KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				l	See Instruc	tions on Reve	erse Side)				
= :	en Flow liverabil				Test Date	: 11/19	/2014			No. 15 5-208 62 - <i>0</i>1	200		
Company		atio	n, Inc.				Lease GARDIN	ER			#1	Well Nu	mber
County CLARK			Location SE SW	n	Section 36		TWP 33S		RNG (E	/W)		Acres A	Attributed
Field KREIGE	R CRE	ΕK			Reservoir CHESTI		·-		Gas Gar	hering Conn	ection		
Completion 1/13/198		-			Plug Bac	k Total Dep	th		Packer :	Set at			
Casing S 4,5			Weight		Internal D	Diameter	Set at		Perfo	rations 3	To 5446		
Tubing Si 2.375	Tubing Size Weit 2.375 4.7				Internal D	Internal Diameter 1.995		Set at 5452		rations	То		<u></u>
Type Completion (Describe) SINGLE					Type Flui	Pump Ui		nit or Traveling	Plunger? Yes	/ No			
		Ann	ulus / Tubing	· <u> </u>	% C	arbon Dioxi	de		% Nitrog	en	Gas Gr	avity - (3,
TUBING Vertical D				<u> </u>		Pres	sure Taps				(Meter I	Run) (P	rover) Size
5464							NGE				2"	, (
Pressure	Buildup										14 at 10:0		(AM) (BM)
Well on L	ine:	;	Started 11	/192	0 <u>14</u> at <u>1</u>	0:00	(AM) (BM)	aken	-	20	at		(AM) (DM)
						OBSERVE	D SURFACE	DATA			Duration of Shut-	_{in} 24	Hours
Static / Dynamic Property	Orifice Size (inche	1	Circle one: Meter Prover Pressui psig (Pm)	Pressure Differential in Inches H,0	Flowing Temperature t	Well Head Temperature t	(P ₊) or (P ₁)	ressure or (P _e)	Wellhe	Tubing ead Pressure or (P,) or (P,)	Duration (Hours)		d Produced Barrels)
Shut-in			psig (1 m)	Inches 1120			120 ·	psia	psig	psia		†	
Flow													
						FLOW STE	REAM ATTRIE	UTES					,
Plate Coefflec (F _b) (F Mold	lent		Circie one: Meter or ver Pressure psla	Press Extension	Grav Fact F _g	or	Flowing Temperature Factor F ₅₁	Fa	lation ctor	Metered Flor R (Mcfd)	w GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m
									_				
(P _c) ² =			(P _w) ² =_	:	(OPEN FLO		ERABILITY)	CALCUL - 14.4) +			(P _a) (P _d)	²= 0.2 ²=	207
$(P_o)^2 - (P_o)^2$ or $(P_o)^2 - (P_d)^2$		(P _s) ² - (P _w) ²		1. P _a ² -P _a ² 2. P _a ² -P _a ² ivided by: P _a ² -P _a	LOG of formula 1. or 2. and divide	P.2. P.2	Backpressure Curve Slope = "n" or Assigned Standard Slope				Antilog	Open F	
							<u> </u>						
Open Flow Mcf			Mcfd @ 14	@ 14.65 psia			Deliverability		Mcfd @ 14.65 psia				
		,		behalf of the	e and correc	t. Executed Re	this the ceived	8th_	day of	ne above repo Decembe: ORATION			pledge of 20 <u>14</u> .
		-	Witness (if	any)		DEC	1 1 2014				Company		
			For Commi	sslon		CONSERVA		·		Che	cked by		

	e under penalty of perjury under the laws of the state of Kansas that I am authorized to request
	s under Rule K.A.R. 82-3-304 on behalf of the operator MIDCO EXPLORATION, INC.
	foregoing pressure information and statements contained on this application form are true and
	e best of my knowledge and belief based upon available production summaries and lease records
• •	t installation and/or upon type of completion or upon use being made of the gas well herein named. request a one-year exemption from open flow testing for the GARDINER #1
	he grounds that said well:
. (0	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 mot/D
l further	agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as nece	essary to corroborate this claim for exemption from testing.
Date:	12/08/2014
	Signature:
	Title: Earl J. Joyce, Jr., 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.

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