KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

= :		lty		Test Date 11/11/20					No. 15	200	
Atlas Ope County Harper Field		z. LLC						15~0	77-21520-0	300	
Harper Field		J				Lease Wyant 8	& Sand	ers-Wes	st	V	Vell Number 1-4
			ation SW-SE	Section 4		TWP 31S		RNG (E/V	V)	A	cres Attributed
	Grab	s-Basil		Reservoir Mississ					ering Conne	ection ATION, LLC.	Ko
Completio 8-4-200		•		Plug Bac 4492'	k Total Dept	h		Packer S	et at		"CN
Casing Si: 4.5"	Casing Size Weight 10.5#		Internal D	Internal Diameter		Set at 4536'		ations)'	To 4448'	D. 08	
Tubing Siz 2 3/8"	ŻĐ	We 4.7	ght #	Internal D	Diameter	Set at 4475		Perfor	ations	То	JAN 08 RECEIVE
Type Com Single	npletion	(Describe)		Type Flui Oil & V	d Production Vater	1	-	Pump Un Pump	it or Traveling Unit	Plunger? Yes	/ No
Producing Annulus	-	(Annulus / Tu	ing)	% c .158	arbon Dioxi	de		% Nitroge 5.023	en	Gas Gra .7330	avity - G _g
Vertical D)			Pres:	sure Taps					Run) (Prover) Size
Pressure	Buildu	o: Shut in _	1/11	20_15_at_1			Taken_11	1/12	20	15 at 12:30 I	PM (AM) (PM)
Well on Li	ine:	Started		_ 20 at		(AM) (PM)	Taken		20	at	(AM) (PM)
					OBSERVE	D SURFACE	DATA			Duration of Shut-	in_24Hou
Static / Dynamic Property	Orific Size (inche	Prover Pri	Differenti	al Flowing Temperature	Well Head Temperature t	Casir Wellhead P (P _w) or (P _t)	ressure	Wellhea	ubing ad Pressure (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)
Shut-In						130					
Flow											
· -				- , -	FLOW STR	REAM ATTRI	BUTES	Т			
Plate Coeffiec (F _b) (F Mcfd	ient ,)	Circle ane: Meter or Prover Pressur psia	Press Extension	n Fac	tor	Flowing Temperature Factor F _{It}	Fa	riation actor = pv	Metered Flov R (Mcfd)	v GOR (Cubic Fe Barrel)	(Separative
(P _c)² =	_	_: (P _w	² =	(OPEN FL : P _d =	• •	'ERABILITY) % (P		-ATIONS - 14.4 =	:	(P _a)	² = 0.207 ² =
(P _c) ² - (F or (P _c) ² - (F		(P _c) ² - (P _w) ²	Choose formula 1 1. P _c ² -P _c 2. P _c ² -P _c divided by: P _c ² -	or 2: LOG of formula 1. or 2, and divide		Stope Ass	sure Curve e = "n" origned trd Slope	l n x i	.og []	Antilog	Open Flow Deliverability Equals R x Antilo (Mcfd)
											:.
Open Flo] w		Mcfd @	14.65 psia		Deliverabi	lity			Mcfd @ 14.65 psi	 a
The	unders	igned authorit	, on behalf of	the Company,	states that h	ne is duly au	thorized t	to make th	e above repo	ort and that he ha	s knowledge of
the facts s	stated t	herein, and tha	t said report is	true and correc	ct. Executed	I this the 29	eth	day of D	ECEMBER		, ₂₀ _15
		Witn	ss (if any)			_			For	Сотрапу	
		For	ommission	-		_			Che	cked by	<u> </u>

exempt status und and that the foreg correct to the best of equipment insta I hereby reque	er Rule K.A.R. 82-3-30 oing pressure informa of my knowledge and llation and/or upon typ	04 on behalf of the cation and statement belief based upon be of completion or	ne state of Kansas that I ar perator Atlas Operating Lists contained on this applicated available production summapon use being made of the esting for the Wyant & Sa	LC cation form are true and naries and lease records e gas well herein named. anders-West #1-4
_	is a coalbed methand is cycled on plunger is a source of natura is on vacuum at the p is not capable of pro	lift due to water I gas for injection in present time; KCC a ducing at a daily ra	te in excess of 250 mcf/D	KCC WICHITY RECEIVED ing ER its deemed by Commission
Date: 12/29/2015		Signature:	<u></u>	
		Title: _EN	GINEER	

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.