KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t;				(See Instruct	tions on Rev	erse Side))				
`	en Flo eliverat				Test Date	: :			API	No. 15 -023	3-20855-00-00)	
Company	•	Ene	ergy Mana	gement, LL	 3	 Z\	Lease WEYGAR	DT				Well Number 42-33	r
County CHEYENNE			Locati	Location SENE		Section 33		TWP 3S		w) 1W		Acres Attributed	
Field CHERF	RY C	REE	K.		Reservoii NIOBR					hering Conn ern Star/Ki	ection nder Morgan		
Completion 1/25/20		te			Plug Bac 1564'	k Total Dept	h		Packer 5	Set at			
Casing Size 7", 41/2"			Weigh	'#, 10.5#	Internal Diameter 6.538, 4.052		Set at 240', 1607'		Perforations 1376'		To 1416'	то 1416'	
Tubing Size			Weight 4.7#		Internal Diameter 1.995		Set at 1447'		Perforations		Τρο		
Z-3/8 Type Con	-		•	4.7#	Type Flui	d Production		447	Pump U	nit or Traveling		/ No	
SINGL			nulus / Tubing			NATER Carbon Dioxi	đe		% Nitrog	 len		Rod Pump	
ANNUL				<u> </u>								- 4	
Vertical D	Jepth(F	1)				Pres	sure Taps				(Meter I	Run) (Prover) Size
Pressure	Buildu		Shut in	12/16	20 15 at 2	2:45 PM	(AM) (PM)	Taken		20	at	(AM)	(PM)
Well on L	.ine:		Started	12/172	15 at 2	2:45 PM	(AM) (PM)	Taken		20	at	(AM)	(PM)
						OBSERVE	D SURFACE	DATA			Duration of Shut-	_in24	_Hours
Static / Dynamic Property	lynamic Size		Gircle one: Meter Prover Pressi	1	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P_w) or (P_t) or (P_c)		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H ₂ 0			psig 50	psia	psig	psla		 	
Flow													
	·				'	FLOW STR	EAM ATTRI	BUTES			' <u> </u>		
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h.	Fac			Flowing Devia		Metered Flov R (Mcfd)	W GOR (Cubic Fe Barrel)	eet/ Gr	owing Fluid ravity G _m
	1			·	(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS	<u></u>	/P.\)2 = 0.207	
(P _c) ² =	<u> </u>	<u>_:</u> _	(P _w) ² =	:	P _d =			₋ - 14.4) +		<u>:</u> :) ² =	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(F)²- (P _w)²	Choose formula 1 of 2 1. $P_c^2 - P_s^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w$	LOG of formula 1. or 2. and divide	P _c ² · P _w ²	Backpressure Curve Slope = "n" or Assigned Standard Slope		n x log		Antilog	Antilog Open Flow Deliverability Equals R x Antilog (Mcfd)	
							<u> </u>		\perp				
Open Flo	w			Mcfd @ 14	65 nsia		Deliverabi	lity			Mcfd @ 14.65 ps	la .	
	_	ianeo	authority, o		<u> </u>	states that h			o make ti		ort and that he ha		e of
				aid report is tru			•	18	day of		CEMBER	٠.	5
			· ·		·	KANSAS CORP	eceived Oration comi	MISSION					
			Witness (· - -			0 4 2019				Company		
			For Comm	nssion		CONSERVA	ATION DIVISIO HITA, KS			Che	cked by		

and The Company of the Comment

exempt s	lare under penalty of perjury under the laws of the state of Kansas that I am authorized to request tatus under Rule K.A.R. 82-3-304 on behalf of the operator Foundation Energy Management, LLC the foregoing pressure information and statements contained on this application form are true and the best of my knowledge and belief based upon available production summaries and lease records
I here	nent installation and/or upon type of completion or upon use being made of the gas well herein named. eby request a one-year exemption from open flow testing for theZWEYGARDT 42-33 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 ner agree to supply to the best of my ability any and all supporting documents deemed by Commission eccessary to corroborate this claim for exemption from testing.
	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.