## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

. . 1

Type Test	::			6	See Instructi	ions on Rev	erse Side	)				
Op	en Flow			Test Date	<b>,-</b>			ΔDF	No. 15			
De	liverabilty	1		April 2,					-20869-00	00		
Company Monarc		leum Corp				Lease Brunsw	ig			1-3	Well Nu	mber
County Greeley	, '	Locatio 1320fnl	n &1320fwl	Section 3		TWP 18S		RNG (EA	V)		Acres A 640	ttributed
Field Byerly				Reservoir Towand	la/Ft Riley	/		Gas Gath Duke	ering Conn	ection		
Completic			<u> </u>	Plug Bac 3010	k Total Dept	h		Packer S none	et at			
Casing S 4.5	ize	Weight 10.5	, , , , , , , , , , , , , , , , , , , ,	Internal E 4.052	Diameter	Set a 3010		Perfor 2916		To <b>2972</b>		
Tubing S 2.37528		Weight 4.7		Internal D 1.995	Diameter	Set a 2890		Perfor	ations	То		
Type Con single g	•	(Describe)		Type Flui water	d Production	)		Pump Un pump	it or Traveling	Plunger? Yes <b>Yes</b>	/ No	
Producing	•	Annulus / Tubing	)	% C	arbon Dioxid	de		% Nitroge	en	Gas 6 <b>0.82</b> 8	iravity - G	ag .
Vertical D	Depth(H)				Press flang	sure Taps <b>e</b>				(Meter 3.06		over) Size
Pressure	Buildup:	Shut in <u>04-0</u>	11 2	0 14 at 0	7:30 am	(AM) (PM)	Taken_04	-02	20	14 at 07:35	am (	AM) (PM)
Well on L	ine:	Started	2	0 at		(AM) (PM)	Taken		20	at	(	AM) (PM)
					OBSERVE	D SURFACI	E DATA		<u></u>	Duration of Shu	24	Hours
Static / Dynamic Property	Orifice Size (inches	Meter Prover Pressur		Flowing Temperature t	Well Head Temperature t	Cas Wellhead (P <sub>w</sub> ) or (P	Pressure	Wellhea	ubing ad Pressure (P <sub>t</sub> ) or (P <sub>c</sub> )	Duration (Hours)		d Produced Barrels)
		psig (Pm)	Inches H <sub>2</sub> 0			psig	psia	psig	psia	0.1	-	
Shut-In		<del>                                     </del>					45		<del> </del>	24	+	
Flow	<u> </u>	<u> </u>						<u> </u>			<u> </u>	
		<u> </u>	<u>.                                    </u>		FLOW STR		IBUTES					
Plate Coeffied (F <sub>b</sub> ) (F Mcfd	ient ,)	Circle one:  Meter or  Prover Pressure  psia	Press Extension P <sub>m</sub> xh	Grav Fac F	tor T	Flowing Femperature Factor F <sub>ft</sub>	Fa	riation actor	Metered Flor R (Mcfd)	W GOF (Cubic F Barre	eet/	Flowing Fluid Gravity G <sub>m</sub>
/D \2 -		: (P <sub>w</sub> ) <sup>2</sup> =_		•	OW) (DELIV		) CALCUL				$a_{1}^{2})^{2} = 0.2$	07
(P <sub>c</sub> ) <sup>2</sup> =	T	-	Choose formula 1 or 2	0		1	ssure Curve			<u> </u>	1	en Flow
(P <sub>c</sub> ) <sup>2</sup> - ( or (P <sub>c</sub> ) <sup>2</sup> - (	-	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	<ol> <li>P<sub>c</sub><sup>2</sup>-P<sub>s</sub><sup>2</sup></li> <li>P<sub>c</sub><sup>2</sup>-P<sub>d</sub><sup>2</sup></li> <li>divided by: P<sub>c</sub><sup>2</sup>-P<sub>g</sub></li> </ol>	LOG of formula 1. or 2. and clivide	P <sub>c</sub> <sup>2</sup> -P <sub>e</sub> <sup>2</sup>	As	pe = "n" - or signed la <b>rd Siope</b>	- nxl	.og	Antilog	Deli Equals	iverability R x Antilog (Mcfd)
		,					•					
							· ·					
Open Flo	ow	<del></del>	Mcfd @ 14	.65 psia		Deliverab	oility			Mcfd @ 14.65 p	sia	
The	undersig	ned authority, on	behalf of the	Company,	states that h	e is duly a	uthorized 1	to make th	e above repo	ort and that he I	nas know	ledge of
the facts s	stated the	erein, and that sa	id report is tru	e and correc	t. Executed	this the _71	th h. h	day of M	ay NTU	The	KC	C WIC
		Witness (if	any)			er F	wy	nn	For	Company (		AY 12

RECEIVED

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 Monarch Petroleum Corp 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 Brunswig 1-3 gas well on the grounds that said well:  (Check one)  is a coalbed methane producer  is a coalbed methane producer  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/ID  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.  Signature: May 7, 2014  Signature: Presider/t/Owner		
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Signature: Whamiltoffee	staff as necessary to	corroborate this claim for exemption from testing.
Signature: Wyww.th.		
Signature: Wyww.th.	Date: May 7, 2014	
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Title: President/Owner		Signature: Whantelle for
		Title: President/Owner

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 formula test results.

MAY 12 2014