KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TESTIVIL

0C7 1 2012

Type Te				(See Instructions on Reverse Side)					VICHITA			
Open Flow Deliverabilty				Test Date:		API No. 15 -007 - 23100 -0000						
		ту —						30° ° ''	17-23	100.	0000	
Company LAROW DE (505 T				Lease			•			Well Number		
County		Log	cation	Section	TWP	ene	RNG (EM	<u> </u>				
750	ark	ier. S	E-SW	14	3	25	TING (La	" 10 u)	Acres	Attributed	
Field				Reservoir			Gas Gath	ering Conne	ction	<i>r</i> :		
Çompleti	hc.i	0/		Plug Back Tota	7;55 I Donth		Da akan Ca	56a	550/L	1Cl		
1-17-2007				. ing Dabit Tota		4434		Packer Set at				
Casing Size 12 Weight 14#				Internal Diamet		Set at 45 4.3		itions 4	To 366	To 4390		
Tubing S	2 7/	₩e	(o.5#	Internal Diamet	ter Set		Perfora	tions	То	_/ 3 6	<u> </u>	
Type Cor	npletion	(Describe)		Type Fluid Prod	duction		emp Unit	or Traveling i	Plunger?	(S)/ No		
	0 Thru (Annulus / Tub	ing)	<i>り,1</i> % Carbon	+ was	her C	-R	od Pur	np			
Λ	บเมร		mig)	% Carbon	Dioxide -	•	% Nitroger	ו י י	Gas	Gravity - 0	∃ _g	
Vertical E					Pressure Taps			. . —	(Mete	r Run) /P	rover) Size	
		<u> </u>							(inote	21 11 0 13) (1	iover) dize	
Pressure	Buildup:	Shut in _@	3-1 2	012 at 4.1	S (AM) PM)	Taken		20				
Well on L	ine:	. Started		12 _{at} (6:15 (AM) (FM)) Taken_					20 at (AM) (PM)			
				at <u>Co-1</u>	- (AM) (PM)) laken		20 _	at	(AM) (PM)	
_	-			OBSI	ERVED SURFACE	E DATA			uration of Shi	. 2	6 Hours	
Static /	Orifice	Circle one Meter	1	Flowing Well H	lead Cas	٠ .	Tub	ing	- aranon or on			
Dynamic Siz Property (inch		nes) Prover Pressure in		Temperature Temper) (P \ar/P		Wellhead Pressure (P _w) or (P ₁) or (P _a)		Duration Liq (Hours)		uid Produced (Barrels)	
	psig (Pm) Inches H ₂ 0		n) Inches H ₂ 0		psig	psia	psig psia					
Shut-In					180		i					
Flow							-					
			_	FLOW	STREAM ATTRI	BUTES	·			_!		
Plate		Circle one:	Press	Gravity	Flowing	7		·	- j	·		
Coeffieci (F _b) (F _p		Meter or Prover Pressure	Extension	Factor	Temperature Factor	Deviati Facto		Metered Flow R	GOF (Cubic F		Flowing Fluid	
Mcfd	,	psia	✓ P _m xh	F	F _{rt}	Fpv		(Mcfd)	Barre	1	Gravity G _m	
•		-							 			
			<u> </u>	OPEN ELOWY (D	El IVEDADI: ITT	041 017 1						
(P _c)² =		(P _w) ²		(OPEN FLOW) (DI) ² = 0.20	7	
			Chaose formula 1 or 2:	P _d =	<u> </u>	; - 14.4) + 14	l.4 =	:	(P.	_i) ² =		
(P _c)²- (P	- 1	(P _c) ² - (P _w) ²	1. P _c ² -P _a ²	LOG of formula	Backpressure Cu Slope = "n"		ln v ing		*		Open Flow	
or (P _c)²- (P	_d) ²		2. P _c ² -P _d ²	1. or 2. and divide P2. P		origned	- I'' X LOG		Antilog	Deliverability Equals R x Antilog		
			divided by: P ₀ ² -P _w ²	by:	Standa	rd Slope	ļ <u> </u>			1	Acfd)	
										.		
Open Flow Mcfd @ 14.65				psia Deliverability								
		-dt "	· · · · · · ·				<u> </u>		fd @ 14.65 ps			
ine ur	idersigne	ed authority, o	on behalf of the C	company, states th	at he is duly aut	horized to m	nake the a	bove report a	and that he h	as knowle	dge of	
ie facts sta	ted there	ein, and that s	ald report is true a	and correct. Exect	uted this the	day	/ of	Oct.		, 20	17.	
,		,									-	
		Witness	(if any)	<u> </u>	- -			For Corne	Zans.			
	<u></u>	For Cornr	mission		_							

OCT 17 2012

KCC WICHITA

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 & BOU & CAS, Inc.								
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.								
Thereby request a one-year exemption from open flow testing for the								
gas well on the grounds 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 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:								
\sim								
Signature:								
Title:								

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.