Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test:	:				(5	See Instructi	ions on Rev	erse Side)						
	en Flov				Test Date	•			API	No. 15					
Del	liverabi —	lty			July 17,	-				20091-00	00				
Company Monarch Petroleum Corp				Lease Wend t							Well Number				
County Greeley			Location CSE/S		Section 3		TWP 18S		RNG (E/W) 40W				Acres Attributed 640		
Field Bradshaw					Reservoir Towanda				Gas Gathering C Duke		ection	1			
Completion Date 09-75					Plug Back Total Depth		h	Packer S none		et at	_				
Casing Size 4.5			Weigh 10.5	l'	Internal Dia 4.052		ameter Set at		Perforations 2895			To 2944			
Tubing Size 2.38			Weigh	<u> </u>	Internal Dian		eter Set at 2979		Perforations			То			
Type Completion (E single gas					Type Fluid Production water				Pump Unit or Traveling Ple			lunger? Yes / No Yes			
Producing Thru (An			nulus / Tubing	ı)		arbon Dioxi	de	% Nitrog		 en	Gas G	Gas Gravity - G _g			
Vertical Depth(H) 2920				· Pressure Taps flange						(Meter Run) (Prover) Size 3.068					
Pressure Buildup:		 D:	Shut in 2						7-18	20	15			 AM) (PM)	
Well on Line:			Started 20											, , ,	
				 _		OBSERVE	D SURFACI	 E DATA			Dura	ation of Shut	-in <u>24</u>	Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential In Inches H ₂ 0	t temperature Tempera		Weilhead Pressure (P_w) or (P_t) or (P_c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)			Liquid Produced (Barrels)	
Shut-In			paig (i iii)	Inches 11 ₂ 0		 	psig	psia 30	psig	psia	24		 		
Flow															
						FLOW STE	REAM ATTR	IBUTES							
Plate Coeffiecient (F _b) (F _p) Mctd		Circle one: Meter or Prover Pressure psia		Press Extension	Grav Fac	or Temperature		Deviation Factor F _{pv}		Metered Flow R (Mcfd)		GOR (Cubic Fo Barrel	eet/	Flowing Fluid Gravity G _m	
Ĺ	1				(ODEN EI)	OW (DELIV	 /ERABILITY	CALCU	ATIONS					<u></u>	
(P _c) ² =		<u>_:</u> _	(P _w) ² =		P _d =	- •) - 14.4) +		:_	,) ² = 0.2	07 	
$(P_c)^2 \cdot (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		hoose formula 1 or 2: 1, $P_c^2 - P_a^2$ LOG of formula 2, $P_c^2 - P_d^2$ 1, or 2. end divided by: $P_c^2 - P_w^2$		P _c ² - P _w ²	Backpressure Curv Slope = "n" or Assigned Standard Slope		n x LOG		Antilog		Del Equals	Open Flow Deliverability Equals R x Antilog (Mcfd)	
							-				_		 		
Open Flow				Mcfd @ 14.	65 psia	5 psia		Deliverability			Mefe	d @ 14.65 ps	sia		
		_		n behalf of the			-	_		•	ort an	nd that he h		-	
the facts s	stated t	here	in, and that s	aid report is tru			this the 4	۵	day of J			×1	, , [;]	2015	
			Witness (it any)			7 2015	<u>" </u>	XXI	For	Compa	gus		 -	
	_		For Comm	nission						Chi	cked b	ру	<u> </u>		
						REC	EIVED								

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 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 Wendt 1
gas well on the grounds that said well:
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: July 20, 2015
JUL 27 2015 Signature: Western Signature: 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 form must be signed and dated on the front side as though it was a verified report of annual test results.