## Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:				(	See Instruct	tions on Rev	erse Side	e)				
	en Flo				Test Date	<b>a</b> :			API	No. 15			
De	liverab	الا 4 (ئے	HrShu	+ In.Test	10/17/1					033-20610 <del>-</del>	0000		
Company America	/						Lease Smithern	man		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	#2-7	Well Nu	mber
County Location Comanche C-NW-NE			Section 7		TWP 33		RNG (E/W) 19W			Acres Attributed			
Field Bird Sou	ıth				Reservoii Mississi				Gas Gat WPS	hering Conne	ection		
Completion Date 11/07/83			Plug Bac 5340'	Plug Back Total Depth 5340'			Packer 5	Set al					
Casing Size Weight 51/2 15.5			Internal D 4.950	Diameter	Set at 5351'		Perforations 5176'		то 5340'				
Tubing Si 23/8	Tubing Size 23/8		Weight 4.70		Internal Diameter 1.995		Set at 5330'		Perforations		То	То	
Type Completion (Describe) Gas & oil				Type Fluid Production Oil & formation water				nit or Traveling ng unit	Plunger? Yes	/ No			
Producing	_	(Anı	nulus / Tubing)	 	% C	% Carbon Dioxide				en	Gas Gr	Gas Gravity - G	
Vertical D		)				Pres	sure Taps				(Meter f	Run) (Pi	over) Size
Pressure	Buildu	o:	Shut in10/1	7 2	0_14_at_3	:30PM	(AM) (PM)	Taken_10	)/18	20	14 at 3:30PM	<u>/</u> (	 АМ) (РМ)
Well on L	.ine:										at		AM) (PM)
						OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24	Hours
Static / Dynamic Property	Dynamic Size		Gircle one: Meter Prover Pressuri psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	omperature Temperature		Casing Wellhead Pressure $(P_w)$ or $(P_1)$ or $(P_c)$ psig psia		fubing ad Pressure - (P <sub>1</sub> ) or (P <sub>c</sub> )	Duration Liqu (Hours) Received KANSAS CORPORATION		d Produced Barrels)
Shut-In			, , , ,	2			95	psia	psig	psia	KANSAS CORPOR	1 5 2	
Flow							20		_		CONSERVA		
	т-		т			FLOW STR	EAM ATTRI	BUTES				HITA, KS	
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mofd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> x h	xtension Fac		or Temperature		lation leter pv	Metered Flow R (Mcfd)	(GOR (Cubic Fe Barrel)	el/ 	Flowing Fluid Gravity G <sub>m</sub>
								<u></u>					
(P <sub>c</sub> ) <sup>2</sup> =		_ ;	(P <sub>w</sub> )² =_	:	•	OW) (DELIV	<b>ERABILITY)</b> % (P,	CALCUL - 14.4) +		:		2 = 0.20 2 =	
(P <sub>c</sub> ) <sup>2</sup> - (I or (P <sub>c</sub> ) <sup>2</sup> - (I		(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	hoose formula 1 or 2, 1. $P_c^2 - P_n^2$ 2. $P_c^2 - P_d^2$ ivided by: $P_c^2 - P_n^2$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Backpres Slope Ass	sure Curve e = "n" origned rd Slope	n v	LOG	Antilog	Op Deli Equals	en Flow verability R x Antilog Mcfd)
Open Flor	w			Mcfd @ 14.	65 psia		Deliverabil	lity			Mcfd @ 14.65 psi	а	
The t	undersi	gned	d authority, on	behalf of the	Company, s	states that h	e is duly aut	thorized t	o make th	ne above repo	rt and that he ha	s know	edge of
the facts s	tated th	nerei	n, and that sai	d report is true	e and correc	t. Executed	this the 11	<del></del>	day of _D	ECEMBER	$\bigcap$		20 14 .
			Witness (if	алу)			_			MUHU Drais	ACASL Idinpany		
			For Commis	sion						Chec	ked by		

		e state of Kansas that I am authorized to request						
	der Rule K.A.R. 82-3-304 on behalf of the o							
	'	its contained on this application form are true and						
		available production summaries and lease records						
		upon use being made of the gas well herein named.						
I hereby requ	est a one-year exemption from open flow t	esting for the Smitherman #2-7						
gas well on the gr	rounds that said well:							
(Chaoli	a anal	Received KANSAS CORPORATION COMMISSION						
(Check	is a coalbed methane producer	DEC 15 2014						
	is cycled on plunger lift due to water	CONSERVATION DIVISION						
	is a source of natural gas for injection in	WICHITA, KS to an oil reservoir undergoing ER						
	is on vacuum at the present time; KCC approval Docket No							
	is not capable of producing at a daily ra	• •						
_	e to supply to the best of my ability any ar y to corroborate this claim for exemption	nd all supporting documents deemed by Commission from testing.						
Date: <u>12/11/2014</u>	4							
	Signature:	SULLUJUSEL LO OPERATIONS ASSISTANT						

## 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.