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

Type Test	t:				(	See Instruci	tions on Rev	erse Side	)				
Open Flow				Toot Date				ADI	No. 45				
Deliverabilty				•	Test Date: 09/15/2015				API No. 15 15-077-21660-00-00				
Company Atlas Op		ng Ll	.C				Lease Dirks				,	Well Number 2	
County Location Harper E2-E2-NE-NE				Section 32				RNG (E.	RNG (E/W) 9W		Acres Attributed		
Field Spivey-0	3rabs	-Bas	il		•	Reservoir MISSISSIPPI			Gas Gathering Connection Pioneer				
Completion Date 11/23/2009						Plug Back Total Depth			Packer S	Set at		-	
Casing Size Weight 4 1/2 10.5				Internal I 4.052	 Diameter			Perfo	rations	To	то 4426		
Tubing S	Fubing Size Weight			Internal [	Internal Diameter		Set at		rations	To			
2 3/8	1	- /5	4.7			1.995 Type Fluid Production				Pump Unit or Traveling Plunger? Yes / No			
Type Con Casing			•		ÖIL &	WATER			Yes-P	итр		/ No	
Producing ANNUL	_	(Ani	nulus / Tubing	)	% c .1039	% Carbon Dioxide .1039			% Nitrog 7.767			Gas Gravity - G <sub>ç</sub> .6880	
Vertical E	Pepth(F	H)		_		Pres	sure Taps				(Meter I	Run) (Prover)	Size
Pressure	Buildu	ıp:	Shut in09/*	16 2	15 at 9	:35 AM	(AM) (PM)	Taken 09	)/17	20	15 <sub>at</sub> 9:35 A	M (AM) (F	<u></u>
Well on L	.ine:		Started	2	0 at	_	(AM) (PM)	Taken		20	at	(AM) (F	РМ)
					<del></del>	OBSERVE	D SURFACE	DATA	<u> </u>		Duration of Shut-	in_24	Hours
Static / Orifice Dynamic Size Property (inches)			Circle one: Meter	Pressure Differential	Flowing	Well Head Temperature	Casing Wellhead Pressure		Tubing Wellhead Pressure		Duration	Liquid Produced	
			Prover Pressu psig (Pm)	re in Inches H <sub>2</sub> 0	t	t	(P <sub>w</sub> ) or (P <sub>t</sub>	) or (P <sub>c</sub> ) psia	(P <sub>w</sub> ) o	r (P <sub>t</sub> ) or (P <sub>e</sub> ) psia	(Hours)	(Barrels)	
Shut-In			Í				175		75				
Flow					_			_					
	<del></del> 1					FLOW STR	EAM ATTRI	BUTES			<del></del>	<del></del>	
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Circle one: Meter or over Pressure psla	Press Extension	Grav Fac F <sub>s</sub>	, ,	Flowing Temperature Factor F <sub>11</sub>		iation ctor pv	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrei)	l Gra	uid wity
<u> </u>													
(P <sub>c</sub> ) <sup>2</sup> =			(P )2 =	:	(OPEN FL		ERABILITY)	CALCUL - 14.4) +				² = 0.207 ² = ′	
				Choose formula 1 or 2	2			sure Curve		<u>:</u> 	, d/		
(P <sub>c</sub> )²- (I		(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1. P <sub>c</sub> <sup>2</sup> -P <sub>e</sub> <sup>2</sup>	LOG of formula		Slop	e = "n" or	l n x	LOG	Antilog	Open Flor Deliverabil	illty
(P <sub>c</sub> ) <sup>2</sup> - (I				2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup>	1, or 2, and divide by:	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Ass	igned ard Slope				Equals R x A (Mcfd)	-
		_											
L													
Open Flo	<u>w</u>		· -	Mcfd @ 14.	65 psia		Deliverabi	lity			Mcfd @ 14.65 psi	<u>a</u>	
		-	-				-			-	rt and that he ha	•	
the facts s	tated t	nerei	n, and that sa	id report is true	e and correct KANSA	t. Exported IS CORPORATION	Vers the 31 ON COMMISSION	N N	day of		<del>-</del> ···	, <sub>20</sub> _15	<u> </u>
			Witness (if	any)		JAN 04	2016 -		<u> </u>	For C	ompany		
			For Comm	ssion	<del></del>	N <del>SERVATI</del> ON WICHITA	idivision —			Chec	ked by		

	under the laws of the state of Kansas that I am authorized to request							
exempt status under Rule K.A.R. 82-3-3	304 on behalf of the operator Atlas Operating LLC							
and that the foregoing pressure inform	nation 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 exemp	otion from open flow testing for the Dirks #2							
gas well on the grounds that said well:	X.							
(Check one)								
is a coalbed methan								
is cycled on plunge								
	ral gas for injection into an oil reservoir undergoing ER							
	present time; KCC approval Docket No							
is not capable of pr	oducing at a daily rate in excess of 250 mcf/D							
	·							
_ ,, ,	st of my ability any and all supporting documents deemed by Commission							
staff as necessary to corroborate this	claim for exemption from testing.							
Date: 12/31/2015								
	·							
	•							
	_							
	Signature:							
Received KANSAS CORPORATION COMMISSION	N Title: ENGINEER							
JAN 04 2016	)							
CONSERVATION DIVISION WICHITA, KS								
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## 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.