KCC WICHITA

## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:										•			
	Open Flo Deliveral	ow Dility <b>WHSI</b> I	Þ		Test Date:	11/10/	11	٠.			API No.	15-095-0114	1-0000
Company	LINN O	PERATING	, INC					ase WSU 23	ARNOLD	MARK	<del></del>	· · · · · · · · · · · · · · · · · · ·	Well Number 2
County	IGMAN	Location	CN	E SE NW	Section	23	TΛ	VP 30:	s	RNG (E/	W) 8W		Acres Attributed 640
Field	IVEY_GE	RABS-BASII		<u> </u>	Reservo	oir ssissipp	vi Cha	ot .			athering Cor	nection EXPLORATION	LUC
Completion		TIEG BACA		Plu	g Back Total 4389		71 0110				r Set at	34 2010 (1101	
Casing Siz	е	Weight		Inte	ernal Diamete	er		et at		· · · · · · · · · · · · · · · · · · ·	Perforations		
5 1/2" Tubing Size		14# Weight		Inte	ernal Diamete	er		4389' et at		· · · · · · · · · · · · · · · · · · ·	431: Perforations		4344
2 3	/8	4.7						4303'					
Type Comp	oletion (De NGLE	escribe)		Typ	e Fluid Produ OIL	uction				Pump	Unit or Trave	eling Plunger? //P	Yes / No YES
	Thru (Anr ANNUL	nulus/Tubing) US	ı	%C	arbon Dioxid	le .			.*	% Nitr	ogen	G	as Gravitv - G.
Vertical De						Pressu	re Tar			· · · · · · · · · · · · · · · · · · ·		(Meter	Run) (Prover) Size
Pressure B	Buildup:	Shut In		11/9	20 <u>11</u> at	8:00	(Al	M) <del>(PM</del> )	Taken	11/1	0 20	11 at 8:00	(AM) <del>(PM)</del>
Well on line	e:	Started			20 at		(Al	M)(PM)	Taken		20	at	(AM)(PM)
						OBSE	RVED	SURFAC	E DATA			Duration of Shu	t-In 24.00
Static/ Dynamic Property	Orifice Size (Inches)	Circle on Meter Prover Pre-		Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well I Temper t		Wellhea	asing ad Pressure (P <sub>1</sub> ) or (P <sub>C</sub> ) psia	Wellhe	ubing ad Pressure (P <sub>1</sub> ) or (P <sub>C</sub> ) psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In 🖟								18.0	32.4	pump		24.00	
Flow												"-	•
						FLOW S	TREA	AM ATTRI	BUTES			-	
Plate Coefficier (F <sub>b</sub> )(Fp) Mcfd	nt ·	Circle one: Meter or ver Pressure psia		Press. Extension P <sub>m</sub> x H <sub>w</sub>	Gravity Factor F <sub>g</sub>		Flowing Factor F	ature or	Deviation Factor F <sub>pv</sub>		tered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G <sub>m</sub>
				_					CALCULAT	TIONS	•	(P <sub>a</sub> ) <sup>2</sup>	
(P <sub>c</sub> ) <sup>2=</sup>		(P <sub>w</sub> ) <sup>2</sup> =	<del>,</del>	: P <sub>d</sub> =	: 	_%		(P <sub>c</sub> - 14.4	) + 14.4 =	· · · · · · · · · · · · · · · · · · ·	:	(P <sub>d</sub> ) <sup>2</sup>	=
(P <sub>e</sub> ) <sup>2</sup> - (P <sub>e</sub>	s) <sup>2</sup> (	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	(1	$P_c^2 - P_a^2$ $P_c)^2 - (P_w)^2$	LOG of formula 1. or 2. and divide by	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>		Assia	= "n" 	nxLOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
		· · · · · · · · · · · · · · · · · · ·							7				· · · · · · · · · · · · · · · · · · ·
		·· · · · · · · · · · · · · · · · · · ·			<u> </u>					<u></u>			
Open Flow			IVICTO	l @ 14.65 ps	ıa		De	eliverability	•		IVICTO	@ 14.65 psia	
		nat said repo		ue and corre	mpany, states ct. Executed		is duly _	y authorize	day of	Neven		at he has knowle	
•		For	Comm	ission			-				Checked		EC 2 1 2011

correct to the of equipment	pregoing information and statements contained in this best of my knowledge and belief based upon available installation and/or upon type of completion or upon us reby request a one-year exemption from open flow	le production summaries and lease re	
	gas well on the grounds that said 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 re is on vacuum at the present time; KCC approval I		
	is not capable of producing at a daily rate in excess to supply to the best of my ability any and all supports sary to corroborate this claim for exemption from test	ss of 250 mcf/D ting documents deemed by Commiss	ion
further agree	is not capable of producing at a daily rate in excess to supply to the best of my ability any and all suppor	ss of 250 mcf/D ting documents deemed by Commiss	ion
I further agree staff as neces	is not capable of producing at a daily rate in excess to supply to the best of my ability any and all supports sary to corroborate this claim for exemption from test	ss of 250 mcf/D ting documents deemed by Commiss	ion

## 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 measued 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 from 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. it was a verified report of test results.