## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(	See Instruct	ions on Re	verse Side	)		_	
= :	en Flov Ilverabi				Test Date	: er 19, 201	Λ		API	No. 15	119-20171 ~ (	$\mathcal{O}$
Company			-4 1		710101112		Lease	- Danah		.,,		Well Number
County	In & As	SOC	iates, Inc. Location		Section		TWP	s Ranch	RNG (EA	W)		1 Acres Attributed
Meade			CW2SV		23		32S		29W			320
Fleid Angell					Reservoir Morrow	•				ering Connec Pipeline, LLC		
Completion Novemb			4		Plug Bac 5,758' /	k Total Dept ' 5,780'	h		Packer S	et at		
Casing S 5 1/2"	ize		Welght 15.5#/		Internal E 4.95"	Diameter	Set : 5,75			atlons 5,631'-5,657	То	
Tubing S 2 3/8"	lze		Weight 4.7#/f		Internal D 1.995"	Dlameter	Set	at	Perfor	ations	То	
Type Con Cased					Type Flui Water	d Production	1		Pump Un Pumpii	it or Traveling I	Plunger? Yes	/ No
	_	(Ann	ulus / Tubing	)	% C	arbon Dioxi	de		% Nitroge	en .	Gas Gr	avity - G <sub>g</sub>
Annulus Vertical D		)		<del></del> -		Press	sure Taps				(Meter 8	Run) (Prover) Size
					· <b>-</b>							
Pressure	Buildup	o: S	Shut in Nov	19 2	0 10 at 7	:00 AM	(AM) (PM)	Taken_N	ov 20	20 _	10 at 7:00 A	M (AM) (PM)
Well on L	.ine:	5	Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
						OBSERVE	D SURFAC	E DATA		C	Duration of Shut-	n_24Hours
Static / Dynamic Property	mic Size Meter Differe		Pressure Differential in Inches H <sub>2</sub> 0	Flowing Well Head Temperature t t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			paig (i iii)	IIICIBS II30			psig 85	98.60	O	o psia	24	
Flow												
						FLOW STR	EAM ATTR	RIBUTES				
Plate Coeffied (F <sub>b</sub> ) (F Moto	ient ,)		Circle one: Meter or ver Pressure psla	Press Extension	Grav Fac F	tor	Flowing femperature Factor F <sub>ft</sub>	Fa	lation ctor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G_
(P₀)² =			(P <sub>w</sub> )² =		(OPEN FL	OW) (DELIV		/) CALCUL P <sub>e</sub> - 14.4) +		•	(P <sub>a</sub> ) (P <sub>d</sub> )	² = 0.207
(P <sub>e</sub> ) <sup>2</sup> - (	•	_ · (P		Choose formula 1 or 2			Backpre	ssure Curve		.og	Antilog	Open Flow Deliverability
(P <sub>c</sub> ) <sup>2</sup> - (	P <sub>d</sub> )*			2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup> livided by: P <sub>c</sub> <sup>2</sup> -P <sub>w</sub>	and divide	P.* - P. ?		ssigned dard Slope	-	_ [ ]		Equals R x Antilog (Mcfd)
							<u> </u>					
Open Flo	w			Mcfd @ 14	.65 psia		Delivera	bility		N	lcfd @ 14.65 ps	a
		-	•		• •		•			•	t and that he ha	•
ine tacis s	siated th	1ereli	n, and that sa	id report is tru	e and correc	i. Executed	inis the	<u> </u>	day of <u>Fo</u> Marle	AKPO		RECEIVED
			Witness (i	апу)		<del></del>		1	- 1-51/h	For Co	mpany	
			For Comm	ssion						Check	ed by	FEB 2 5 201

	are under penalty of perjury under the I		•					
	atus under Rule K.A.R. 82-3-304 on beha							
	the foregoing pressure information and the best of my knowledge and belief bas	• •						
	•	•						
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 the SANDERS RANCH #1-23								
	on the grounds that said well:	permon testing for the						
,	<b>g</b>							
	(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 tim	ne; KCC approval Docket No						
	is not capable of producing at a daily rate in excess of 250 mcf/D							
l furth	ner agree to supply to the best of my abii	lity any and all supporting documen	its deemed by Commission					
	ecessary to corroborate this claim for ex	• •	,					
	•							
Date:	2/18/11							
	Signatu	ure: Markelein	RECEIVE					
		itle: PRESIDENT	FEB 2 5 2					
			• • •					

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.