KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruc	tions on Hevi	erse Side	9)				
	oen Flo eliverat				Test Date	9 :			API I	No. 15 209	71-00-00		
Company	 у						Lease			025-		Well Nu	
	ation	Ene		igement, LL			RAILE		5NO /51		·	31-	
County CHEYE	NNE		Loca NWN		Section 11		TWP 3S		RNG (E/W) 42W		Acres Attributed		
Field ARMEL	L				Reservoi: NIOBR				Gas Gathering C KINDER MOR				
Completion 3/10/20		te			Plug Bac 1736'	k Total Dep	th		Packer Se	et at			
Casing S	Size		Weig			Internal Diameter		Set at		Perforations		To 1504'	
7", 4½				7#, 10 <i>.</i> 5#	6.538, 4.052		318', 1778'		1550' Perforations		1584' To		
Tubing S 2-3/8"			J	Weight 4.7#		Internal Diameter 1.995		Set at 1617'		ations	10		
Type Con SINGL	-				• •	d Production	n		Pump Uni	t or Traveling t		/ № D PUN	ИP
Producing	g Thru		nulus / Tubir	ıg)	% C	arbon Diox	ide		% Nitroge	en	Gas G	ravity - (G _g
ANNUL Vertical D		H)				Pres	sure Taps				(Meter	Run) (P	rover) Size
				44/40	44 4	4.00 ANA							
Pressure	Buildi	1b:	Shut in	11/10	20 14 at 1	1:30 AN	(AM) (PM)	Taken		20 _	at		(AM) (PM)
Well on L	_ine:		Started	11/11 2	0. 14 at 1	1:30 AM	(AM) (PM)	Taken		20 _	at		(AM) (PM)
						OBSERVE	D SURFACE	DATA			Ouration of Shut	-in	24 Hour
Static /	Dynamic Size		Circle one: Meter	Pressure Differential	Flowing	Well Head	Wellhead P	Casing Wellhead Pressure		Tubing Wellhead Pressure		Duration Liquid Produced	
Dynamic Property			Prover Press psig (Pm)	ure in	Temperature t	Temperature t	(P _w) or (P _t) or (P _c)		(P_w) or (P_t) or (P_o)		(Hours)	• · · · · · · · · · · · · · · · · · · ·	
Shut-lin			paig (Fili)	Inches H ₂ 0			psig 95	psia	psig	psia	1/7		* : OOU
Flow										 -	Di		1 2014
				<u>, </u>	·	FLOW STE	REAM ATTRI	BUTES				REC	EIVED
Plate			Circle one:	Press	Grav	rity	_ Flowing Dev		viation Metered FI		w GOR		Flowing
Coeffied (F _b) (F		Pro	Meter or ver Pressure	Extension	Fac	tor	Temperature Factor	Facto	ctor R		(Cubic F		Fluid Gravity
Mcfd			psia	√ P _m xh	F,	ì	F _{rt}	1	pv	(Mcfd)	Barrel) 	G _m
								<u> </u>					
(P _c) ² =		:	(P _w) ² :	= ;	•	, -	/ERABILITY) % (P		ATIONS 14.4 =	:) ² = 0.2	207
			-	Choose formula 1 or 2	2:			sure Curve				Τ	pen Flow
(P _c) ² - (I or (P _c) ² - (I	P_)2	[(F)2 - (P _w)2	1. P _c ² -P _a ²	LOG of formula			e = "n" or	n x L	og	Antilog	Dei	liverability
(P _c)²- (I	P_d) ²			2. P _c ² -P _d ²	1, or 2, and divide	P.2-P.2	Assi	igned					s R x Antilog (Mcfd)
			-	divided by: P _c ² - P _w	² by:		Standa	rd Slope				+	,,,,,,
			:									+	
Open Flo	w	l		Mcfd @ 14	 .65 psia		Deliverabil	lity			1cfd @ 14.65 ps	ia.	
				on behalf of the									
he facts s	stated	therei	n, and that s	aid report is tru	e and correc	t. Executed	this the	5	day of	DEC	EMBER	······································	20
			Witness	(if any)			_		.н.	For Co	mpany		
				··· •··//					 -	<u>.</u>			
			For Com	mission			_			Check	ed by		

I declare und	er penalty of perjur	y under the laws of	the state of Kansas t	hat I am authorized to request			
				on Energy Management, LLC			
				s application form are true and			
_				summaries and lease records			
of equipment insta	Illation and/or upon	type of completion o	or upon use being mad	e of the gas well herein named.			
I hereby reque	est a one-year exem	ption from open flov	w testing for the	RAILE 31-11			
	ounds that said well						
(Check	one)						
	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	e present time; KCC	approval Docket No.				
\checkmark	is not capable of p	roducing at a daily	rate in excess of 250 i	mcf/D			
_				cuments deemed by Commission			
statt as necessan	to corroborate this	s claim for exemption	n from testing.	KCC WICHITA			
J							
	70014			OF C 4 1 71176			
	5/2014			DEC 1 1 2014			
1 <i>2/</i> 5	5/2014			RECEIVED			
1 <i>2/</i> 5	5/2014			320 1 2 200			
1 <i>2/</i> 5	5/2014	Signatura	D. J. Kurkil (RECEIVED			
1 <i>2/</i> 5	5/2014	Signature:		RECEIVED			
1 <i>2/</i> 5	5/2014	Signature: Title:		RECEIVED			

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.