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

Type Test	t:				(	See Instruct	ions on Rev	erse Side	)				
☐ Open Flow  Test Date:  ☐ 12/13/2014					ΔΡΙ	No. 15							
<b>√</b> De	eliverab	ilty			-					033-21105-0	00-00		
Company Sandridg		s lc	Prod LLC				Lease Cronin A				1	Vell Nu	mber
County Comanche			Locati C SE N		Section 31		TWP 32S		RNG (E/W) 18W			Acres A	ttributed
Field Colter					Reservoir Swope				Gas Gat OneOk	hering Conn	ection		
Completion 08/18/20		e	•		Plug Bac	k Total Dept	h		Packer S	Set at		_	
Casing S	ize	Weight Internal Diameter Set at 11.6# 5363			Perfo 512	rations 4	т <sub>о</sub> 5130	т <sub>о</sub> 5130					
Tubing S 2 3/8	ize		Weigh 5130	t	Internal [	Diameter	r Set at		Perforations 5204		то 5210		-
Type Con Single	mpletio	n (De			Type Flui Gas	d Production	1			nit or Traveling		/ No	-
	g Thru	(Anı	nulus / Tubin	9)		arbon Dioxi	de		% Nitrog	en	Gas Gra	avity - G	i <sub>g</sub>
Vertical E	Depth(H	1)				Press	sure Taps				(Meter F	Run) (Pi	over) Size
5370 Pressure	Builde	n.	Shut in12/	12 2	n 14 at 1	:40PM	(AM) (DM)	Taken 12	2/13	20	14 <sub>at</sub> 1:43PN	Л,	AM) (PM)
Well on L		•									at		
						OBSERVE	D SURFACE	DATA			Duration of Shut-	in_24	Hours
Static / Dynamic	Orif SIz	8	Circle one: Meter Prover Presse	Pressure Differential in	Flowing Temperature		Casii Weilhead F (P <sub>w</sub> ) or (P <sub>1</sub>	ressure	Wellhe	Tubing ad Pressure	Duration of Shut-in Ho  Duration Liquid Produce (Hours) (Barrets)		
Property	(inch	es)	psig (Pm)	Inches H <sub>2</sub> 0	t	1	psig	psia	(Hours)    P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )   (Hours)    psig		`		
Shut-In Flow							230		26				
						FLOW STR	EAM ATTRI	BUTES		i i		<u> </u>	
Plate	•		Circle one:	Press	Grav		Flowing		'-N	Matauri Flori			Flowing
Coeffiecient (F <sub>b</sub> ) (F <sub>a</sub> )		Meter or Prover Pressure		Extension	Fac	tor	emperature Factor	Fa	iation ctor	Metered Flow	(Cubic Fe	et/	Fluid Gravity
Mefd			psia —	✓ P <sub>m</sub> xh	F,	1	F <sub>11</sub>	F	pv	(Mcfd)	Barrel)		Giavity G <sub>m</sub>
					•	OW) (DELĮV	ERABILITY)				(P <sub>a</sub> ) <sup>3</sup>	2 = 0.2	07
(P <sub>c</sub> ) <sup>2</sup> =		<u>_:</u>	(P <sub>w</sub> ) <sup>2</sup> =	Choose formula 1 or 2	$P_d =$	<del></del> 9	% (Р,	- 14.4) +	14.4 =	<del></del> :	(P <sub>d</sub> )	=	<del></del>
(P <sub>c</sub> ) <sup>2</sup> - (	P <sub>a</sub> ) <sup>2</sup>	(F	P <sub>0</sub> )² - (P <sub>w</sub> )²	1. P <sub>c</sub> <sup>2</sup> -P <sub>a</sub> <sup>2</sup>	LOG of			sure Curve e = "n"	n x				en Flow
or (P <sub>c</sub> ) <sup>2</sup> - (	P_)2		ŀ	2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup>	formula 1. or 2. and divide			origned	-   " × '		Antilog		verability R x Antilog
, ,	ar .			divided by: $P_c^2$ - $P_w^2$	by:	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>		rd Slope		<u> </u>		'	(Mcfd)
Open Flo	w			Mcfd @ 14,	65 psia		Deliverabi	lity			Mcfd @ 14.65 psi	a	
										-	ort and that he ha		-
the facts s	stated t	herei	in, and that s	aid report is true	and correc	t. Executed Receiv	this the <u>30</u>		day of	ecember			<sub>20</sub> <u>14</u> .
			Witness (	f any)	KANSAS	CORPORATIO	ed N COMMISSI <del>OI</del>	Kai	u (	ATUM	Company		-
			For Comr	nission		IAN n2	2015 -			Che	cked by		

CONSERVATION DIVISION WICHIDA, KS

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 Sandridge Expl & Prod LLC 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 the Cronin A #1 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 mct/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: 12/30/2014  KMMSAS CORPORATION COMMISSION   Signature: LLL LLL   LL		
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 the Cronin A #1  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		
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		
I hereby request a one-year exemption from open flow testing for the Cronin A #1  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 mct/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: 12/30/2014  KANSAS CORPORATION COMMISSION  JAN 0 2 2015  Title: Local Characterists and agree Commission and all supporting to commission and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.	correct to the bes	t of my knowledge and belief based upon available production summaries and lease records
(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 mct/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.    NANSAS CORPORATION COMMISSION   Signature:   Like Like Like Like Like Like Like Like		
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: 12/30/2014  MANSAS CORPORATION COMMISSION JAN 02 2015  Title: Location image.  Title: Locati		
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: 12/30/2014  MANSAS CORPORATION COMMISSION JAN 02 2015  Title: Location image.  Title: Locati	(Check	one)
is a source of natural gas for injection into an oil reservoir undergoing ER 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:		
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: 12/30/2014  MANSAS CORPORATION COMMISSION  JAN 0 2 2015  CONSERVATION COMMISSION  Title: Coduction Congruence		•
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: 12/30/2014  KANSAS CORPORATION COMMISSION  JAN 02 2015  CONSERVATION UNITED THE COMMISSION Signature: Local Conservation Commission Conservation Commission Conservation Commission Conservation Conservation Conservation Commission Conservation Commission Conservation Conserv		is a source of natural gas for injection into an oil reservoir undergoing ER
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: 12/30/2014  KANSAS CORPORATION COMMISSION  JAN 0 2 2015  CONSERVATION PROPERTY.	Ħ	is on vacuum at the present time; KCC approval Docket No.
Staff as necessary to corroborate this claim for exemption from testing.  Date: 12/30/2014  KANSAS CORPORATION COMMISSION  JAN 02 2015  CONSERVATION FRANCE  Title: Production Congression  Title: Production Congression	7	is not capable of producing at a daily rate in excess of 250 mcf/D
Staff as necessary to corroborate this claim for exemption from testing.  Date: 12/30/2014  KANSAS CORPORATION COMMISSION  JAN 02 2015  CONSERVATION FRANCE  Title: Production Congression  Title: Production Congression	_	
Date: 12/30/2014  KANSAS CORPORATION COMMISSION  JAN 02 2015  CONSERVATION CONTROLUTE  Title: Production Engineer	l further agre	e to supply to the best of my ability any and all supporting documents deemed by Commission
Received  Signature: Lol Affine  JAN 02 2015  Title: Production in angurer	staff as necessar	y to corroborate this claim for exemption from testing.
Received  Signature: Lol Affine  JAN 02 2015  Title: Production in angurer		
	Date: 12/30/2014	<b>k</b>
	KANSAS CORP	eceived VI III
	IAAL	Signature: All All Mo
		UZ 2015 Title: Production Engineer
	CONSERVA WICH	

## 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.