KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

ayne Energy Operating, LLC Lowrence 7G-5 Lovering Control County Location Section TVP RNDC (EW) Across Attributed 40 Across):			API				
Company Comp	_ <i>'</i>	1/19/20	11			125	5-32004-00 - 0	•		
April Apri	Company Layne Energy Operating, LLC				 сө				Well Number	
Inkinown Kansas City Sycamore Pipeline LLC						W)				
-18-2011 650° NA Internal Diameter Set at Perforations To 520° Ubling Size Weight Internal Diameter Set at Perforations To 520° Ubling Size Weight Internal Diameter Set at Perforations To 520° ACC Section Size Sec	Field Jnknown									
10.5#	Completion Date 1-18-2011		k Total Depti	h			Set at			
A System Companies Com	-									
Continue	Tubing Size Weight NA	Internal C	Diameter	Set a	Set at Perforations		rations	То		
Casing O.146 17.355 O.6272 Pressure Taps (Mater Run) (Prover) Size 20' Flanged 2" Meter Run) Pressure Buildup: Shut in 1/18 20 11 at 1:24 PM (AM) (PM) Taken 1/19 20 11 at 1:52 PM (AM) (PM) Valid on Line: Started 20 at Casing Temperature Size Prover Pressure Differential in Inches H ₁ O Inches H ₂ O Inches H ₃ O Inches H ₂ O Inches H ₃ O I	Type Completion (Describe) Acid 500 gallons 15% HCL		d Production	1	-	Pump Ur	nit or Traveling	Plunger? Yes	/ No	
Assing 0.146 17.355 0.6272	Producing Thru (Annulus / Tubing)	% C	arbon Dioxid	de		% Nitrog	en	Gas Gra	avity - G	
Flamped 2" Meter Run 7" 7" 7" 7" 7" 7" 7" 7	Casing	0.146			=					
Pressure Buildup: Shut in 1/18 20 11 at 1:24 PM (AM) (PM) Taken 1/19 20 11 at 1:52 PM (AM) (PM)	Vertical Depth(H)		Press	sure Taps	· · · · · · · · · · · · · · · · · · ·	4		(Meter F	Run) (Prover) Size	
OBSERVED SURFACE DATA	520'		Flang	ged				2" Me	ter Run	
Static / Orifice Circle one: Proser Pressure Differential in chose H ₂ O Proser Pressure Prover Pro	Pressure Buildup: Shut in 1/18	20 11 at 1	24 PM	(AM) (PM)	Taken_1/	19	20	11 _{at} 1:52 P	M (AM) (PM)	
State / Orifice Size / Orifice / Orifice Size / Orifice / Orifice Size / Orifice	Well on Line: Started	20 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
State Orlice Marier Prover Pressure			OBSERVE	D SURFACI	E DATA			Duration of Shut-	in 24.5 Hours	
Property Prover Pressure In Inches H ₂ Q In	Static / Orifice		Temperature Temperature (P.) or (P.)					Duration	Duration Liquid Produced	
Shut-In Inches H ₂ 0 Inches H ₂	Property (inches) Prover Pressure	in [emperature							1 '	
FLOW STREAM ATTRIBUTES Plate Conditional: (F,)(F,) Motor Power Prassure psia Copen FLOW) (OPEN FLOW) (O	psig (Pm) In	nches H ₂ 0	'	ρsig	psia				ļ <u></u>	
Plate Coefficient (F ₁) (F ₂) P ₂ xh Festor Factor Fig. (Mcld) P ₁ xh P ₂ xh F ₃ F ₄ F ₄ F ₄ F ₅	Shut-In Shut-In			175.22	189.62					
Plate Coefficient Meter or Prover Pressure psia	Flow									
Coefficient (F _x) (F _y) (F _y) Mcfd Prose Prosesure paid (P _x) (F _y) (F _y) (P _x)			FLOW STRI	EAM ATTR	IBUTES	·	······································			
(P _e) ² = (P _e)	1 1010		Gravity				Metered Flow	GOR		
(OPEN FLOW) (DELIVERABILITY) CALCULATIONS (P _a) ² =	(E.) (E.) Penyas Procesus	Pac	or i	•				-	31/ I	
P _c ² =	McId psia	/ Pmxn	<u> </u>	F _{ij}	<u> </u>	ρv -	(MCIQ)	Barrell		
P _c ² =		(ODEN EL	DW0 (DE) 0/5							
Pen Flow Mcfd © 14.65 psia Deliverability The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of a facts stated therein, and that said report is true and correct. Executed this the Slope = "n"	P _c) ² =: (P _w) ² =				•		:	-		
Or (P _e) ² - (P _e) ² Quality R x Antilog Pen Flow Mcfd 2 14.65 psia Deliverability The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of a facts stated therein, and that said report is true and correct. Executed this the Slope a fin n x LOG Antilog Peliverability Antilog Peliverability Antilog Peliverability Mcfd 2 14.65 psia CC Will MAY 0 3 May Antilog MAY 0 3 MAY 0 3 MAY Antilog MAY Antilog MAY 0 3 MAY 0 3 MAY Antilog MAY 0 3 MAY 0 3 MAY MAY 0 3 MAY 0 3 MAY MAY 0 3 MAY 0			Γ			7	٦٦		Open Flow	
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of a facts stated therein, and that said report is true and correct. Executed this the	or .	formula		•		nxi	LOG	Antilog	Deliverability	
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of a facts stated therein, and that said report is true and correct. Executed this the		o d and divide	P. 2. P. 2	As:	signed	1				
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of a facts stated therein, and that said report is true and correct. Executed this the	divided	οy. ε _κ - ε _ν οy.	<u>'- </u>	Stantu	ara araha	+	- -		KECE	
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The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of a facts stated therein, and that said report is true and correct. Executed this the	Open Flow M	lcfd @ 14.65 psia	<u> </u>	Deliverab	ility			Acid @ 14.65 psi	KCC WIL	
e facts stated therein, and that said report is true and correct. Executed this the 1st day of May			tatas that La						TOO WALL	
mm/ mohy				_				t and that he has		
mmillowny	e facts stated therein, and that said rej	port is true and correct	. Executed t	this the 1s	<u>st</u> ,	day of M	ay 🔀	12	,20 _12	
74118108						m	mi	V/m	Dha-	
Witness (If any) Fol Confedity / / / / /	Witness (if any)		***************************************	-		///	Folice	interny	1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
							1.40		' //	
For Commission Checked by	For Commission						Check	ed by		

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I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to rexempt status under Rule K.A.R. 82-3-304 on behalf of the operator Layne Energy Operating, LLC	equest
and that the foregoing pressure information and statements contained on this application form are tractional correct to the best of my knowledge and belief based upon available production summaries and lease representation of equipment installation and/or upon type of completion or upon use being made of the gas well herein representation in the representation of the repr	ecords
gas well on the grounds that said well:	
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 present time; KCC approval Docket No. is not capable of producing at a daily rate in excess of 250 mcf/D I further agree to supply to the best of my ability any and all supporting documents deemed by Costaff as necessary to corroborate this claim for exemption from testing. Date: 5/1/2011	mmission
	RECEIVE MAY 0 3 2
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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.