KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

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JAN 1 1 2013

Type Test:					(See Instruct	ions on Rev	rerse Side,)			1/0	•	
✓ Ope	en Flov	٧			Toet Date	Test Date: API No. 15						KCC WICHI		
Deliverabilty					9/28/2012 APT NO. 15 9/28/2012 15-077-24338 10									
ompany tlas Op		g LL	.c				Lease KENN I	EDY UN	IT		1	Well Nu	ımber	
County Location HARPER NW-SE-NE				Section 15		TWP RNG (E/W) 31 9W			Acres Attributed 160					
Field SPIVEY GRABS					Reservoir MISSIS		Gas Gathering Connec ONEOK				ection			
Completion Date 1957					Plug Back 4436	k Total Dept	h	Packer Set at						
Casing Size Weight				Internal D 5	Diameter	Set at 4499		Perforations 4403		To 4425				
			Weight	t	Internal E	Internal Diameter 2		Set at 4397		rations	То			
Type Completion (Describe) CASING					, ,	Type Fluid Production OIL & WATER			Pump Unit or Traveling Plunger? Yes / No PUMP UNIT					
Producing Thru (Annulus / Tubing) ANNULUS					% C	% Carbon Dioxide			% Nitrog	jen	Gas G . 726	iravity -	G ₃	
ertical D		1)				Pres: PIPE	sure Taps				(Meter	Run) (P	rover) Size	
Pressure	Buildu	p: :	Shut in	3 2	0 23 at 2	:00pm	(AM) (PM)	Taken 9/2	29	20	12 _{at} 2:00p	m	(AM) (PM)	
Vell on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)	
						OBSERVE	D SURFAC	E DATA			Duration of Shu	_{t-in} 24	Hours	
Static / Dynamic Property	Orifice Meter Size Prover Press		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	emperature Temperature		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Tubing ead Pressure or (P ₁) or (P _c) psia	Duration (Hours)	Liqu	Liquid Produced (Barrels)	
Shut-In				2			120	paia	psig 65	рае				
Flow								<u> </u>						
	r				<u> </u>	FLOW STF	REAM ATTR	IBUTES					1	
Plate Coefficeient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension P _m x h	Grav Fac F	tor	Flowing Temperature Factor F _{f1}		iation ctor :	Metered Flov R (Mcfd)	v GOF (Cubic F Barre	eet/	Flowing Fluid Gravity G _m	
]													
-			/D.\2	_	•	OW) (DELIV						$\binom{1}{d}^2 = 0.3$	207	
$(P_c)^2 = {(P_c)^2 \cdot (P_s)^2}$ or $(P_c)^2 \cdot (P_d)^2$		(P _e) ² - (P _w) ²		: Choose formula 1 or 2 1. P _c ² -P _s ² 2. P _c ² -P _s ²	1. P _c ² - P _s ² 2. P _c ² - P _d ² LOG of formula 1. or 2. and divide		Backpressure Curve Slope = 'n'		n x	roe	Antilog	O De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				divided by. $P_c^2 - P_a$	2 - by:	P ₂ -P ₂	Sign	oiope				+		
Open Flow Mcfd @ 14.65 psia							Deliverability Mcfo				Mcfd @ 14.65 p	d @ 14.65 psia		
		-	-	n behalf of the						he above repo	ort and that he		wledge of	
			Witness (if any)			•		7	For	Company			
			For Comm	nission			•			Che	cked by			

exempt status und and that the foreg correct to the best of equipment insta I hereby reque	er penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator Atlas Operating LLC going pressure information and statements contained on this application form are true and to f my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. Lest a one-year exemption from open flow testing for the KENNEDY UNIT #1 ounds that said well:
•	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 e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
Date: 1/10/2013	Signature: Att Gal Title: Regulatory Coordinator

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.

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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