KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	i:					((See Instru	uctions on R	everse Sid	e)				
Op	en Flor	W				Took Date	. .				1 1 2 4 7			
✓ Deliverabilty						Test Date 3/25/20			API No. 15 151-00037-0001					
Company Zenith D	/ Prilling	Co.						Lease McAhr	en			1	Well N	umber
County Pratt					Section 26		TWP 26S			/W)	Acres Attribute			
Field McAhrer	1					Reservoi Kinderh				Gas Ga OneOl	thering Conn 〈	ection		CCN
Completion Date 3/10/77						Plug Bac 4470	k Total De	epth	Packer Set at NA				≠	15
Casing S	Casing Size Weight				Internal I 4.152	Diameter		Set at 4470		orations 5	то 4379		KCC U HAR 15 RECEIVA	
	ubing Size Weight				Internal I 1.995		Set	Set at 4385		prations	То			
Type Completion (Describe) Single							d Product		Pump Unit or Traveli PU			ng Plunger? Yes / No		
	Thru	(Anı	nulus / Tubin	g)			Carbon Dic	oxide		% Nitrog		Gas Gr	avitv -	G.
Annulus	S											0.650		3
Vertical D 4375	epth(H)						essure Taps					, .	rover) Size
			3/2	4		. 15 . 2		nge	3/	25		2" me 15 _{at} 2:30		
Pressure Well on L			Shut in3/2			o <u> </u>	.30					at		(AM) (PM) (AM) (PM)
														
		_	Circle one:	_	Pressure	}	OBSERV	/ED SURFAC		Τ .	Tubing	Duration of Shut-	in24	Hours
Static / Dynamic Property	Orific Size (inche	fice Meter ze Prover Pressi		ıre	Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperatu t	Wellhead (P _w) or (l	Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		ad Pressure r (P _t) or (P _c)	Duration L (Hours)		d Produced Barrels)
Shut-In							ļ 	100	porq	psig	posta	24		
Flow														***
							FLOW ST	FREAM ATT	RIBUTES					
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m x h		Gravity Factor F _g		Flowing Temperature Factor F _{rt}	Fa	iation ctor	Metered Flow R (Mcfd)	(Cubic Fe	et/	Flowing Fluid Gravity G _m
												, 5, 0		,
				-	- 	(OPEN FL	OW) (DEL	IVERABILITY	Y) CALCUL	ATIONS		(P)	!= 0.2	07
(P _c) ² =		_:	(P _w) ² =		<u>-</u>	P _d =		_%(P _c - 14.4) +	14.4 =	 :	(P _d)		
$(P_c)^2 - (P_b)^2$ or $(P_c)^2 - (P_d)^2$		(P _e) ² - (P _w) ²		Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²		LOG of formula 1. or 2. and divide p 2. p		Backpressure Curv Slope = "n" or Assigned Standard Slope		l n x i	Log	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
										-		<u></u>		-
Open Flow Mcfd @ 14				Mcfd @ 14.	_l 65 psia		 Delivera	Deliverability		Mcfd @ 14.6				
The r	ındersia	aned	authority. o	n h	ehalf of the	Company s	states that	he is duly a	uthorized to	o make #		rt and that he ha	_	ledge of
			•					ed this the		day of A		, and that he ha		20 <u>15</u> .
			Witness (f any	<i>n</i>				Ulu	/.	/ Porc	ompany		
			For Comn	nissio	חות			(ZM	uo,	OOCO Chec	<i>rnnl</i> ked by	<u> </u>	

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 Zenith Drilling Co. 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 the McAhren #1 gas well on the grounds 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 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.
MCC WICHITA APR 15 2015 RECEIVED Signature: Lineles Selections Title: Agent

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.