KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				((See Instruc	tions on Re	everse Side	e)						
	en Flow liverabil				Test Date	e: 10,	/05/203	12		No. 15 5-20403 - 🔾	0-00	د			
Company		RATIO	N, INC.				Lease DUCK\	VORTH				#1	Well N	ımber	
County KINGMAN		5	Location SE/4		Section 23		TWP 29S		RNG (E/W) 8W			Acre		Attributed Re-	
Field BELMONT CTR			Reservoi MISSIS				Gas Gathering Conne		ection			Mny			
Completion Date 5/18/1975				Plug Bac	k Total Dept	th		Packer Set at NONE					Mov ; KC _{C W/(}		
Casing Size 4.5			Weight 10.5	Internal Di 4.052		Diameter	iameter Set a		Perforations 4208		To 4214		·	TCC WIC	
Tubing Size 2.375			Weight	Internal D 2.995		Diameter	iameter Set		Perforations			То			
Type Cor		(Describe	e)		Type Flui WATE	d Production	n			nit or Traveling	Plunger?	Yes	/ No		
Producing		Annulus	/ Tubing)		% C	Carbon Dioxi	de		% Nitrog	en		Gas Gr	ravity -	G _o	
Vertical D	epth(H)				<u> </u>		sure Taps	-				(Meter	Run) (P	rover) Size	
Pressure	Beilden	Shut ii	10/0)4 2	n12 at	FLAM 10:00		Taken 1	 0/05	20	12,	4" 10:	00	/ASA\ /Dhere	
Well on L										20					
						OBSERVE	D SURFAC	E DATA			Duration (of Shut-	·in	Hours	
Static / Dynamic Property	Orifice Size (inches	Prove	cle one: Meter r Pressure g (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head	Cas Wellhead (P _*) or (F	Pressure	Weilher (P _w) or	ubing ad Pressure (P _L) or (P _C)	Durat (Hou	lion	Liqui	Hours id Produced (Barrels)	
Shut-in			<u> </u>	2			psig	psia 165	psig	psia					
Flow			<u>-</u>												
						FLOW STR	EAM ATTR	IBUTES			-			, , , , , , , , , , , , , , , , , , ,	
Plate Coeffiecient (F _b) (F _p) Mctd		Circle one: Meter or Prover Pressure psia		Press Extension √ P _m x h	tension Fact		Flowing Temperature Factor F ₁₁		Factor		d Flow I (C		et/	Flowing Fluid Gravity G _m	
					(OPEN FLO	OW) (DELIVI	ERABILITY	CALCUL	ATIONS		 J				
(P _c) ² =		:	(P _w)² =	:	, P _d =	9		, - 14.4) +		:		(P _a) ²	$x^2 = 0.2$ $x^2 = 0.2$	07 	
(P _c) ² - (F or (P _c) ² - (F	•	(P _e)² - (P) ²	nose formula 1 or 2: 1. $P_a^2 - P_a^2$ 2. $P_c^2 - P_c^2$ ded by: $P_c^2 + P_a^2$	LOG of formula 1. or 2. and divide by:	P _c ² - P _w ²	Slop	ssure Curve oe = "n" - or signed ard Slope	лхЦ	og [Antilo	g	Del Equals	en Flow erability R x Antilog (Mcfd)	
Open Flow	<u>v</u>	784-7-1-1		Mcfd @ 14.	35 psia		Deliverab	ility			Mcfd @ 14	1.65 psi	a		
				ehalf of the			7	⊦h		e above repor November		t he ha	s know	ledge of $\frac{12}{20}$.	
			Vitness (if an	v)			_	MIDC	O EXP	LORATION	, Inc	·			
			or Commission				_					····		· · · · · · · · · · · · · · · · · · ·	
		-	or Commissio	ar i						Check	ked by				

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request testatus under Rule K.A.R. 82-3-304 on behalf of the operator MIDCO EXPLORATION, INC.
	at the foregoing pressure information and statements contained on this application form are true and
	to the best of my knowledge and belief based upon available production summaries and lease records
	pment installation and/or upon type of completion or upon use being made of the gas well herein named.
	ereby request a one-year exemption from open flow testing for theDUCKWORTH #1
	Il 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 fuu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commission
	necessary to corroborate this claim for exemption from testing.
Sian as	necessary to combunate this claim for exemption from testing.
	11 (07 (2012
Date: _	11/07/2012
	Signature:
	Title: Vice-President

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.