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

Type Test	t:					(See Instruct	tions on Reve	erse Side	<u>;)</u>				
□ Op	en Flo	w								000	20502.00.00		
De	liverat	ilty			Test Date	<b>9</b> :			API	No. 15 -023	-20502-00-00		
Company							Lease					Well Number	
		Ene	ergy Mana	gement, LL	С	Z١	NEYGARI	TC				33-32	
County			Locati		Section		TWP		RNG (E	/W)		Acres Attribute	d
CHEYE	NNE		NWS	Ξ		32	3S		4	<u>1W</u>		<u></u>	
Field					Reservoi					thering Conn			
CHERF			:K		NIOBR						nder Morgan		
Completic		te			Plug Bac 1518'	k Total Dept	ħ		Packer \$	Set at			
6/16/20 Casing S			Weigh		internal [	Diameter	Set at		Perio	rations	То		<u> </u>
7", 4½"			17#, 10.5#		6.538, 4.052		256', 1565'				- 1425'		
Tubing Size			Weight		Internal Diameter		Set at		Perforations		To		
2-3/8				4.7#		1.995		1363'					
Type Con		-				d Production	1		Pump U	nit or Traveling			
SINGL	<u> </u>					WATER				<u> </u>		lod Pump	
	•	(Anı	rulus / Tubin	g)	% 0	Carbon Dioxi	de		% Nitrog	jen	Gas Gra	avity - G <sub>g</sub>	
ANNUL					<del></del>						/14 · -		
Vertical D	epin(F	1)				Press	sure Taps				(Meter I	Run) (Prover) S	ize
				4440					<del></del>		·		
Pressure	Buildu	ıp:	Shut in	11/13	20 <u>14</u> at_	8:00 AM	(AM) (PM) 7	「aken		20	at	(AM) (Pi	VI)
Well on L	ine:		Started	11/14	20 14 at 8	B:00 AM	(AM) (PM) 1	Taken		20	at	(AM) (PI	Mì
													<del>,</del>
:						OBSERVE	D SURFACE	DATA			Duration of Shut-	in24H	lours
Static /	Orifi	ico	Circle one:	Pressure	Flowing	Well Head	Casin	ıg		Tubing			
Dynamic	Siz		Meter Prover Pressu	Differential	Temperature		Wellhead P			ead Pressure r (P,) er (P,)	Duration (Hours)	Liquid Produc (Barrels)	ed
Property	(inch	es)	psig (Pm)	Inches H <sub>2</sub> 0	t	t	psig	psia	psig	psia	'	MICHIT	A.
Shut-In							120						
_				<del></del> -	<del> </del>	<del></del>				<del></del>	<del>- DEC</del>	<del>  1-2014  </del>	$\dashv$
Flow					ļ.,							11 11 11 mm	
<b>,_</b>				<u> </u>		FLOW STR	EAM ATTRIE	UTES			REI	CEIVED	
Plate	,		Circle one:	Press	Grav	vitv	Flowing	Dav	iation	Metered Flow	v GOR	Flowi	ng
Coetfied (F <sub>b</sub> ) (F		Pro	Meter or ver Pressure	Extension	Fac	tor	Temperature Factor	Fa	ctor	R	(Cubic Fe	Grav	
Mcfd			psia	✓ P <sub>m</sub> xh	F.	g	F <sub>it</sub>	F	py ,	(Mcfd)	Barrel)	G <sub>m</sub>	- 1
				J				_					
					•		ERABILITY)					<sup>2</sup> = 0.207	
(P <sub>c</sub> )² ≍		_ :	(P <sub>w</sub> ) <sup>2</sup> =		P <sub>d</sub> =		<u>% (Р.</u>	- 14.4) +	14.4 =	:_	(P <sub>d</sub> )	<u> </u>	
(P <sub>c</sub> )²- (i	P.)2	(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or  1. Pc 2 - P.2	2: LOG of			sure Curve	,	ΓΊ		Open Flow	
or or		,	°' ' w'	2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup>	formula 1, or 2.		~~~~~~	ý	n x	LOG	Antilog	Deliverabilit Equals R x Ar	
(P <sub>e</sub> )2- ()	P <sub>a</sub> )*			divided by: P.2 - P.	and divide 2 by:	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>		gned rd Slope		L J		(Mcfd)	
			1	<u> </u>	<del>-</del>		<del> </del>		<del>  -</del>				
					-								
												<u> </u>	
Open Flor	w			Mcfd @ 14	.65 psia		Deliverabili	ity			Mcfd @ 14.65 psi	a	
<u> </u>								•			<u>.</u>		_
		•	•				•	_			ort and that he ha		
the facts s	tated t	herei	n, and that sa	aid report is tru	e and correc	t. Executed	this the		day of _	חבו	CEMBER	, 20 <u>14</u>	<u> </u>
			Witness (	f any)		<u>-</u>	_		<u>.</u>	For C	Company		
			For Comm	nission			_			Che	cked by	_	

exempt sta and that the correct to the of equipment I herek	atus under Rule K.A.R. 82- ne foregoing pressure inf the best of my knowledge ent installation and/or upo	-3-304 on behalf of the ormation and stater and belief based up in type of completion emption from open floor	of the state of Kansas that I am authorized to request the operator Foundation Energy Management, LLC ments contained on this application form are true and non available production summaries and lease records or upon use being made of the gas well herein named.  Sow testing for the ZWEYGARDT 33-32
	is a source of na	nger lift due to water tural gas for injectio the present time; KC	n into an oil reservoir undergoing ER C approval Docket No rate in excess of 250 mcf/D
	er agree to supply to the lacessary to corroborate the	· · · · · ·	y and all supporting documents deemed by Commission on from testing. KCC WICHITA じこ 1 1 2014 RECEIVED
		Signature: 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.