KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:					(See Instrud	tions on Rev	rerse Side)					
	en Flo liverat					Test Date:				API No. 15 023-20549-00-00					
Company						- -		Lease					Well Numb		-
	ation	Ene			ment, LLC	ZWEYGARDT				DNO (FAM)			13-32		_
County CHEYE	NNE		Loca NWS			Section	32	ŢWP 3S	3S		RNG (E/W) 41W		Acres Attributed		
Field	2V C	DEE	1/			Reservoir			Gas Gathering Connection					_	
CHERRY CREEK Completion Date						NIOBRARA Plug Back Total Depth				Kinder Morgan/Southern Star Packer Set at				_	
5/23/20						1595'	it rolal bep	741		1 donor C	oct at				_
Casing Size Weight					Internal D			Set at		Perforations 1450'		то 1486'			
7", 4 ½" 20# 10.5# Tubing Size Weight				Internal D	6, 4.052 Diameter		290', 1638' Set at		Perforations		To		_		
2 3/8" 4.7#						995		1562'						_	
Type Completion (Describe) SINGLE						Type Fluid Production SALTWATER				Pump Unit or Traveling Plunger? Yes / No ROD PUMP					
Producing Thru (Annulus / Tubing)						% C	% Carbon Dioxide				% Nitrogen Gas Gravity - G _g				
ANNUL Vertical D		1)					Pressure Taps					(Meter	Run) (Prov	rer) Size	_
															_
Pressure	Buildu	ıp:	Shut in	10	D/8 ₂₀	14 at 1	0:00 AM	(AM) (PM)	Taken		20	at	(AN	л) (PM)	-
Pressure Buildup: Shut in 10/8 20 14 at 10:00 AM (AM) (PM) Taken 20 at										(AN	/I) (PM)				
			_				OBSERVI	ED SURFACE	DATA			Duration of Shut-	_{-in} 24	Hour	_ re
Dynamic Si		Circle on				Flowing	Well Head	Casing		Tubing					Ĭ
		:ө	Meter Prover Pressure		Differential re in	Temperature	Temperature	Wellhead Pressure (P _w) or (P _t) or (P _c)		Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	- II	Liquid Produced (Barrels)	
Property	(inch	psig (Pm) Inches H ₂ 0		t	t	psig	psia	psig	psia		 		_
Shut-In								78							_
Flow															
							FLOW ST	REAM ATTRI	BUTES						_
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h		Gravity Factor F _g		Temperature Fa		riation Metered Flow ector R = (Mcfd)		w GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
İ							ľ								
(P _c) ² =		,	(P _w) ²	_		(OPEN FLO		/ERABILITY) % (P	CALCUL			(P _a) (P _d))² = 0.207		
-				Choose formula 1 or 2:				Backpressure Curve				(· a/	Open Flow		7
(P _c) ² - (P _a) ² or		(P _c) ² - (P _w) ²		1. P _c ² -P _s ² 2. P _c ² -P _d ²		LOG of formula		Stope = "n"		n x l	LOG	Antilog	,	rability	,
(P _c) ² - (P _d) ²		}		divided by: $P_c^2 - P_w^2$		and divide P2-P2		Assigned Standard Slope			L J			cfd)	'
															7
						 				-					1
Open Flow Mcfd @ 14.65 psia Deliverability									ility	Mcfd @ 14.65 psia					
The u	ınders	igned	authority,	on be	ehalf of the	Company, s	tates that	he is duly au	thorized t	o make th	ne above repo	ort and that he ha	as knowled	dge of	
the facts st	ated t	herei	n, and that s	aid r	eport is true	and correct	t. Executed	d this the	12	day of	NO	VEMBER	, 20	14	
	•		,		,	2				. —				Receiv	ed N COMN
			Witness	(if any)			_	-		For	Company	ימא	V 14	2014
			For Com	missio	n			-			Che	cked by	CONSE	RVATION	
										•			٧	VICHITA,	KS

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 operatorFoundation Energy Management, LLC 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 theZWEYGARDT 13-32 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.
Date:
Signature: Supel Statute 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 Received signed and dated on the front side as though it was a verified report of annual test results.

KANSAS CORPORATION COMMISSION