## KANSAS CORPORATION COMMISSION

## ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

EOG RESOURCES. INC.	Type Test:	annual												
COG RESOURCES, INC.  Lesso  Location  Location  Location  Location  Location  TWP  RNG (EW)  Acres Attributed  ANDREON	Open (	Flow	•	Te	st Date: 1	/2/2010					API No. 15 - 129	-21796-0	1000	
Control   Cont	Delive	rability												
Control   Cont	Company	20112054												
Control of the cont		<u> JOURCES</u>			0		<del></del> -	•		***************************************				
Reservoir  MORROW  MANDARKO ENERGY COMPANY  Plug Back Total Despth  Froder Set of MANDARKO ENERGY COMPANY  Foliage State  More of 150 EST.  AND State Set of MANDARKO ENERGY COMPANY  Foliage State  More of 10.5  AND State Set of MANDARKO ENERGY COMPANY  Foliage State  More of 10.5  AND State Set of MANDARKO ENERGY COMPANY  Foliage State  More of 10.5  AND State Set of MANDARKO ENERGY COMPANY  Foliage State  More of 10.5  AND State Set of MANDARKO ENERGY COMPANY  Foliage State Set of MANDARKO ENERGY COMPANY  Foliage State State Set of MANDARKO ENERGY COMPANY  Foliage State State Set of MANDARKO ENERGY COMPANY  Foliage State Set of MANDARKO ENERGY COMPANY  Foli	•											Acres Attributed		
Page Back Total Depth   Packer Set at   Shift   Packer Set at   Perforations   To   Shift   Sh	ield		III JA	115 115		rvoir		<u> </u>				nection		
Solid Color   Pressure   Started					MOR	ROW							ANY	
saleg Stoe Weight Internal Diameter Set at Perforations To 1/2 10.5 4.052 65241 6044 6518				•			pth				Packer Set at			
1/2 10.5 4.052 6241 6044 6118  bithing size a Weight triemant Diameter Set at Perforations To 3/8 4.7 1.995 6050 Pump Unit or Traveling Plunger? Yes / No X MATER  ANATER Perforation Pump Unit or Traveling Plunger? Yes / No X MATER  Outcling Thru (Annabus / Tubing) W. Carbon Dixolde W. Nitrogen Gas Gravity-C <sub>9</sub> Billing Shallon Depth (H) Pressure Taps (Meter Run) (Prover) Size (Me		-	\A/alah4					C-1 -1		Darfassti				
Internal Dismeter   Set at   1.995   Performitions   Yo   3/8   4,7   1.995   Performition   Yo   1.995   Performition   Yo   You	4 1/2											a		
Type Fluid Production WATER  Willing I We Curbon Disolde  Water Run (Prover) Size  Water Run (Run (Prover) Size  Water Run (Run (Run (Run (Run (Run (Run (Run	Tubing Size											<u> </u>		
Station Depth (H)  Pressure Taps  (Meter Run) (Prover) Size  (Meter Run) (Prover) Size  (Meter Run) (Prover) Size  Tessure Buildup:  Shut in 1/1 2010 at 6:00 AM taken 1/2 2010 at 6:00 AM  Taken 20 at	2 3/8							6050'						
### Pressure Taps    Motion   Pressure Taps   Motion   Pressure Taps   Motion   Pressure Taps   Motion   Pressure Taps	Type Completion (Describe) SINGLE											No X		
Pressure Buildup: Shut in 1/1 2010 at 6:00 AM taken 1/2 2010 at 6:00 AM taken 20 at 1 aken 20 at	Producing Thru (Annulus / Tubing) TUBING			% Carbon Dioxide				% Nitrogen Gas			Gravity-G <sub>g</sub>			
OBSERVED SURFACE DATA  OBSERVED SURFACE DATA  Duration of Shut-in  24 Hourn  Static Ordon Stree Pressure Inches Proper Pressure Inches Proper Pressure Inches Proper Pressure Inches Proper Property  Inches Prope	/ertical Depi	th (H)				Press	ure Tap	s			(Meter	Run) (Prove	r) Size	
Static Ordice Stee Prover Pressure Inches Prover Pressure Page Pressure	Pressure Bu	ildup:	Shut in <u>1/1</u>			20_1	0 at	6:00 A	1 <sub>tak</sub>	en <u>1/</u>	<u>2 20 1</u>	0 at 6:	00 AM	
Statuto Ortico Representation of Property Property (Page) (Property page)  Statuto Ortico (Property page)  Statuto Ortico (Property page)  Statuto (Property page)  Statuto (Property page)  Statuto (Property page)  Statuto (Property page)  Flowing person of temperature (Page) (Property page)  Flowing page page page page page page page pag	Well on Line:		Started		20			taken		en	20	at	_	
Continue						OBSERV	ED SUF	RFACE DATA	<b>A</b>		Duration	of Shut-in	24Hours	
Flow STREAM ATTRIBUTES  Flow STREAM ATTRIBUTES  Flow Press Factor			Meter or	Differential in (h)	Temperature	Well Head Temperature	(유)or (유)(윤)		•	Wellho	Tubing ead Pressure	Duration	Liquid Produced	
