Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	:				1	See Instruct	ions on Rev	verse Side)					
Open Flow				Total Date:					API No. 15 -023-20437-00-01					
De	liverab	ilty			Test Date	e:			API	No. 15 -020	-20407-00-04			
Company	-		· ·				Lease				v	Vell Nu	mber	
Founda	ation	Ene	ergy Manag	gement, LL	2	Z۱	NEYGAR	DT				11-4	R	
County Location CHEYENNE NW-NW				Section	4	TWP 4S		RNG (E	/W) 1VV		Acres Attributed			
Field CHERRY CREEK				Reservoir NIOBRARA			Gas Gathering Connection Southern Star/Kinder Morgan							
Completic 11/16/2		е			Plug Bac 1471'	k Total Dept	h		Packer §	Set at				
Casing Size			Weigh		Internal Diameter		Set at		Perforations		_{То} 1354'			
7", 4½" Tubing Size			17 Weigh	#, 11.6# •	6.538, 4.000 Internal Diameter		256', 1513 Set at		1316' Perforations					
2-3/8	126		_			995 1395'		renorations		10				
Type Con	npletio	ı (De				d Production			Pump U	nit or Traveling	Plunger? Yes	/ No		
SINGL	_ `			·	SALTWATER							Yes-Rod Pump		
		(Anr	nulus / Tubing	1)	% Carbon Dioxide				% Nitrog	jen	Gas Gra	Gas Gravity - G _g		
Vertical D		15				Prop	sure Taps				/Motor E	Oun\ /De	over) Size	
vertical D	epui(i	',				ries:	sure raps				(Interes in	וטוו) (רו	over) Size	
Pressure	Buildu	p; ;	Shut in	12/16	15 at	1:00 PM	(AM) (PM)	Taken		20	at	(AM) (PM)	
Well on L	ine:	;	Started	12/17	15 at	1:00 PM	(AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERVE	D SURFACE	E DATA			Duration of Shut-i	n2	4 Hours	
Static / Orifice Dynamic Size Property (inches)			Circle one: Pressure Meter Differentia Prover Pressure in		t t temperature temperat				Tubing Wellhead Pressure (P _w) or (P ₁) or (P _a)		Duration	Liquie	Liquid Produced (Barrels)	
		-									(Hours)			
	•		psig (Pm)	Inches H ₂ 0			psig	psia	psig	psia	•			
Shut-In							110							
Flow														
·						FLOW STR	EAM ATTR	IBUTES						
Plate			Circle one:	Press	Gra	vity	Flowing	Dev	iation	Metered Flov	v GOR		Flowing	
Coeffiecient (F _b) (F _b)		Meter or Prover Pressure		Extension	. Fac	tor 7	emperature	Fa	ctor R		(Gubic Fe	ev i	Fluid Gravity	
Mcfd			psia	✓ P _m xh-	٠,١,١,١	. <u> </u>	F _n	'	pν	(Mcfd)	Barrel)		G _m	
	· ·				(OPEN FL	OW) (DELIV	FRABILITY	CALCIII	ATIONS	<u> </u>				
$(P_c)^2 = _{}$:	(P)2=	:	P _d =	• •	•	- 14.4) +		:	(P _a) ² (P _d) ²	= 0.2	07	
				Choose formula 1 of	2:- :		1	ssure Curve			, q,		[]	
(P _c) ² - (I		(P)2- (P _w)2	1. P _c ² -P _a ²	LOG of formula		Slop	oe = "n"	אח	LOG	Antilog	,	en Flow verability	
or (P _c) ² - (F	P _d) ²			2. P _c ² -P _d ²	1. or 2. and divide	P _c ² -P _w ²	Ass	signed			Annog		R x Antilog Mcfd)	
-				divided by: P _c ² - P _y	, by:	L "기	Stano	ard Slope				,	,mara)	
_														
Open Flo	w		<u> </u>	Mcfd @ 14	.65 psia		Deliverab	oility	,		Mcfd @ 14.65 psi	a	•	
		iano	d authority ==			etatos that h			n male *	ho akaya ra	ort and that he ha		ladae of	
		•	•	id report is tru			•	18		•	DEMBER		15 20	
					1	R KANSAS CORP	eceived ORATION COM	IMISSION.						
			Witness (i	any)						Ford	Company			
			For Comm	Ission		MAL	0 4 201	b		Che	cked by		<u> </u>	

CONSERVATION DIVISION WICHITA, KS

exempt and tha correct of equip	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status 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 to the best of my knowledge and belief based upon available production summaries and lease records oment installation and/or upon type of completion or upon use being made of the gas well herein named. The reby request a one-year exemption from open flow testing for the TWEYGARDT 11-4R I 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 There agree to supply to the best of my ability any and all supporting documents deemed by Commission necessary to corroborate this claim for exemption from testing.
Date:	12/18/2015
	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.