KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:		OIL.		(-	See Instruct	ions on Re			ENABILIT		
✓ Open	n Flow			Test Date				ADI	No 15 - 87	7-00,811-00	000
Deliv	verabilty	•		12/11/20				API	NO. 15 - V (7-00,011 V	
Company ATLAS O	PERAT	TING LLC				Lease GAUG	i			2	Weil Number
County Location HARPER NE-NE-SE			Section TWP 31				RNG (E/	W)		Acres Attributed	
Field				Reservoir MISSISSIPPI			Gas Gathering Connection ONEOK				
Completion Date 1959			Plug Back 4531	Plug Back Total Depth 4531			Packer S	Set at			
Casing Size Weight 5 1/2 14			Internal D	Internal Diameter Set at 5 4531			Perforations 4330		To 4494		
Tubing Size	ubing Size Weight 3/8 4.7		Internal D 1.99	al Diameter Set at		at	Perforations		То		
Type Comp		Describe)			d Production	1		Pump Ur PUMP		Plunger? Yes	/ No
Producing Thru (Annulus / Tubing) ANNULUS				% Carbon Dioxide			% Nitrog	en	Gas Gr .737	Gas Gravity - G _p	
Vertical De	epth(H)				Press PIPE	sure Taps				(Meter I	Run) (Prover) Size
Pressure B	Buildup:	Shut in12/1	1 2	13 at		(AM) (PM)	Taken 12	2/12	20	13 at	(AM) (PM)
Well on Lin	ne:) at		(AM) (PM)	Taken		20	at	(AM) (PM)
					OBSERVE	D SURFAC	E DATA			Duration of Shut-	in 24 Hours
Static / Dynamic Property	Orifice Size (inches) Orifice Meter Differential in psig (Pm) Inches H ₂ 0		Flowing Temperature t Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In		p-sg (v my				psig 85	psia	psig 65	psia		
Flow											
······································			 .		FLOW STR	EAM ATTR	IBUTES				
Plate Coefficient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psìa	Press Extension √ P _m xh	tension Facto		or Temperature		Deviation Metered I Factor R F _{pv} (Mcfd		GOR Flowing (Cubic Feet/ Barrel) Gravity G_m	
	.	i		(OPEN FLO	OW) (DELIV	ERABILITY) CALCUL	ATIONS		(P _a)	²= 0.207
P _c) ² =	:			P _d =	9	% (F	o _c - 14.4) +	14.4 =	: ;	(P _d)	² =
(P _c) ² - (P _e or (P _c) ² - (P _d	,)²	(P _o) ² - (P _w) ²	thoose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ tividad by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P. 5 - P. 2	Śloj	ssure Curve pe = "n" - or signed lard Slope	1 2 2	oe [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Mile											
Open Flow			Micfd @ 14.0	65 osia	••	Deliverab	nility			Mcfd @ 14.65 psi	ia
		and a subbasite san		·	**** *b ** b		-		,		
	_	ed authority, on rein, and that sai				-		day of 1	,	rt and that he ha	, 20 <u>14</u> .
		Witness (if	any)			_		10	M W	amul I	KCC WICH
						_					JAN 0.9 20
		For Commis	SION						Chec	ked by	RECEIVI

	eclare 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
	It the foregoing pressure information and statements contained on this application form are true and to the best of my knowledge and belief based upon available production summaries and lease records
	oment installation and/or upon type of completion or upon use being made of the gas well herein named.
	ereby request a one-year exemption from open flow testing for the GAUG #2
	Il on the grounds that said well:
guo Iro	, on the grounds that bald 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 mcf/D
I fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commiss
staff as	necessary to corroborate this claim for exemption from testing.
Date: _	01/06/2014
,	
	$12 \cdot 11 \cdot$
	Signature: CND WOULD

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. **KCC WICHITA**

JAN 09 2014