Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	:				(see instruct	iions on Hei	rerse Siae	9)					
_ :	en Flow liverabil				Test Date				APL	No. 15				
Company		ıy			12/2/2	2014	Lease		15-	095-214	<u>07-0000</u>	Well Nu	mber	
Apollo		gie	es Inc.					LDRID			A- <u>1</u>			
County Location KINGMAN NWSENE			Section /6			TWP 27		W)	Acres Attributed		ttributed			
Field KINGMAN					Reservoir MISSISSIPPIAN			Gas Gathering Connection AMERICAN ENERGIES PIPELINE				LINE		
Completion Date 01/01/1984				Plug Bac 3830	Plug Back Total Depth 3830			Packer Set at				h-		
	Casing Size Weight			Internal D	Diameter	Set a 208	Set at 208		Perforations 3797			JOC N		
	Tubing Size Weight			Internal D	Diameter		Set at 3928		Perforations			KCC W		
Type Con	Type Completion (Describe) perforated				Type Flui	Type Fluid Production			Pump Un	it or Traveling Unit	Plunger? Yes	/ No	RECEIL	
Producing		(Ann	ulus / Tubing	3)	% C	arbon Dioxi	de	_	% Nitroge		Gas G	ravity - (3,	
Tubing Vertical D	epth(H))				Pres	sure Taps				(Meter	Run) (P	rover) Size	
Pressure	Buildun	ı: S	thut in 12/	2	20 14 at 9	:30	(AM) (PM)	Taken		20	at		(AM) (PM)	
	Well on Line: Started 12/3		3	20 14 at 1	0:45	(AM) (PM)	// (PM) Taken		20	at	(AM) (PM)			
							D SURFAC				Duration of Shut			
Static / Dynamic Property	Property (inches)		Circle one: Meter Prover Presso		ferential Flowing W Temperature Temperature		Well Head Wellhead Pressu (P,) or (P,) or (P,)		Tubing Wellhead Pressure (P_w) or (P_l) or (P_c)		Duration (Hours)	- Liqui	Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H ₂ 0	1		pslg	psia	psig	65		-	-	
Flow									-	60		-		
					· · · · ·	FLOW STE	REAM ATTR	IBUTES						
Plate Coefficcient (F _b) (F _p) Mofd		Circle one: Meter or Prover Pressure psia		Press Extension	Grav Fac	tor	Flowing Temperature Factor F _{tt}	Fa	viation actor F _{pv}	Metered Flov R (Mcfd)	y GOR (Cubic F Barrel	eet/	Flowing Fluid Gravity G _m	
			<u>.</u>	<u> </u>										
(P _e)² <u>⇔</u>		<	. (P _w) ² =	·:	(OPEN FL P _a =	, ,	'ERABILITY % (F	•	-ATIONS - 14.4 = <u> </u>	:		$()^2 = 0.2$ $()^2 =$.07 	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Choose formula 1 or $1. P_c^2 - P_a^2$ $2. P_c^2 - P_d^2$ divided by: $P_c^2 - P_d^2$	LOG of - formula 1. or 2. and divide	1. or 2. and divide p2_p2		Backpressure Curv Slope = "n" or Assigned Standard Slope		LOG .	^` Antilog -	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
								,					-	
			. 1			· -	-				1 .	<u> </u>	-	
Open Flo	W .			Micfd @ 1	4.65 psia		Deliverab	oility -			Mcfd @ 14.65 ps	sia		
			_	n behalf of th			-			e above repo DECEMB	ert and that he h	as knov	ledge of 20 14	
			Witness	if any)						For	Company		;- -	
	-		For Comr	nission		<u>_</u>	-			Che	cked by	 -		

			· ·		of Kansas that I am APOLLO ENERGIE	authorized to request S, INC.
						ion form are true and
correct to	the best	of my knowledg	e and belief based	d upon availabl	e production summa	ries and lease records
		•	• •	•		as well herein named.
I here	by reque	est a one-year ex	emption from ope	en flow testing f	or the WOOLDRIDG	SE A-2
gas well o	on the gr	ounds that said v	vell:			
	(Check	one)				
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•	ethane producer			
is cycled on plunger lift due to water						
	Ħ	-	_		reservoir undergoin	g ER
	百	is on vacuum a	t the present time	; KCC approval	Docket No.	
	\langle	is not capable	of producing at a	daily rate in ex	cess of 250 mcf/D	
I furth	ner agree	e to supply to the	e best of my ability	y any and all su	pporting documents	deemed by Commission
staff as no	ecessar	y to corroborate	this claim for exe	mption from te	sting.	
						9
Date: 12/	/03/2014	<u> </u>				KCC WICH
						KCC WICH DEC 0-1 2015 RECEIVED
					_	REO- 1 2015
						CEIVED
			Signature	e:e:_Production		
			Olgriature	Droduction.	Tochnicion	
			Title	e: Production	rechnician	

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.