KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test Op	: en Flow	,		•	See Instruct	tions on Reve /2∩12	erse Side	,	No. 15		
Del	liverabil	lty		iesi Daie	9: 1Z/±3,	/ 2013		025	10. 15 -21137 – 00	00	
Company MIDCO Exploration, Inc.			Lease BETSCHART			ART	Well Number #1-27				
County Location CLARK SE NW S			Section 27		TWP 33S		RNG (E/W) 24W		,	Acres Attributed	
Field KREIGER				Reservoir CHESTER				Gas Gathering Connec		ection	
Completion Date 1/31/1996		•		Plug Bac 5507	k Totai Depi	ih .		Packer Set at NONE			
=		Weigh 10.5	nt	Internal Diameter 4.052		Set at 5548		Perforations 5422		то 5430	
Tubing Si 2 3/8	bing Size Weight 3/8 4.7		nt	Internal Diameter 1.995		Set at 5407		Perforations		То	
Type Completion (Describe)		•		Type Fluid Produ WATER		on		Pump Unit or Traveling P PUMPING UNIT		•	
Producing TUBING		(Annulus / Tubin	g)	% c .158%	arbon Dioxi	de	% Nitrogen 4.287%			Gas Gravity - G _g .6825	
Vertical Depth(H) 5426)	Press FLAN			sure Taps NGE	aps		***************************************	(Meter Run) (Prover) Size 2"	
Pressure	Buildup	: Shut in _12	2/12 20	13 _{at}	L0:00	(AM) (BM) 1	aken	12/1	3 20	13 at 10:0	O (AM) (BM)
Well on Li	ine:	Started	20	at		(AM) (PM) 1	aken		20	at	(AM) (PM)
					OBSERVE	D SURFACE	DATA	_		Duration of Shut-	nHou
Static / Orifice Oynamic Size Property (inches)		Meter Prover Pressi	Pressure Differential in Inches H,0	Flowing Temperature t	Well Head Temperature t	wellhead Pressure $(P_{*}) \text{ or } (P_{t}) \text{ or } (P_{c})$		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)
Shut-in		, , ,				45	psia	parg	psia	7-	
Flow					EI 074 675	EAM ATTRI	UTEC				
Plate		Circle one:	<u> </u>		PLOW SIR	Flowing	0163				Flowing
Coefficient (F _b) (F _p) Mcfd		Meter or Prover Pressure psia	Press Extension √ P _m xh	Grav Fac F	tor	Flowing femperature Factor F,,	Deviation Factor F _{pv}		Metered Flow R (McId)	GOR (Cubic Fe Barrel)	Fluid
	l.			(OBEN EL	OW) (DELIV	ERABILITY)	CALCIII	ATIONS			
P _c) ² =		: (P) ² =	::	`		•		14.4 =	:	(P _d);	e = 0.207 e =
		(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _a ² - P _a ² 2. P _a ² - P _a ² divided by: P _a ² - P _a ²	LOG of formula 1, or 2, and divide by:	Backpr SI P2-p2		ure Curve = "n" or gned d Slope	, nx1	ΓΊ	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
			, , ,				· · · · · · · · · · · · · · · · · · ·				
Open Flov	<u> </u>		Mcfd @ 14.6	55 psia		Deliverabili	ty			Mcfd @ 14.65 psi	<u>a</u>
	•	aned authority, o erein, and that s				•			·	t and that he ha	s knowledge of
اد درست. پ	.a.uu III	order, and maco	opon to ado			NCH! <u>T</u>			O EXPLOF		
		Witness (if any)	r		•	•			ompany	
		For Comm	nission		JAN 0	2 2014 —			Chec	ked by	

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 MIDCO EXPLORATION, INC. and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for theBETSCHART #1-27
gas well 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 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: 12-/27/2013
Signature:

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.