KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:					(See Instruct	tions on Reve	erse Side	9)					
✓ Op	en Flo	w				Test Date				ADI	No. 15				
De	liverab	ilty				12/23/20					.20721 −0 (000			
Company MIDCO		ratio	n, Inc.				 	Lease Baker			V 10.0	#1	Well Nu	mber	
County CLARK			Location C SW/4		Section 20			TWP 33S		RNG (E/W) 24W			Acres Attributed		
Field ACRES	WES	Т		"		Reservoir CHEST				Gas Gath	ering Conne	ection			
Completic 12/17/19		e				Plug Bac	k Total Dept	th		Packer S	et at				
Casing Size 4 1/2				Veight D.5	Internal Diamete 4.052		Diameter	Set at 5744		Perforations 5408		то 5416			
Tubing Size 2 3/8			Weight 4.7		Internal Dia 1.995		Diameter	ameter Set at 5502		Perforations		То	То		
Type Con			escribe)			Type Flui WATE	d Production	า			it or Traveling	Plunger? Yes	/ No		
Producing Thru (Annulus CASING				ubing)		% C 0.24%	% Carbon Dioxid		% Nitro			Gas Gr .6933	Gas Gravity - G ₉		
Vertical D	_	1)		_	_		Pres:	sure Taps NGE						over) Size	
Pressure	Buildu		Shut in .			0_15_at_1			Taken 12	2/23	20	15 at 10:00	(AM) (PM)	
Well on L	.ine:	;	Started .	12/23	2	0 <u>15</u> at 1	0:00	(AM) (PM)	Taken		20	at	(АМ) (ВМ)	
						<u> </u>	OBSERVE	D SURFACE	DATA	-		Duration of Shut-	in 24	Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressure		Pressure Differential in	lemperature temper		Wallhaad Pressure		Tubing Wellhead Pressure (P_w) or (P_1) or (P_c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	,	•	psig	(Pm)	Inches H₂0			psig 125	psia	psig	psia		_		
Flow					_										
	·		,				FLOW STR	EAM ATTRI	BUTES						
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psla		E.tanakan		pity 1	Flowing Temperature Factor F ₁₁	erature Factor		Metered Flov R (Mcfd)	v GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m		
						(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(D.)	2 00	07	
(P _c) ² =		_:	(F		<u> </u>	P _d =		•		· 14.4 ==	:	(P _d)	2 = 0.2 2 =		
(P _c) ² - (For the contract of the contract o		(F	° _c)²- (P _w)	2	ose formula 1 or 2 1. P _c ² - P _s ² 2. P _c ² - P _d ² fed by: P _c ² - P _w ²	LOG of formula 1, or 2, and divide	P _c ² -P _w ²	Stope 	sure Curve = "n" or gned rd Slope	n x i	.06	Antilog	Deli Equals	ien Flow iverability R x Antilog (Mcfd)	
			-												
Open Flo	w				Mcfd @ 14.	65 psia		Deliverabil	ity			Mcfd @ 14.65 ps	ia		
The	unders	igne	d author	ity, on b	ehalf of the	Company,	states that h	ne is duly aut	norized t	to make th	e above repo	ort and that he ha	as know	ledge of	
the facts s	stated 1	herei	in, and t	hat said	report is true	e and correc	t. Executed	this the 5th	1	day of _F	ebruary		,	₂₀ <u>16</u> .	
	-							MICHIT							
Witness (if any)						FEB 0 8 2016			For Company						
			Fo	r Commissi	on		RE	CEIVED			Che	cked by			

	nalty of perjury under the laws of the state of Kansas that I am authorized to request ule K.A.R. 82-3-304 on behalf of the operator MIDCO Exploration, Inc.
	pressure information and statements contained on this application form are true and
correct to the best of m	y knowledge and belief based upon available production summaries and lease records
	on and/or upon type of completion or upon use being made of the gas well herein named. one-year exemption from open flow testing for the Baker #1
gas well on the ground	
(Check one)	coalbed methane producer
is cy	ycled on plunger lift due to water
is a	source of natural gas for injection into an oil reservoir undergoing ER
is or	n vacuum at the present time; KCC approval Cocket No
<u> </u>	ot capable of producing at a daily rate in excess of 250 mcf/D
_	supply to the best of my ability any and all supporting documents deemed by Commission corroborate this claim for exemption from testing.
Date: 02/05/2016	
FE	C WICHITA Signature: B 0 8 2016 Title: Earl J. Joyce Jr., Vice-President RECEIVED

Instructions:

If a gas well meets one of the eligibility criteria set out in ECC 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 snut-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.

Conservation Division 266 N. Main St., Ste. 220 Wichita, KS 67202-1513



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Jay Scott Emler, Chairman Shari Feist Albrecht, Commissioner Pat Apple, Commissioner

February 1, 2016

Earl Joyce MIDCO Exploration, Inc. P.O. Box 1278 Westmont, IL. 60559-1278

RE: Denial of 2015 Annual Testing Exemption to the Baker #1 Gas Well;

Dear Mr. Joyce:

I don't believe that I've had to deny hardly any of MIDCO Exploration's past annual exemption-claims. But, the one submitted for your Baker #1 gas well is one that I need to get "fixed" before I can grant the exemption. The problem with it centers around the Plug Back Total Depth of 4858 provided on the front side of the G-2 form when considered in conjunction with the depth interval provided for the casing perforations and also the identity of the producing reservoir. The perforations are supposed to be between 5475 and 5480. The top of the Chester should be somewhere around 5460 or in that vicinity.

So, there seems to be a built-in inconsistency.

If that inconsistency can be corrected in whatever manner may be necessary, I can grant the exemption to the well for calendar year 2015. However, should that Plug Back Total Depth carried on the front side be the actual depth, then another problem arises because of the lack of well-completion documentation in our files which agrees with that feature of the Baker #1 well's construction. Our documents show the rotary total depth being 5750 which doesn't translate into the Plug Back Total Depth being as shallow as 4858. Transposing the numbers given for the Plug Back Total Depth to 5848' won't fit with the existing well-completion information, either. Lastly, you don't show the presence of a downhole packer which might explain the Plug Back Total Depth entry.

I'll await your response to this denial. I apologize if past years' annual exemption-claims pertaining to the Baker #1 gas well all possessed the same defect and I never brought this inconsistency to MIDCO Exploration's attention. I've been able to spend a little more time this year on screening the submitted 2015 claims for any possible mistakes or inconsistencies. Thank you for your immediate attention to this matter and for your cooperation in rectifying it.

1994 548 (5408) 2003 PRID SERVES

KCC WICHITA FEB 0 8 2016

RECEIVED

Sincerely, Jim Hommen

Jim Hemmen Research Analyst