KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruc	tions on Rev	erse Side)				
Open Flow			T	Test Date:									
✓ Deliverabilty				Test Date: API No. 1 12/09/14 171-207									
Company Discovery Natural Resources LLC					12.0071	Lease Weisenberger					Well Number 11B-7-1931		
County Location Scott NW NE SW				Section 7				RNG (EA	W)		Acres Attributed 480		
				Reservoir Krider	Reservoir Krider			Gas Gath OneOk	nering Conn	ection			
Completion Date 10/20/2010				Plug Back 2942'	Plug Back Total Depth 2942'			Packer S	et at				
Casing Size Weight 4.5 10.5				Internal D	Diameter	Set at 2979'		Perforations 2766'		то 2722'			
Tubing Size Weight 2.375 4.7				nt	Internal E 1.995	Set at 2768'		Perforations		То	То		
					Type Fluid Water	Type Fluid Production			Pump Unit or Traveling Plunger? Yes / No No			/ No	
Producing Thru (Annulus / Tubing) Tubing				% C	% Carbon Dioxide			% Nitrogen 43.38		Gas Gra 664	Gas Gravity - G _g 664		
Vertical D	epth(H	1)				Pressure Taps Flange					(Meter F 2.067	lun) (Prover) Size	
Pressure	Buildu	p: :	Shut in 12/	92	0_14_at_3:			Taken_12	2/10	20	14 at 3:15PN	/I (AM) (PM)	
Well on L	ine:	ļ	Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERVE	D SURFACE	DATA	_		Duration of Shut-i	n_24Hours	
Static / Dynamic			Circle one: Meter Prover Pressi		Flowing Temperature t	Weil Head Temperature	Wellhead F	Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		ubing ad Pressure (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-in	(mon.		psig (Pm)	Inches H ₂ 0	,	<u> </u>	psig 300	psla	psig	psia	24		
Flow													
						FLOW STR	REAM ATTRI	BUTES					
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle ons: Meter or Prover Pressure psia		Press Extension √ P _m x h	xtension Facto		or Temperature		Deviation Metered F Factor R F P (Mcfd)		w GOR (Cubic Fer Barrel)	Flowing Fluid Gravity G _m	
					(OPEN FL	OW) (DELIV	/ERABILITY)	CALCUL	ATIONS		(P) ²	= 0.207	
(P _c) ² =		_:	(P _w) ² =		P _d =		% (P	₋ - 14.4) +	14.4 =	:	(P _d)2		
$(P_c)^2 - (P_s)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Choose formula 1 or 2 1. $P_c^2 - P_s^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide p 2 - p		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x 10G		Antilog	Open Flow Deliverability Equats R x Antilog (Mcfd)	
Open Flor	w				65 psia		Deliverabi	lity			Mcfd @ 14.65 psi	a	
The	undersi	igned	d authority. o	n behalf of the	Company. s	states that h	he is duly au	thorized to	o make th	e above repo	ort and that he ha	s knowledge of	
		•	•	aid report is tru	e and correc	t. Executed	·	st	()	ecember		, 20 <u>14</u> .	
			Witness	if any)	- · · · · · · · · · · · · · · · · · · ·		0 5 2015		\mathcal{A}	A Cor	Company	<u> </u>	
•			For Comr	mission		CONSERV	ATION DIVISION CHITA, KS	-		Che	cked 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 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 Weisenberger 11B-7-1931 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 Signature: Man 0 5 2015 CONSERVATION DIVISION WICHITA, KS Received Regulatory Specialist Regulatory Specialist

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.