KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes			_		(See Instruc	tions on Re	everse Sid	e)			
=	pen Flov eliverab			Test Dat	te: 08/02	2/2011			Pl No. 15 5-20999 —	0000)
Compan MIDCO		ation, Inc.				Lease BAKEF	₹			#2	Well Number
County CLARK		Loca C SW	ation NW	Section 20		TWP 33S	,	RNG (E	E/W)		Acres Attributed
Field ACRES	WEST	-	<u>и, . и</u>	Reservo CHEST				Gas Ga CLAR	thering Conn	ection	
Completi 2/24/198		e .	***	Plug Bac 5688	ck Total Dep	th	,	Packer 5400	Set at		
Casing S 4 1/2	Size	Weig 10.5		Internal Diameter 4.052		Set at 5749		Perforations 5420		To 5432	
Tubing S 2 3/8	ize	Weig	ght	Internal 1.995	Diameter	Set 537		Perfo	orations	То	777
Type Cor SINGLE		(Describe)		Type Flu NONE	id Productio	n		Pump U	nit or Traveling	Plunger? Yes	/ No
Producing TUBING	-	(Annulus / Tubi	ng)	% (.191%	Carbon Dioxi	de		% Nitro		Gas G .7045	ravity - G _g
Vertical D	Depth(H)				sure Taps NGE				(Meter	Run) (Prover) Size
Pressure	Buildup	: Shut in <u>C</u>	8/01 ;	20 11 at _			Taken 08	3/02	20	11 _{at} 10:0	O (AM) (PW)
Well on L	.ine:	StartedC	8/02	10 <u>11</u> at _	10:00	(AM) (EM)	Taken		20	at	(AM) (PM)
	·				OBSERVE	D SURFAC	E DATA			Duration of Shut	-in 24 Hours
Static / Dynamic Property	Orific Size (inche	Meter Prover Pres	Differential in	Flowing Temperature t	Well Head Temperature t	Cas Wellhead (P _w) or (F	Pressure	Wellhe	Tubing ead Pressure or (P _t) or (P _c) psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In	-				, 'v.'	220		purg			
Flow										· · · · · · · · · · · · · · · · · · ·	
Plate		Circle one:				EAM ATTR	IBUTES		······································	<u> </u>	<u> </u>
Coeffieci (F _b) (F Mcfd	ient ,)	Meter or Prover Pressure psia	Press Extension	Grav Fac	tor	Flowing emperature Factor F _{tt}	Fa	ation ctor	Metered Flow R (Mcfd)	y GOR (Cubic Fe Barrel)	Gravity
			<u> </u>						·		
(P _c) ² =		: (P _w) ²		(OPEN FL	OW) (DELIV) CALCUL. ' 14.4) +				² = 0.207
(P _c) ² - (F or (P _c) ² - (F	*	(P _c) ² - (P _w) ²	Choose formula 1 or 2 1. P _c ² - P _d ² 2. P _c ² - P _d ² divided by: P _c ² - P _d ²	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Backpre Slor 	ssure Curve pe = "n" or signed ard Slope	n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Onen Flav		·		CF:-		Dallinanah					
Open Flow		ned authority	Mcfd @ 14.		tates that he	Deliverab		make th		Mcfd @ 14.65 ps rt and that he ha	
			aid report is true						October	it and that he ha	, 20 <u>11</u>
	·····	Witness	(if any)			_	MIDCO	EXPL	ORATION,	INC.	RECEIVED
		For Com			,	_				ked by	OCT 1 4 2011

exempt status unand that the fore correct to the best of equipment inst	der penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator MIDCO EXPLORATION, INC. The going pressure information and statements contained on this application form are true and set of my knowledge and belief based upon available production summaries and lease records stallation and/or upon type of completion or upon use being made of the gas well herein named. The goal of the gas well herein named and one-year exemption from open flow testing for the MAKER #2
gas well on the gr	rounds 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 e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
stan as necessar	y to corroborate this claim for exemption from testing.
Date:	10/10/2011
	en mosh

Instructions:

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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.