KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruc	tions on Re	verse Side	=)		• ·			
Open Flow									٦					
Deliverabilty					Test Date: 6/17/14				API No. 15 15-175-10022 - 0000					
Company Lime Ro		Reso	urces II-A	.LP	Lease Massoni GU			Well Number 2				mber		
County Location Seward NE-SE				Section 6	1	TWP 33S				Acres Attributed 640				
Field Massoni				Reservoir Morrow			Gas Gathering Con Panhaldle Easte					·		
Completion Date 10/18/1958					Plug Bac 5825	k Total Dept	th		Packer S None	Set at				
Casing Size Weight 5 12" 14.0				Internal E	Diameter	Set at 5731		Perforations 5549		To 5618	то 5618			
Tubing Size Weight 2 3/8" 4.7				nt	Internal I 1.995	Diameter	Set at 5582		Perforations		То	То		
Type Completion (Describe) Single Gas					Type Fluid Production			Pump Unit or Traveling Plunger? Yes / No						
Producing Thru (Annulus / Tubing)					% Carbon Dioxide			% Nitrog	jen	Gas Gr	Gas Gravity - G _g			
Annulus Vertical D		-()				Pres	sure Taps				(Meter	Run) (P	rover) Size	
5584						<u> </u>								
Pressure	Buildu										at			
Well on Line: Started 6-18 20 14 at 8:30 AM (AM) (PM)							(AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERVE	D SURFACI	E DATA			Duration of Shut-	in	Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Press		Flowing Temperature t	Well Head Temperature t	Wellhead	Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing ead Pressure r (P ₁) or (P ₅)	Duration (Hours)	Liquid Produced (Barrels)		
Shut-In	(IIIICI		psig (Pm)	Inches H ₂ 0		.•	psig	psia	psig	psia			_	
Flow	<u>. </u>				, -		81						<u></u>	
	!					FLOW STR	L EAM ATTR	IBUTES						
Plate)		Circle one:	Press	Grav	vitv	Flowing	Dev	iation	Metered Flov	v GOR		Flowing	
Coefficcient (F _b) (F _p) Mcfd		Pro	Meter or over Pressure psia	Extension P _m xh	Extension Fac		Temperature Factor F _{it}	ure Factor		R (Mcfd)	(Cubic Fe Barrel)		Fluid Gravity G _m	
				•								_		
_					(OPEN FLO	OW) (DELIV	ERABILITY	CALCUL	ATIONS		(P ₋)	² = 0.2	 07	
(P _c) ² =		<u>_:</u>	(P _w) ² =	Choose formula 1 or 2:	P _d =		% (F	c - 14.4) +	14.4 =	 :	(P _d)		<u> </u>	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(F)2- (P _w)2	 P_c² - P_a² P_c² - P_d² 	P ² -P ² P ² D ² P ² P ² D		Slop	ssure Curve ne = "n" or signed	l n x	LOG	Antilog De		en Flow verability R x Antilog	
				divided by: P _c ² - P _w ²	by:	P.º-P.	Standa	ard Slope	-			,	(Mcfd)	
										•				
Open Flo	w			Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.65 ps	ia	<u>.</u>	
The i	unders	igned	d authority, o	n behalf of the	Company s	tates that h	e is duly au	thorized t	o make ti	ne above repo	ort and that he ha	as know	ledge of	
the facts s	stated t	herei	n, and that s	aid report is true	and correc			13	day of	The		, 2	20 15.	
			Witness (if any)	KANSAS	Receive CORPORATION	ed I COMMISSION	Sa	<u>~\\</u>	Ly M	mpany			
			For Comm	···	<u>J</u>	UL 16	2015 -		_/>	<u>[]</u>	cked by			
					CON	SERVATION D WICHITA, K	PIVISION S.			į one				

exempt status un and that the fore correct to the bes of equipment inst I hereby requ	der penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator Lime Rock Resources II-A, LP going pressure information and statements contained on this application form are true and st of my knowledge and belief based upon available production summaries and lease records tallation and/or upon type of completion or upon use being made of the gas well herein named. Just a one-year exemption from open flow testing for the Massoni Gas Unit 2 rounds 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 the to supply to the best of my ability any and all supporting documents deemed by Commission by to corroborate this claim for exemption from testing.
Date: 7/13/2014	
К	Received ANSAS CORPORATION COMMISSION JUL 16 2015 CONSERVATION DIVISION WICHITA, KS

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.