KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:						See Instruct	tions on Rev	erse Side	;)				
Open Flow			Tool Date:				API No. 15 -023-21027-00-00						
Deliverabilty				Test Date:				API No. 15 020-21021-00-00					
Company	,						Lease					Vell Number	
		Ene	ergy Manag	gement, LLC		KE	LLER FAF	RMS				33-7	
County Location Section										RNG (E/W)		Acres Attributed	
CHEYENNE NE-SW-NW-SE					7	2S	2S		8W				
Field						Reservoir			Gas Gathering Connection				
CHERRY CREEK				NIOBRARA				SOUTHERN STAR					
Completion Date				Plug Back Total Depth 1414'			Packer S	Set at					
11/18/2008 Casing Size Weight				Internal [Set at	<u> </u>	Perfo	rations	To				
7", 4½"			-	7#, 9 <i>.</i> 5#	6.538, 4.090		245', 1449'				1308'		
Tubing Size			Weigh		Internal Diameter		Set at		Perforations		То	То	
2-3/8" 4.7#				4.7#	1.995			260'					
**						Fluid Production Pump Unit or Traveling						/ No	
SINGL	<u> </u>				SALTWATER				ROD PUMP				
Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - G _g									avity - G _g				
ANNULUS (Matter Branch (Branch											Our /Drawn Cine		
Vertical Depth(H) Pressure Taps (Meter Run) (Prover) Size													
Pressure Buildup: Shut in11/620_14 at9:20 AM(AM) (PM) Taken20at(AM) (PM)								(AM) (PM)					
Well on Li	ine:		Started	11/7 2	0 14 at 9	9:20 AM	(AM) (PM)	Taken		20	. at	(AM) (PM)	
Well on Line: Started 11/7 20 14 at 9:20 AM (AM) (PM) Taken 20 at (AM) (PM)													
					1	OBSERVE	D SURFACE	DATA			Duration of Shut-	n 24 Hours	
Static / Orifi Dynamic Siz Property (inch		ze Prover Press		Pressure Differential	Flowing	Well Head	Wellhead Proceure		Tubing Wellhead Pressure (P_u) or (P_t) or (P_c)		Duration	Liquid Produced	
				re In	Temperature t	Temperature t						KCC WICHITA	
,	•		psig (Pm)	Inches H ₂ 0			psig	psia	psig	psia	NOC VY	CHHA	
Shut-In							109			_	DEC 1	2014	
Flow											nea	<u> </u>	
				· —		FLOW STR	EAM ATTRI	BUTES			KEC	EIVED	
Plate			Circle one:	Press	Grav	Gravity		Flowing		I deterned Flow	GOR	Flowing	
Coeffiecient		Meter or Prover Pressure		Extension	Fact	tor T	emperature		riation Metered Flow actor R		(Cubic Fed	et/ Fluid	
(F _b) (F _p) Mcfd		psia		√ P _m xh	F,		Factor F ₁		F _{pv} (Mcfd)		Barrel)	Gravity G _m	
					1			 		<u></u>	-		
					<u> </u>			1					
(P _c) ² =			(P _w)² =		•		ERABILITY) % (P.	CALCUL - 14.4) +		•	(P _a)² (P _a)²	= 0.207	
· · · —		=		Choose formula 1 or 2			<u>_</u>	sure Curve			. v a/		
(P _e)²- (F		(F	c)2 - (P_)2	1. P _c ² -P _e ²	LOG of formula		Slope	e = "n"	n x	LOG		Open Flow Deliverability	
or (P _e)² - (F	2)2			2. Pc - Pd	1. or 2. and divide	P _c ² -P _w ²		or gned	·		Antilog	Equals R x Antilog	
	•			livided by: P2-P			Standa	rd Slope				(Mcfd)	
					1							,	
						•							
Open Flow			Mcfd @ 14.65 psia				Deliverabil	ility Mcfd @ 14.65 psia					
The	ınders	igned	authority or	behalf of the	Company. s	tates that h	e is dulv ant	horized to	o make th	ne above repo	rt and that he ha	s knowledge of	
		-	•				-	5		-	EMBER	14	
uie iacis si	iated t	nerei	n, and that sa	id report is tru	anu correc	i. Executed	uns the	 	day of	·		, 20	
Witness (if any)							_	For Company					
			Ear Com-	esion			_			Chan	ked by		
			For Commi	DOIGE						Cnec	neu by		

I declare under penalty of perjury under the laws of the exempt status under Rule K.A.R. 82-3-304 on behalf of the orand that the foregoing pressure information and statement correct to the best of my knowledge and belief based upon of equipment installation and/or upon type of completion or the laws to the product of the product of the grounds that said well:	perator Foundation Energy Management, LLC Its contained on this application form are true and available production summaries and lease records upon use being made of the gas well herein named.
is a coalbed methane producer is cycled on plunger lift due to water is a source of natural gas for injection in is on vacuum at the present time; KCC a is not capable of producing at a daily rail I further agree to supply to the best of my ability any ar staff as necessary to corroborate this claim for exemption	pproval Docket No te in excess of 250 mcf/D and all supporting documents deemed by Commission
Date: 12/5/2014 WCC WICHITA DEC 1 2014 DEC 1 2014	Chipil Prather

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.