FLOW STREAM ATTRIBUTES    Plate   Confident   Christon   Press   Extension   Factor   Fooding	Property	inches								•	<del></del>			
FLOW STREAM ATTRIBUTES  Plate Coefficient (F,VF) Mcd						1	ĺ	ig ps	‡ <b>8</b>		psla_			
Flate Coefficient (F, KF) Plate Possure Posig (County Power Pressure Posig (P) Plate Power Pressure Power Pressure Power Pressure Power Pressure Power Pressure Power Po	Shut-in						520			45		24		
Plate Coefficient Coefficient (f), X(f) Media Prover Prosector posig (P) 2 (P) 3 (P) 4 (P)	Flow													
Coefficient (F,XF) Rover Pressure pst)   Extension   Fector   Fect	•					FLOW ST	REAM	ATTRIBUTE	s	<b>4</b> .	•	<u></u>		
Coefficient (F,VR) Mcdd Prover Prossure psig (P) 2 (P) 3 (Wided by: PC-P w divided by:			Circle One	Press		Gravity '	1	Flowing	n	eviation	Matered Flow	GOB	Rowing	
(CP) FLOW) (DELIVERABILITY) CALCULATIONS  (P) 2			Prover Pressure		on Factor		Temperature		Factor		R	(Cubic Feet/	Ruid	
(CP) FLOW) (DELIVERABILITY) CALCULATIONS  (P) 2	Mcd			⊹ Y P <sub>m</sub> x h	w \	` g` \	.   .	Fit		Γρν	(MCIO)	Garren)	Gravity G <sub>m</sub>	
Choose formula 1 or 2:  (P) 2 (P) 2  (P) 2 (P) 3  (P) 2 (P) 3  (P) 2 (P) 4  (P) 2 (P) 5  (P) 2 (P) 5  (P) 2 (P) 6  (P) 2 (P) 7  (P) 2 (P) 9  (P) 2 (			•	\										
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Choose formula 1 or 2:  1. P2-P3  (P) 2 (P) 2  (P) 2 (P) 2  (P) 2 (P) 3  (P) 2 (P) 3  (P) 2 (P) 4  (P) 2 (P) 5  (P) 2 (P) 5  (P) 2 (P) 6  (P) 2 (P) 6  (P) 2 (P) 7  (P) 2 (P) 8  (P) 2 (P) 9  (P) 2 (P)	P) 2		. (0)2					· · · · · · · · · · · · · · · · · · ·		<del> </del>		(P <sub>B</sub> ) <sup>2</sup> = 0.207	7	
Open Flow  Mcfd @ 14.65 psia  Open Flow  Mcfd @ 14.65 psia  The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts rated therein, and that said report is true and correct. Executed this the  Witness (if any)  No or in x LOG  Open Flow  Slope = "n"  Axsigned  Standard Slope  Antilog  Open Flow  Assigned  Standard Slope  Artilog  Deliverability  Mcfd @ 14.65 psia	'c' <u> </u>	<del></del>	<u> </u>	T	;	td	<del></del> *	(P <sub>C</sub> - 14.4)	14.4 =	· <del></del>	;	· (원) 🌥 🚃		
Open Flow  Mcfd @ 14.65 psia  The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts tated therein, and that said report is true and correct. Executed this the  Witness (if any)  Assigned Standard Stope  Antilog	(P)3(P) 2			1. P2.	#a 1 or 2: P 2	roc a L	1			1 X LOG	1			
Open Flow  Mcfd @ 14.65 psia  Deliverability  Mcfd @ 14.65 psia  The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts tated therein, and that said report is true and correct. Executed this the  Witness (if any)  Witness (if any)	Cor B		(Rt) -(P) 2 2. p2.		P 3 1. 07 2		or				Antilog	Equats R x Antilog		
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts tated therein, and that said report is true and correct. Executed this the    STH	`c´ ` c	d .		divided by: P	c-Pw 8	na aivide by: Pc	Pw			ı	J		Mcfd	
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The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts tated therein, and that said report is true and correct. Executed this the    STH							$\neg$		$\top$		···	1		
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts tated therein, and that said report is true and correct. Executed this the    STH				<u></u>						·				
witness (if any)  DECEMBER										<u> </u>				
Witness (if any)  Witness (if any)	TH	ne undersi	igned authority, o	n behalf of th	e Compan	ry, states tha			o make			as knowledg	e of the facts	
Witness (if any)  Witness (if any)	stated therei	in, and the	at said report is to	ue and corre	ct. Execut	ed this the	91	н		day of UE	LLEMBEK		- · 200 H	
<b>,</b>										XIA	MI Th	mn		
<b>,</b>		Witne	ess (if any)						_	Y MW	For Com	oanw	CAREC 1	
For Commission Checked by KCC W			• ••									7	•	
		For C	Commission						-		Checked	by	KCC W	

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										
(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: <u>12/9/2010</u>										
Signature: DIANA THOMPSON  Title SR. OPERATIONS ASSISTANT										

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 for annual test results.