KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

rpe Test:			(Se	e Instruction	ons on Reve	rse Side)						
Open Flow Deliverabilty	y		Test Date:				API N	o. 15 119 –	21037-000	b		
ompany					Lease				W	ell Number		
	L OPERATIN	G COMPAN	Y, LLP			MS_RAN		<u> </u>		2=15		
ounty	Location	1	Section		TWP		RNG (E/W	<i>l</i>)	Ac	cres Attributed	1	
MEAD	ENE=N	IE-SW	15		35S		30 W	ering Connec	tion			
eld	1	(Reservoir				CP	aring Connec				
dams R			Shawn	Total Depti	<u> </u>		Packer Se	t at				
ompletion Date			Filing Dack	TOTAL DOPL			•					
asing Size	Weight		Internal Di	ameter	Set at		Perfore		To			
5½	15.5	_		4.95 6462			4251		4256			
ubing Size	Welght	Welght I		Internal Diameter		et at Perforat		ations	ons To			
2 7/8	6.4		2.4		4312			Y	Ohiones Con V	. No		
pe Completion	(Describe)		• .	Production				t or traveling	Plunger? (es)	NO		
SINGLE ((GAS)				AS & OI	L)	% Nitroge	od Pun	Gas Gra	vitv - G	—	
roducing Thru ((Annulus / Tubing)	% C	arbon Dioxi	ue		76 Minoge	,,,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,		
TUBING				Proc	sure Taps				(Meter R	Run) (Prover) S	ize	
ertical Depth(H))			1 105	auto tupo				•			
_6350				10.00	$\overline{}$				10.00		5	
ressure Bulldup	o: Shut in <u>9-</u>	<u>30</u> 2	0 <u>11</u> at	10:00 ((AM) (PM)	Taken	10-01	20 .	11 at 12:00	(AM)(P)	M	
dell en Lines	Started 10-	01 2	o 11 at	12:00	(ÅM) (PM)	Taken		20	at	(AM) (PN	M)	
Vell on Line:	Statieu <u></u>	<u> </u>										
				OBSERVE	D SURFACI	E DATA			Duration of Shut-i	in+	Hours	
1	Circle one.	Discours			Casing			Tubing				
Static / Orific	Meter	Differential	Flowing Temperature	Well Head Temperature	Wellhead Pressure		Wellhead Pressure (P _w) or (P ₁) or (P ₆)		Duration (Hours)	Liquid Produc (Barrels)	Liquid Produced (Barrels)	
roperty (Inches) Prover Pressur		re In Inches H ₂ 0	ol lu l , f		(P _w) or (P	(P _w) or (P _t) or (P _d)		(P ₁) or (P ₆)	(10013)	(Startelly)	ĺ	
	bed (Lui)	IIICIIUS II20	<u> </u>		psig	рыа	psig			 		
Shut-In					60							
Flow				i								
l	1		<u> </u>	FLOW ST	REAM ATTR	IBUTES						
		T		12011011						Flowi	vina	
Plate Coefflecient			vity Flowing Temperature			Deviation Metered Flo Factor R		GOR (Cubic Fe	et/ Flui			
(F _b) (F _p)	Prover Pressure	✓ P _m xh	Fac F	1	Pactor		F	(Mcfd)	Barrel)	Grav	Gravity G _m	
Metd	psia	, m		<u> </u>	F _{It}							
		!	(ODEN EL	OW) (DELI	VERABILITY	A CALCIII	ATIONS		(0.)	2 0 007		
			•						(P _a)) ² = 0.207		
P _c) ² =	: (P _w)² =		P _a =		<u>_% (</u>	P _c - 14.4) +	F 14.4 =	 :	(, 9)	<u> </u>	- 1	
(P _a)² - (P _a)²	(P _a) ² - (P _w) ²	1. P _c ² - P _a ²	LOG of	Γ		essure Curv ope = "n"	1	[] '		Open Flov Deliverabili	1	
or	('a' '('w')	2. P _q 2. P _g 2	iormula 1. or 2.			. or	l n x	LOG	Antilog	Equals R x A	- 1	
$(P_{_{0}})^{2} - (P_{_{0}})^{2}$		divided by: P. P	and divide	P.2. P.2	1 1	ssigned dard Slope				(Mcfd)		
			*									
											\dashv	
						hility			Mcfd @ 14.65 ps	sia	_	
		N-44 G 1	4 EE ==!-		Daliuara				Pc			
		Mcfd @ 1			Delivera							
	signed authority, o			states that			to make t	the above rep	ort and that he h	as knowledge	of	
The unders		on behalf of th	e Company,		he is duly a	authorized		the above rep	ort and that he h	as knowledge		
The unders	signed authority, o	on behalf of th	e Company,		he is duly a	authorized		MAY	ort and that he h			
The unders		on behalf of th	e Company,		he is duly a	authorized	_ day of _	MAY CALL RATING	ort and that he h	, 20 <u>1</u> LD	<u>12</u> .	
		on behalf of th	e Company,		he is duly a	authorized		MAY Cand RATING	ort and that he h	, 20 <u>1</u> LD	<u>12</u> .	
The unders	therein, and that s	on behalf of the	e Company,		he is duly a	authorized	_ day of _	MAY Carl RATING	J. OW JOMPANY, L Company	LP RECE	IVE	
The unders	therein, and that s	on behalf of the	e Company,		he is duly a	authorized	_ day of _	MAY Carl RATING	J. OW JOMPANY, L Company	, 20 <u>1</u> LD	IVE	

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator H & L OPERATING COMPANY, LLP and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for theADAMS_RANCH_2515 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 Commission staff as necessary to corroborate this claim for exemption from testing. Date: MAY 21, 2012
Signature: Canol Dileal RANDY J. O'NEAL Title: ENGINEER

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 catendar 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 GENTED signed and dated on the front side as though it was a verified report of annual test results.

JUN 0 1 2012

KCC WICHITA