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

Type Test	t:					(See Instruc	tions on Re	verse Side	e)				
Op	en Flo	w			Test Date	o.			A D I	No. 15			
De	liverat	ilty			iest Date	⊌.				023-20758-0	00-00		
Company Noble E		, Inc					Lease Rueb Fa	arm			42-15	Well Number	
County Cheyenr			Location SE-NE	on	Section 15		TWP 3S		RNG (E/	W)	,	Acres Attributed	
Field		Niol	orara Gas A	rea	Reservoi Niobrar		***************************************			hering Conne reek via Arn			
Completion 10/1/200		e			Plug Bad 1644'	k Total Dep	th		Packer S n/a	Set at			
Casing Size 7", 4-1/2"			Weigh 17#, 9		Internal Diameter 9-1/4", 6-1/4"		Set at 308', 1690'		Perforations 1500'		то 1566'		
Tubing Size n/a			Weigh	<u> </u>	Internal Diameter		Set at		Perforations		То		
Type Con Single (			escribe)		Type Flui Saltwa	id Productio	n		Pump Ur No	nit or Traveling	Plunger? Yes	/ No	
Producing	Thru	(Anı	nulus / Tubing	)	% (	Carbon Diox	ide		% Nitrog	en	Gas Gra	ivity - G <sub>g</sub>	
Annulus	3											-	
Vertical D	epth(F	1)				Pres	ssure Taps				(Meter F	Run) (Prover) Size	
Pressure	Buildu	p:	Shut in	1/ 2	0 09 at 1		(AM) PM	Taken		20	at	(AM) (PM)	
Well on L	ine:		Started 2/12	2/2	0 <u>09</u> at <u>3</u>	:40	(AM) (PM)	Taken		20	at	(AM) (PM)	
***************************************						OBSERVE	D SURFACE	E DATA			Duration of Shut-i	n_26 Hours	
Static / Dynamic	Orifi Siz		Circle one: Meter Prover Pressu	Pressure Differential re in	Flowing Temperature	Lemperature I		Liquid Produced (Barrels)					
Property	(inch	es)	psig (Pm)	Inches H <sub>2</sub> 0	t	t	(P <sub>w</sub> ) or (P	psia	psig	(P <sub>1</sub> ) or (P <sub>c</sub> )	(Hours)	(Barreis)	
Shut-In							110						
Flow													
				·		FLOW STF	REAM ATTR	BUTES			•		
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Circle one: Meter or ver Pressure psia	Press Extension ✓ P <sub>m</sub> x h	Grav Fac F	tor	Temperature F		viation Metered Flow actor R F <sub>pv</sub> (Mcfd)		GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G <sub>m</sub>	
					(OPEN FL	OW) (DELIV	'ERABILITY)	CALCUL	ATIONS		(D )2	= 0.207	
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =_	:	P <sub>d</sub> =		% (P	c - 14.4) +	14.4 =	:	(P <sub>d</sub> ) <sup>2</sup>		
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F		(P	(c)2-(P <sub>w</sub> )2	2. $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Slop	ssure Curve e = "n" or	nxl	.og	Antilog	Open Flow Deliverability Equals R x Antilog	
*	•		, a	livided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>			Standa	ard Slope				(Mcfd)	
Open Flov	<u> </u>			Mcfd @ 14.	65 psia			ility		I	// // // // // // // // // // // // //	J	
The u	ındersi	gned	authority, on	behalf of the	Company, s	states that h	e is duly au	thorized to	make th	e above repor	t and that he has	knowledge of	
the facts st	tated th	nerei	n, and that sa	id report is true	and correc	t. Executed	this the 6t	<u>h</u> ,	gay of O	ctober		, 20	
					F	RECEIV	ED _	4	llin	Lo	lash		
			Witness (if	any)	<b>n</b>	CT 4 2	2000			For Co	ompany		
			For Commi	ssion	U	CT 13	7002 –		<del></del>	Checl	ked by		

KCC WICHITA

of equipment inst I hereby requ	t of 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. est a one-year exemption from open flow testing for the Rueb Farm 42-15 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: <u>10/6/09</u>	

## 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.