## 15-175-21886-0000

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

SIP TEST

Type Tes	pe Test: (See Instructions on Reverse Side)						9)							
O	en Fl	ow			·									
Deliverability				10 20 4	Test Date: 10-28-11			API No. 15 175-2 <del>4072</del>						
Company	 V					·' • · - ·	Locati			~4 <del>001%</del> ~21 <b>%8</b> 0 ~	0000			
NOBLE ENERGY										2-16		ımber		
County Location SEWARD C SE NE			Section 16		TWP 34S		31W			Acres Attributed				
Fleid ARKALON					Reservoir MORROW/CHESTER			Gas Gathering Connection DUKE ENERGY FIELD SERVICES						
Completi 11/17/02					Plug Bac	k Total Dep	th		Packer 8	Set at				
	ing Size Weight			ht	Internal Diameter 4.950		5086		Perforations 5650		т <sub>о</sub> 5734			
Tubing S 2.375	oing Size W		Weig ⊿7	ht	Internal Diameter				Perforations		·			
Type Cor			escribe)	· · · · · · · · · · · · · · · · ·	Type Flui	d Production	n		Pump Ui	nit or Traveling	Plunger? Yes	/ No		
Producing			nulus / Tubir			arbon Dloxi	de		% Nitrog	en .	Gas G	iravity -	G,	
Vertical D	- · • ·	H)				Pres	sure Taps				(Meter	Run) (P	rover) Size	
	Buildi	up:	Shut in 10	-27-11 2	0 at_0	945	(AM) (PM)	Taken_1(	0-28-11	20	at0945	41		
Well on L											at			
						OBSERVE	D SURFAC	E DATA			Duration of Shu	. 24	.0 Hours	
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Press psig (Pm)		Flowing Well Head Temperature		(P, ) or (P, ) or (P,		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>i</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liqui	Liquid Produced (Barrels)	
Shut-In	ut-In						psig 149.6	psia 164.0	psig	psia	24.0			
Flow						<u> </u>				<u> </u>		<u> </u>		
		r	-	<del></del>	,	FLOW STR	EAM ATTE	BUTES						
Plate Coefficient (F <sub>b</sub> ) (F <sub>n</sub> ) Mcfd		Pro	Circle one: Meter or ver Pressure psla	Press Extension Pmxh	Extension Fact		or Temperature		Deviation Factor F <sub>BV</sub>		(Cubic F	GOR (Cubic Feet/ Barrel)		
			<del></del>				<del></del>							
P <sub>c</sub> )² =		_:	(P <sub>w</sub> )² :	=:	(OPEN FLO	OW) (DELIV		) CALCUL = - 14.4) +		:		) <sup>2</sup> = 0.2	07 .	
$(P_a)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>a</sub> )*- (P <sub>a</sub> )*		1. P. 2. P. 2. P. 2. d. d. d. de de by: P. 2. P. 2. d. d. d. de de by: P. 2. P. 2. d.	LOG of formula 1, or 2, and divide	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Backpressure Curve Slope = "n"		n x 106		Antilog	Op Del Equals	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flor		<u> </u>		Mod & 44	SE polo									
			<del></del>	Mcfd @ 14.	<u>'</u>		Deliverat	<del></del>	<del></del>		Mcfd @ 14.65 ps			
				on behalf of the aid report is true						e above repo	rt and that he h			
			C WICHI			<u>-</u>	one die			WIRELIN	F AND TES	TING	20	
СОРЧ	то	KC	Witness C DODGE	CITY			•				Сотралу	R	CEIVE	
			For Com	nission			_				cked by	IΔ	N 1 1 2	

exempt status un and that the fore correct to the bes of equipment inst	der Penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator NOBLE ENERGY  going pressure information and statements contained on this application form are true and at 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.
	lest a one-year exemption from open flow testing for the GOOD 2-16 rounds that said well:
(Check	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 se to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessa Date:/2-	ry to corroborate this claim for exemption from testing.
	Signature: Samush Remnand

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.