KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test			On L	I OINT O	(See Instru	ctions on Re)	-HADILI	1 1231			
	en Flov Iliverabi				Test Date	» וב/23	2015			No. 15 -21137 - 0	00 d			
Company MIDCO Exploration, Inc.			Lease BETSCHART			HART	•		#1-27	Well N	umber			
County CLARK			Locati SE NW		Section 27		TWP 33S			RNG (E/W) 24W		Acres	Attributed	
Field : KREIGER				Reservoir CHEST			·	Gas Gat	hering Conne	ection				
Completion 1/31/199		е			Plug Back Total Depth 5507		oth			Packer Set at NONE				
Casing S 4 1/2	ize	Weight 10.5			Internal Diameter 4.052			Set at 5548		rations	то 5430			
Tubing Si 2 3/8	ize		Weigh 4.7	t	Internal I 1.995	Diameter		Set at 5407		rations	То			
Type Con			scribe)		Type Flui WATE	d Production	on			it or Traveling	Plunger? Yes	/ No		
Producing Thru (Annulus / Tubing)))	% Carbon Dioxide				% Nitrog	en		Gas Gravity - G			
TUBING Vertical D)			.158%	Pres	ssure Taps		4.2879	/o	.6825 (Meter		Prover) Size	
5426						FLA	NGE				2"		<u></u>	
Pressure	Buildup): \$	thut in 12	122 20	0 15 at 1	0:00	(AM) (BM)	Taken_ ;	2/23	20	15 at 10:0	20	(AM) (PM)	
Well on L	ine:	s	itarted 12	·/23 20	15 at 1	0:00	(AM) (PMT	Taken		20	at		(AM) (PM)	
						OBSERVI	ED SURFACE	E DATA			Duration of Shut	-in 24	Hours	
Static / Orifi		Prover Press		Pressure Differential	Flowing Well Ho Temperature Tempera				Tubing Wallhead Pressure (P _w) or (P ₁) or (P ₂)		Duration (Hours)		Liquid Produced (Barrels)	
Property Shut-In	(inche	18)	psig (Pm)	Inches H ₂ 0	l 	t	psig	psia	psig	psia	. ,	-		
Flow							205					╁		
						FLOW ST	REAM ATTR	BUTES	L			٠		
Plate Coeffieclent (F _b) (F _p) Mcfd		Gircle one: Meter or Prover Pressure psia		Press Extension √P _m xh	Grav Fact	tor	Flowing Temperature Factor F ₁₁	Fa	iation ctor	Metered Flow R (Mcid)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
			·		 		- 11	+						
					(OPEN FL	OW) (DELI)	VERABILITY	CALCUI	ATIONS					
(P _c) ² =		_;	(P _w) ² =_	:	P _d =			- 14.4) +		:	(P _a))² = 0.:)² =	207	
(P _e) ² - (P _e) ² or (P _e) ² - (P _d) ²		(P ₆)² - (P _w)²	1. P _a ² -P _a ² 2. P _a ² -P _a ²	LOG of formula 1, or 2. and divide	P _e ² -P _w ²	Slop	Backpressure Curve Slope = "n" Or Assigned		.og	Antilog	De	Open Flow Deliverability Equals R x Antilog	
			- '	divided by: Pc2 - Pw2	by:		Standa	ard Stope	-			-	(Mcfd)	
	-+						-				<u> </u>	-		
Open Flor	w	Mcfd @ 14.65 psia					Deliverability			Mcfd @ 14.65 psia				
			-	behalf of the		t. Execute	d this the	11/1	day of	Tanuar	,		wledge of	
			Witness (If	any)	KANSAS CO	Receive ORPORATION	ed 1 commissio <u>n</u>	MIDCO) EXF	LDRATI	ON, INC	۰.		
			For Commi	ission		N 14	2016 -			Chac	ked by			

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	status under Rule K.A.R. 82-3-304 on behalf of the operator MIDCO EXPLORATION, INC.						
	t 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						
	ment installation and/or upon type of completion or upon use being made of the gas well herein named. reby request a one-year exemption from open flow testing for the BETSCHART #1-27						
	I on the grounds that said well:						
yas wen	Ton the grounds that sale wen.						
	(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						
l fur	rther 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:	1/11/2016						
	Signature:						
	Title: _ Earl J. Joyce, Jr., Vice-President						
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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.