KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	ions on Rev	erse Side)				
= '	en Flo				Test Date	e:			API N	o. 15			
De	liverat	oilty			9/14/20					77-00963-0	0000		
Company Atlas Operating LLC					•	Lease EDNA MAY BRUI			MMER		1 V	Vell Numbe	r
County Location Harper C NW SE SE				Section 3				RNG (E/W	<u> </u>	Acres Attributed			
Field SPIVEY GRABS						Reservoir MISSISSIPPI			Gas Gathering Connection ONEOK		ection	To 4464 RECEIVEL	
Completion Date 11/09/1956				Plug Bac 4509	Plug Back Total Depth 4509			Packer Set at			JAN	-47/	
Casing S 5 1/2	ize	Weight 15.5		Internal Diameter 5		Set at 4534		Perforations 4440		To 4464	REC	18 20	
Tubing Size 2 3/8			Weigh 4.7	t	Internal Diameter		Set at 4470		Perforations		То	<u>~~</u> &	TVEL
Type Con		n (D	escribe)			d Production	1		Pump Unit	or Traveling JNIT	Plunger? Yes		
Producing Thru (Annulus / Tubing) ANNULUS				% c	% Carbon Dioxide			% Nitroger	1	Gas Gra	Gas Gravity - G		
Vertical D	Depth(I	H)				Press	sure Taps					Run) (Prove	r) Size
	Buildu	ıp:	Shut in 9/1	4 2	0_15_at_8	:20 AM	(AM) (PM)	Taken_9/	15	20	15 at 8:20 A	M(AM)	(PM)
Well on L											at		(PM)
						OBSERVE	D SURFACE	DATA			Duration of Shut-i	n_24	Hours
Static / Dynamic Property	Orif Siz (inct	ze	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casi Wellhead (P _w) or (P _t	ressure			Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	,						150		45				
Flow				·		ELOW STD	EAM ATTRI				·	<u> </u>	
 DI-4-			Circle one:			FLOW SIR		<u> </u>					
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Meter or over Pressure psia	Press Extension ✓ P _m xh	Gravity Factor F _g		Flowing emperature Factor F _{ft} Deviation Factor F _{pv}		ctor	Metered Flow R (Mcfd)	(Cubic Fee Barrel)	et/ G	lowing Fluid iravity G _m
					<u> </u>								
P _c) ² =		_:	(P _w) ² =	;	OPEN FLO	OW) (DELIVI %		CALCUL. - 14.4) +		:	(P _a) ² (P _d) ²	= 0.207	
(P _c) ² - (F or (P _c) ² - (F		(F	P _c) ² - (P _w) ²	1. P _c ² - P _a ² 2. P _c ² - P _d ²	LOG of formula 1, or 2, and divide	P ₂ -P ₂	Backpressure Curve Slope = "n" or Assigned		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				divided by: P _c ² - P _w ²	by:	<u>. [</u>	Standa	ird Slope					
					<u>.</u>								
Open Flow Mcfd @ 14.65 psia						Deliverability				Mcfd @ 14.65 psia			
				n behalf of the					make the	-	rt and that he has	s knowledg , 20 _	
_			Witness (i	f any)			_			For C	ompany		
	_		For Comm	ission	<u> </u>		· -			Chec	ked by		

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exempt status under Rule I and that the foregoing pre correct to the best of my kr of equipment installation a I hereby request a one gas well on the grounds th (Check one) is a coa is cycle is a sor is on va	y of perjury under the laws of the state of Kansas that I am authorized to request K.A.R. 82-3-304 on behalf of the operator Atlas Operating LLC ssure information and statements contained on this application form are true and nowledge and belief based upon available production summaries and lease records and/or upon type of completion or upon use being made of the gas well herein namedyear exemption from open flow testing for the EDNA MAY BRUMMER #1 at said well: **ALL COMPANY OF THE STATE
l further agree to supp	ly to the best of my ability any and all supporting documents deemed by Commission
staff as necessary to corre	oborate this claim for exemption from testing.
Date: 12/30/2015	·
	Signature:

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.