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

	en Flov liverabi					Test Date 08/22/2	ə·	tions on Rev	erse Side	, API	No 15 077-21704-0	20.00		
Company				•		0012212	14	Lease	<u> </u>	10-0	J11-21104-0		Well Number	—
Atlas Op County Harper	eraun	ցււ	Loca E2-NE		CIAI	Section 29		Green TWP 31S		RNG (E/	W)	5	Acres Attributed	<u></u>
Field Spivey-0	Probe	Pas		-36-		Reservoi		313		Gas Gat	nering Conn perating LL			—
Completio	on Date					Plug Bac	k Total Dept	th		Packer S				
11/01/20 Casing S			Weig			4565 Internal I	Diameter	Set a			rations	То		—
4 1/2 Tubing Si	ze		10.5 Weig			Internal [	Diameter	4578 Set a		4474 Perfor	tations	4500 To	· · · · · · · · · · · · · · · · · · ·	
2 3/8 Type Con	nlotion	, /D/	4.7			2	d Production	4498	3	Bump IIn	it or Travalina	Dunger Ves	/ No	
Casing		•				ÖIL &	WATER			NO	it or Traveling		s / No	
Producing ANNUL		(Anı	nulus / Tubir	ng)		% c .0891	Carbon Dioxi			% Nitrog		Gas 6 . <b>76</b> 0	Gas Gravity - G <sub>g</sub> .760	
Vertical D		)			-		Pres	sure Taps					Run) (Prover) Si	ze
4600 Pressure	Buildur	o	Shut in 08	/22	2	0_14_at_3	:00	(AM) (PM)	Taken_08	3/23	20	14 at 3:00	(AM) (PN	 f)
Well on L	ine:		Started		2	0 at		(AM) (PM)	Taken		20	at	(AM) (PN	1)
			- , <sub>.</sub> .				OBSERVE	D SURFACE	E DATA			Duration of Shu	t-in 24	
Static / Dynamic Property	Orific Size (inche	•	Circle one Meter Prover Pressure psig (Pm)		Pressure Differential in nches H <sub>2</sub> 0	Flowing Temperature t	Well Head	Casing Wellhead Pressur (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub>		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration Liquid Produc (Hours) (Barrels)		
Shut-In			poig (i m)		1101100 1120			100	psia	psig 45	psia		-	
Flow		-										i		
······································				,			FLOW STR	EAM ATTRI	BUTES					
Coeffied (F <sub>b</sub> ) (F	Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one Meter or Prover Pressure psia		Press Extension P <sub>m</sub> xh	tension Faci		Temperature Fa		ation Metered Flow stor R (Mcfd)		v GOF (Cubic F Barre	eet/ Fluid	.
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =	=		(OPEN FL		<b>ERABILITY)</b> % (P	CALCUL c - 14 4) +		:		$a_{i}^{2} = 0.207$ $a_{i}^{2} = 0.207$	
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F		(₽	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1 2	e formula 1 or 2 $P_c^2 - P_a^2$ $P_c^2 - P_d^2$ $1 by P_c^2 - P_w^2$	LOG of formula 1 or 2 and divide by	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Siop Ass	ssure Curve ee = "n" or signed ard Slope	nxi	og [	Antilog	Open Flow Deliverability Equals R x Anti (Mcfd)	
							· · · · · · · · · · · · · · · · · ·							_
Open Flo	N			N	/lcfd @ 14.	65 psia		Deliverabi	lity			Mcfd @ 14.65 p:	sia	
										o make the	•	rt and that he h	as knowledge of	
ine iacis \$1	ateu in	erell	n, and that s	alu re	:port is true	anu correc	L Executed	this the 2n	· <del></del>	uay of				 Ceive
<u> </u>			Witness	(if any)				_		-	For C	Company	OCT	14
			For Comi	mission				_			Chec	cked by	CONSERVA	 TION I

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Atlas Operating LLC
	the foregoing pressure information and statements contained on this application form are true and
correct to	o the best of my knowledge and belief based upon available production summaries and lease records
	ment installation and/or upon type of completion or upon use being made of the gas well herein named.
	reby request a one-year exemption from open flow testing for the Green #5
jas well	on the grounds that said well:
	(Check one)
	is a coalbed methane producer
	is cycled on plunger lift due to water
	ıs a source of natural gas for injection into an oil reservoir undergoing ER
	is on vacuum at the present time; KCC approval Docket No
	s not capable of producing at a daily rate in excess of 250 mcf/D
	ther agree to supply to the best of my ability any and all supporting documents deemed by Commission necessary to corroborate this claim for exemption from testing.
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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 registered signed and dated on the front side as though it was a verified report of annual test results.

KANSAS CORPORATION COMMISSION