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

Type Test	t:				(	See Instruct	ions on Rev	erse Side	e)					
Open Flow				Test Ostor						15 <sub>-</sub> 0	23-21068-00-	.00		
Deliverabilty					Test Date:				API	No. 15 10-0	20-21000-00-	00		
Company	·						Lease					Well Nu	mber	
, ,		Ene	ergy Mana	gement, LL	С		DUNBAR	ł .				31-		
County Lo			Locati			TWP		RNG (E/W)		-	Acres Attributed			
Cheyenne SW-NE-NW-NE				132S				9W						
Field					Reservoir NIODDADA				Gas Gathering Connection SOUTHERN STAR					
BIG TIMBER Completion Date				NIOBRARA  Plug Back Total Depth					Packer S		4IX			
11/11/2		.0			1367	k loter Dept	••		1 acker c	Jet at				
Casing Size			Weigh	Weight Internal Diameter Se					Perfo	rations	То			
7", 4½"			17	<b>'</b> #, 10.6#	6.538", 4.052"		162', 1407'		1222		1260			
Tubing Size			Weigh		Internal Diameter		Set at		Perforations		То			
2 3/8"				4.7#	1.995 1287'									
Type Con		n (Di	escribe)			Fluid Production  Itwater			Pump Unit or Traveling Plunger? Yes / No yes-rod p				mn	
Single Producing Thru (Annulus / Tubi									% Nitrog	ien		Gas Gravity - G		
ANNUL	_	•		, o dalban blonde						, —				
Vertical Depth(H) Pressure Taps (Meter Run) (Prover) Size										rover) Size				
Pressure	Buildu	n·	Shut in	9/8	, 15 at 2	2:10 PM	(AM) (PM)	Taken		20	at	,	AM) (PM)	
		•		9/9	15 2	2·10 PM	(/ 1107) (1 107)	vi) (Fivi) Taken					, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Well on L	.ine:		Started		10 at		(AM) (PM)	Taken		20	at	(	AM) (PM)	
						OBCEDVE	D SURFACE	DATA		<del></del>	Durantina of Charles	2	24	
	_ <del></del>		Circle one:	Pressure		1	Casi			Tubing	Duration of Shut-	<del>n</del>	Hours	
Static / Orific Dynamic Size Property (inche			Meter	Differential	Flowing Temperature	Well Head Temperature	Wellhead Pressure		Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration		Liquid Produced	
			Prover Pressu psig (Pm)	in Inches H <sub>2</sub> 0	t	t					(Hours)	(Barrels)		
Shut-In			F=-3 (			ļ	97	psia	psig	psia		+	· · ·	
Ond:				<u> </u>			97		ļ			₩		
Flow					<u>_</u>							<u> </u>		
						FLOW STR	EAM ATTRI	BUTES						
Plate			Circle one:	Press	Grav	rity	Flowing Dev		viation Metered Flow		v GOR		Flowing	
Coeffictient (F <sub>b</sub> ) (F <sub>p</sub> )		Pro	Meter or ver Pressure	Extension	Fac	ior	mperature Fa		ctor	R	(Cubic Fee	ev i	Fluid Gravity	
Mcfd			psia	√P <sub>m</sub> xh	F,	'	F <sub>n</sub>		F <sub>pv</sub> (Mcfd)		Barrel)		G,,	
	1													
							ERABILITY)					= 0.2	07	
(P <sub>e</sub> ) <sup>2</sup> =				Choose formula 1 of 2		<del></del> ?	% (Р <u>.</u>	· - 14.4) +	14.4 =	<del></del> : <sub>1</sub>	(P <sup>a</sup> );	<u></u>	<del></del> -	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(F	2 <sub>0</sub> )2 - (P <sub>w</sub> )2	1. P <sub>c</sub> <sup>2</sup> -P <sub>a</sub> <sup>2</sup>	LOG of		Backpressure Curve Slope = "n"		1 1			Open Flow		
				2. P2-P2	formula 1. or 2.				.   " ×	LOG	Antilog	Deliverability Equals R x Antilog		
( , (	ره '			divided by: P.2 - P.	and divide by:	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>		rd Slope		LJ		<u> </u>	(Mcfd)	
							-					<del>                                     </del>		
					_ ! .					:		<u> </u>		
Open Flo	w			Mcfd @ 14	.65 psia		Deliverabil	lity			Mcfd @ 14.65 psi	а		
The t	unders	ianea	authority, or	behalf of the	Company, s	states that he	e is dulv aut	horized to	o make th	ne above repo	rt and that he ha	s know	ledge of	
		-	-		• • •		-	2		00	TOBER		15	
me racts s	iared ti	ierei	n, and that sa	id report is tru	e and correc				uay of		<u> </u>	— · ·	20	
					K	INSAS CORPO	COIVED RATION COMMI	SSION						
			Witness (i	any)			_			For C	Company			
			For Comm	ission		<u> </u>	0 9 201 <u>5</u>			Chec	ked by			
						CONCEDUA	F160 (				-			

exempt status under Rule K.A.R. 82-3-304 and that the foregoing pressure informati correct to the best of my knowledge and be of equipment installation and/or upon type	ader the laws of the state of Kansas that I am authorized to request 4 on behalf of the operatorFoundation Energy Management, LLC tion and statements contained on this application form are true and pelief based upon available production summaries and lease records to of completion or upon use being made of the gas well herein named. On from open flow testing for the
is on vacuum at the prediction is not capable of production and the prediction is not capable of productions.	ft due to water gas for injection into an oil reservoir undergoing ER esent time; KCC approval Docket No ucing at a daily rate in excess of 250 mcf/D  of my ability any and all supporting documents deemed by Commission
Date:    10/2/2015   Received   KANSAS CORPORATION COMMISSION     OCT 0 9 2015   CONSERVATION DIVISION   WICHITA, KS	Signature:  OPERATIONS ASSISTANT  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.