Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Tes	st:		•		(See Instruc	ctions on Rev	rerse Side	e) ·				
Open Flow				~	To at Date:				ADI No. 15			
Deliverabilty 7			7-18-1	7-18-13			API No. 15 075-20596 - 0000					
Compan	v .		······································	1 10 1	<u> </u>	Lease		• • • • • • • • • • • • • • • • • • • •	· · · · ·		Well Number	
Horsesh	noe Op	erating, Inc.		٠.٠.		Sinsbau	gh			1		
County Location Hamilton C SW			Section 17				RNG (E/W) Acres Attributed 41W			Acres Attributed		
Field Bradshaw			Reservoir Winfield			Gas Gathering Connection Oneok						
Completi 5-20-96)		Plug Bac 2700'	k Total Dep			Packer	Set at	, .		
Casing S 4.5	asing Size Weight 5 11.6		Internal Diameter 4.000		Set at 2732'		Perforations 2674'		To 2688'			
Tubing S 2-3/8	ize	Weig 4.7	ht	Internal I	Diameter	Set a 2690		Perfo	rations	То		
Type Completion (Describe) Single - Gas			Type Fluid Production Water				Pump Unit or Traveling Plunger? Yes / No Pump Unit - Rod			/ No		
Producing Thru (Annulus / Tubing) Annulus				% (% Carbon Dioxide			% Nitrogen		Gas Gr	Gas Gravity - G _g	
Vertical Depth(H)				Pressure Tâps Flange				(Meter Run) (Prover) Siz			Run) (Prover) Size	
Pressure	Buildup	: Shut in	7-17 :	0/3at_	//:/5	(AM) (PM)	Taken	7-	18 20/	3 at _//./.	5 (AM) (PM)	
Well on L	.ine:	Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
•	,				OBSERVE	ED SURFACE	DATA	,		Duration of Shut-	in 24 Hours	
Static / Dynamic Property	Orifice Size (inches) Circle one: Meter Meter Pressure Differential in point (Pm)		Flowing Well Head Temperature t t		(P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)		
Shut-In	.500	psig (Pm)	Inches H ₂ 0			psig	50 50	psig	psia	24	. ()	
Flow												
				1	FLOW STE	REAM ATTRI	BUTES			<u> </u>		
Plate Coeffieci (F _b) (F _p Mcfd	ent ,)	Circle one: Meter or Prover Pressure psia	Press Extension P _m xh	Grav Fact	or	Flowing Temperature Factor	Fa	ation ctor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G	
			,			÷						
(D.)2		(2.18		•		ERABILITY)			,		= 0.207	
(P _c) ² =		: (P _w) ² =	Choose formula 1 or 2:	P _d = _			- 14.4) +	14.4 =	<u></u> :	(P _d) ²	·=	
(P _c) ² - (P or (P _c) ² - (P	2 _d) ²	(P _c) ² - (P _w) ²	 P_c² - P_a² P_c² - P_d² divided by: P_c² - P_w² 	LOG of formula 1. or 2. and divide by:	P.2 - P.2	Slope Assi	sure Curve e = "n" or gned rd Slope	nxi	.og []	Antilog.	Open Flow Deliverability Equals R x Antilog (Mcfd)	
,					d 							
Open Flow Mcfd @ 14.65 ps			55 psia	psia Deliverability			Mcfd @ 14.65 psia					
	ated the	rein, and that sa	n behalf of the	Company, st			15	make the		t and that he had		
		ForComm					· · · · · · · · · · · · · · · · · · ·	U		· U		

			* . ·
I declare under nens	lty of perium under the law	s of the state of Kansa	s that I am authorized to request
	K.A.R. 82-3-304 on behalf o		•
	•	•	his application form are true and
			on summaries and lease records
	•		
	*		ade of the gas well herein named.
· · · · · · · · · · · · · · · · · · ·	e-year exemption from open	flow testing for the	isabaugii # i
gas well on the grounds t	nat said well:		
(Check one)			
. 4	albed methane producer		
	ed on plunger lift due to wate	ër :	
	urce of natural gas for inject	•	undergoing FR
. ===	acuum at the present time; K		5 5
=	apable of producing at a da		
. <u> </u>		•	
I further agree to supp	oly to the best of my ability a	ny and all supporting d	ocuments deemed by Commissio
	oborate this claim for exemp		•
	·		
Date: 10-15-13			
Date. 70 /3 /0			
			•
			$\mathcal{O}_{\mathcal{A}}$
	Signature: _	Janice &	ipley
		Production Assistant	
· .			4
·		·	

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.

CCT 1 3 2013 CONSERVATION DIVISION WICHITA, KS