.10FW				20					(AM) (PM)	
Well on Line:		:	Started		20) at		(AN	1) (PM)	Taken				_ at		(AM) (PM)	
			<u>, </u>				OBSERV	VED S	URFACE	DATA			Dur	ation of Shut-i	n	Hours	
Static / Orifi		Meter			Pressure Differential	Flowing	Well Head		Casing Wellhead Pressure		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)		Liquid Produced (Barrels)		
Dynamic Property	•) Prover Pressure psig (Pm)		in Inches H,0	Temperature t	Temperatu t	erature (P)		psia							
Shut-in								11		ром	poly	Police	24	<u> </u>			
Flow																	
	-						FLÓW S1	TREAL	ATTR	IBUTES							
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia			Press Extension P _m x h	Fac	Gravity Factor F _g		Temperature		eviation Metered Fig Factor R F _{pv} (Mcfd)		OW GOR (Cubic Fee Barrel)		ot/	Flowing Fluid Gravity G _m	
						(005)					4710110		l				
(P _c) ² =		:	(P) ² =	=	:	(OPEN FL		.IVERA %) CALCUL 14.4) +		<u>-</u> .		(P _a) ² (P _d) ²	= 0.2 =	207	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Choc	ose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ed by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	formula 1. or 2. and divide p 2 p 2		Backpressure Curw Slope = "n"or Assigned Standard Slope		, n x 100		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flo	w				Mcfd @ 14.0	55 psia		D	eliverab	ility			Mefe	1 @ 14.65 psia	a		
The u	unders	igned	authority, c	n b	ehalf of the	Company, s	states that	t he is	duly au	thorized t	o make th	e above repo	ort ai	nd that he has	s knov	vledge of	
the facts s	tated t	herei	n, and that s	aid	report is true	and correc	_		the _21	st	day of D	ecember	1		,	20	
			Witness	if an	a)	KANSAS C	Receive ORPORATIO	N COM	AISSION_		W)			
			For Com			JA	N 05	2015	i _				Compa				
			For Cumi	masiC	•••	CONS	ERVATION I WICHITA, K	Divisio (S	M			Che	orea I	·1			

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 Discovery Natural Resources LLC 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 Pfenninger 12-29-1831
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: December 21, 2014
Received KANSAS CORPORATION COMMISSION JAN 0 5 2015 Title: Regulatory Specialist CONSERVATION DIVISION WICHITA, KS

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.