KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test		,		,	(3	See Instruct	ions on Rev	erse Side)		,			
Open Flow Deliverability				Test Date: July 17,2015				API No. 15 071-20869-0000						
Company Monarch Petroleum Corp				Lease Brunswig						1-3	Well N	umber		
County Greeley		Location 1320FNL&1320FWL		Section 3		TWP 18S		RNG (E/W) 40W		Acres Attributed 640		Attributed		
Field Byerly					Reservoir Towanda/Ft Riley		y	Gas Gatherin Duke		hering Conne	ection			
Completic 10-10-0		е			Plug Back Total Depth 3010		ih .		Packer Set at none					
Casing Size 4.5			Weight 10.5		Internal Diameter 4.052		Set at 3010		Perforations 2916		To 2972			
Tubing Si 2.37528			Weight 4.7		Internal Diameter 1.995		Set at 2890		Perforations		То			
Type Completion (Describe) single gas				Type Flui water	d Production	n	_	Pump Ur	nit or Traveling	g Plunger? Yes / No yes				
Producing Thru (Annulus / Tubing) annulus				% Carbon Dioxide				% Nitrog	ren		Gas Gravity - G _g 0.8 28			
Vertical Depth(H) 2944				Pressure Taps flange						=	eter Run) (168	Prover) Size		
Pressure	Buildup	: Shut in	07-17	2	0_15 at_0	7:30am	(AM) (PM)	Taken_07	7-18	20	15 at 07:	35	. (AM) (PM)	
Well on L	.ine; 	Started	!	2	0 at		(AM) (PM)	Taken		20	at		. (AM) (PM)	
		Circ	de ann	Pressure		OBSERVE	D SURFACI		r —		Duration of S	Shut-in24	Hours	
Static / Dynamic Property	ynamic Size		Circle one: F Meter D Prover Pressure psig (Pm) In		Flowing Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)	Liq	Liquid Produced (Barrels)	
Shut-In							pang	37	paig_	paia	24			
Flow	<u></u>													
						FLOW STR	REAM ATTR	IBUTES_				·		
Plate Coefficcient (F _b) (F _p) Mcfd		Meter C	Circle one: Meter of Prover Pressure psia		Grav Fac F	tor	Flowing Temperature Factor Fit	Fe	iation Metered Flor ctor R _{pv} (Mcfd)		(Cub	GOR olic Feet/ arrel)	Flowing Fluid Gravity G _m	
(P _c) ² =		: ((P)² =	•	(OPEN FL		'ERABILITY % (F) CALCUL ² 14.4) +				$(P_a)^2 = 0$.207	
(P _c) ² • (I		(P _c)²- (P,) ²	00se formula 1 or 2 1. P _c ² - P _s ² 2. P _c ² - P _d ² ided by: P _c ² - P _s ²	LOG of formula 1, or 2,		Backpre Sloj As	ssure Curve pe = "n" - or signed ard Slope	, n x	roe	Antilog	0	Open Flow reliverability als R x Antilog (Mcfd)	
Open Flo	w	Mofd @ 14.65 ps				psia Deliverability			Mcfd @ 14.65 psia					
The	undersi	gned autho	ority, on	behalf of the	Company,	states that h	ne is duly a			he above repo	ort and that h	e has kno	wledge of	
the facts s	stated th	erein, and	that said	l report is true				/	day of <u>J</u>	uly	MA	Lhs.	, ₂₀ <u>2015</u> .	
			Vitness (if a	ny)			VICHIT	AU		For	Company	4-4	· 	
			or Commiss	ion		JUL 2	7 2015			Che	cked by		_	

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 Corporation 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 record 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 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 Commissistaff as necessary to corroborate this claim for exemption from testing. Date: July 20, 2015	ion .
Signature: Walker Signature: W	

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.