## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:: en Flow			( Test Date	See Instructi	ons on Rev	erse Side	,	No. 15		
De	liverabili	ty		roor Duic	·•				023-21050-0	0-00	
Company FOUNDATION ENERGY MANAGEMENT,				, LLC		Lease ZWEYGARDT				11-06	Vell Number
County Location CHEYENNE E2-E2-NW-NW			Section 6		TWP 4S		RNG (E/W) 41W		Acres Attributed		
Field CHERRY CREEK				Reservoir NIOBRARA		•		Gas Gathering Conn SOUTHERN STAR		ection K/KINDER MORGAN	
Completion Date 7/31/2008			Plug Back Total Depth 1567'		1	<u></u> .	Packer Set at				
Casing S 7", 41/2"	Casing Size Weight ", 41/2" 17#, 10.5#			Internal Diameter 6.538", 4.052"		Set at 224', 1610'		Perforations 1410'		To 1450'	
Tubing Si 2-3/8""	bing Size Weight		t	Internal Diameter 1.995"		<u> </u>		Perfo	rations	То	
Type Completion (Describe) SINGLE (GAS)			• •	d Production VATER			Pump Unit or Travelin				
Producing Thru (Annulus / Tubing) ANNULUS			% C	le		% Nitrogen		Gas Gravity - G <sub>g</sub>			
Vertical E					Press	ure Taps				(Meter F	lun) (Prover) Size
Pressure	Buildup		2 2	15 at 1	1:00 AM	(AM) (PM)	Taken		20	at	(AM) (PM)
Well on L	ine:	Started 3/1	3 2	0_ <u>15</u> at_1						at	
	-	Otreta annu			OBSERVE	SURFACE				Duration of Shut-i	n 24.5 Hours
Static / Orifice Dynamic Size Property (inches)		9 Meter Prover Pressi	Prover Pressure in		Flowing Well Head Temperature t t		Casing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$ psig psia		Tubing ead Pressure r (P <sub>c</sub> ) or (P <sub>c</sub> )	Duration Liquid Produce (Hours) (Barrels)	
Shut-In			2				79	psig	psia		
Flow											
	1				FLOW STRI	EAM ATTRI	BUTES			<u> </u>	
Plate Coeffictient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia	Press Extension	Grav Fac	tor T	Tomporature		oviation Metered Flov actor R F <sub>pv</sub> (Mcfd)		GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G <sub>m</sub>
		_									
(P <sub>c</sub> ) <sup>2</sup> =		· (D)2-	::	•	OW) (DELIVI			_ATIONS + 14.4 ≈		(P <sub>a</sub> )² (P <sub>d</sub> )²	= 0.207
			Choose formula 1 or 2	1		1	sure Curve	i	<u> </u>	\. q/	Open Flow
(P <sub>c</sub> ) <sup>2</sup> -( or (P <sub>c</sub> ) <sup>2</sup> -(		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	<ol> <li>P<sub>c</sub><sup>2</sup> - P<sub>s</sub><sup>2</sup></li> <li>P<sub>c</sub><sup>2</sup> - P<sub>d</sub><sup>2</sup></li> <li>divided by: P<sub>c</sub><sup>2</sup> - P<sub>w</sub><sup>2</sup></li> </ol>	LOG of formula 1. or 2. and divide by:	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Ass	e = "n" or igned ird Slope	_ n x	rog	Antilog	Deliverability Equals R x Antilog (Mcfd)
			C. W				-				
Open Flo	w		Mcfd @ 14	.65 psia		Deliverabi	lity			Mcfd @ 14.65 psi	a
	_			• •		•			•	rt and that he ha	ū
the facts s	tated th	erein, and that s	aid report is tru		R	eceived		day of	LOCIMBER		, 20 <u>15</u> .
		Witness (	if any)		KANSAS CORP	ORATION COM	MISSION		For C	Company	
<del></del>		For Comm	nission		MAL	0 4 201	6		Cher	cked by	

CONSERVATION DIVISION WICHITA, KS

exempt status under and that the foregoir correct to the best of of equipment installar	penalty of perjury under the laws of the state of Kansas that I am authorized to request Rule K.A.R. 82-3-304 on behalf of the operator Foundation Energy Management, LLC ag pressure information and statements contained on this application form are true and my knowledge and belief based upon available production summaries and lease records tion and/or upon type of completion or upon use being made of the gas well herein named. The agreement of the gas well herein named and that said well:
is i	a coalbed methane producer cycled on plunger lift due to water a source of natural gas for injection into an oil reservoir undergoing ER on vacuum at the present time; KCC approval Docket No not capable of producing at a daily rate in excess of 250 mcf/D supply to the best of my ability any and all supporting documents deemed by Commission 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.