KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:		ONE	i Oilvi O	(ADILIZ	See Instruct				CNADILII	TIESI		
Open Flow Deliverabilty				Test Date:			API No. 15 15-023-20853-00-00						
Company FOUNDATION ENERGY MANAGEMENT, LI							Lease			.023-20603-1	Well Number 31-33		
County Location				Section 33		TWP 3S		RNG (E/W) 41W		Acres Attributed			
CHEYENNE NWNE				Reservoir NIOBRARA		35		Gas Gathering Connection SOUTHERN STAR/KII					
CHERRY CREEK Completion Date 1/24/2008			Plug Back Total Depth 1557'		h		Packer		WINDER MOR	<u> </u>			
Casing Size Weight 7", 4½" 17#, 10.5#			Internal Diameter 9-7/8",61/4"			Set at 236', 1609'		orations 13'	то 1434'				
Tubing Size Weight 2-3/8"" 4.7#			Internal Diameter 1.995"		Set a	ıt	Perforations		То				
Type Cor					Type Flui	d Production				nit or Traveling	eling Plunger? Yes / No		
Producing Thru (Annulus / Tubing) TUBING				% Carbon Dioxide				% Nitro	gen	Gas Gravity - G _g			
Vertical E		1)				Press	sure Taps				(Meter F	lun) (Pi	rover) Size
Pressure	Buildu	p:	Shut in	2	0 14 at 8	:30 AM	(AM) (PM)	Taken		20	at	(АМ) (PM)
Well on L	.ine:		Started 1/10	2	14 at 8	:50 AM	(AM) (PM)	Taken	<u> </u>	20	at	(AM) (PM)
						OBSERVE	D SURFACI	E DATA			Duration of Shut-i	n_24	Hours
Static / Orifice Dynamic Size Property (inches)		6	Circle one: Pressure Meter Differential Prover Pressure in psig (Pm) Inches H ₂ O		Flowing 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) psig psia		'		d Produced Barrels)
Shut-In	_			2			palg	96	psig	psia			
Flow													
			<u> </u>		1	FLOW STR		IBUTES					
Plate Coeffiec (F _b) (F Mcfd	ient ,)	Pro	Circle one: Meter or ver Pressure psia	Press Extension P _m xh	Grav Fact	tor T	Flowing emperature Factor F _{ft}	Fa	iation ctor -	Metered Flow R (Mcfd)	y GOR (Cubic Fee Barrel)	et/	Flowing Fluid Gravity G _m
			_		(00=)	010 05 0							
(P _c) ² =		:	(P _w) ² =_	:	P _d =	OW) (DELIVI %		calcul - 14.4) +		:	(P _a)² (P _d)²	= 0.20 =) 7
(P _c) ² - (I	P _a) ²		c)2- (P _w)2	2. P _c ² - P _d ² 1. P _c ² - P _d ² 2. P _c ² - P _d ²	LOG of formula 1, or 2.	P. 5 - P. 2	Backpre: Slop Ass	ssure Curve be = "n" or signed ard Slope		LOG	Antilog	Op Deli Equals	en Flow verability R x Antilog Mcfd)
											,		
Open Flow Mcfd @ 14.65 psia						Deliverability Mcfd @ 14.65 psia							
				behalf of the							rt and that he has		edge of 20 <u>14 .</u> .
			Witness (if	алу)		R KANSAS CORP	eceived PORATION COM	MISSION -		For C	Company		
			For Commis	ssion		SEP	15 2 0	14		Chec	ked by		

	under the laws of the state of Kansas that I am authorized to request
exempt status under Rule K.A.R. 82-3-3	304 on behalf of the operator Foundation Energy Management, LLC
	nation and statements contained on this application form are true and
correct to the best of my knowledge an	d belief based upon available production summaries and lease records
of equipment installation and/or upon ty	/pe of completion or upon use being made of the gas well herein named.
l hereby request a one-year exemp	otion from open flow testing for the ZWEYGARDT 31-33
gas well on the grounds that said well:	
is on vacuum at the is not capable of pro	r lift due to water al gas for injection into an oil reservoir undergoing ER present time; KCC approval Docket No oducing at a daily rate in excess of 250 mcf/D at of my ability any and all supporting documents deemed by Commission
Date: 9/11/2014	-
Received KANSAS CORPURATION COMMISSION SEP 15 2014 CONSERVATION DIVISION WICHITA, KS	Signature: Will Mathew Title: OPERATIONS ASSISTANT

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.