KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				((See Instru	ctions on Re	everse Side	e)				
Op	en Flo	w			Test Date	٥٠			۸۵	I No. 15			
De	liverab	ilty			iesi Daii	⊌.				1 NO. 15 3-20795-00-(00		
Company						Lease Schlepp				Well 14-29			-
County Location					Section		TWP			RNG (E/W)		Acres Attributed	
Cheyenne SW-SW					29		38					DECEME	
						Reservoir Niobrara				thering Conn Creek via Arr	nel DP K	RECEIVED KANSAS CORPORATION COMMISSION	
Completion Date 10/10/2007					Plug Bac 1605'	Plug Back Total Depth 1605'			Packer Set at N/A			DEC 0 4 2009	
Casing Size Weight 7", 4-1/2" 17#, 9.5#				Internal I 9-1/4",			Set at 321', 1652'		Perforations 1460'		То		
Tubing Size Weight				Internal I	***************************************		Set at		Perforations		1500' CONSERVATION DIVISION WICHITA, KS		
N/A Type Con	npletio	n (De	escribe)		Type Flui	id Production	on		Pump U	nit or Traveling	Plunger? Yes	/ No	-
Single (Gas)				Saltwa	Saltwater				Yes				
Producing Annulus	•	(Anr	nulus / Tubing))	% (% Carbon Dioxide				gen	Gas G	s Gravity - G _g	
Vertical D		ł)				Pre	ssure Taps				(Meter	Run) (Prover) Size	•
			3/12	2/	. 09 . 9	:00	<u> </u>					(***)	-
Pressure Buildup: Shut in 3/12/ 20 09 at 9:00 (AM) (PM) Taken 20 at													
Well on L	ine:		Started	21	0 at		_ (AM) (PM)) laken		20	at	(AM) (PM)	_
						OBSERV	ED SURFAC		1		Duration of Shut	in 29 Hours	s T
Static / Dynamic Property	namic Size		Circle one: Meter Prover Pressure	1	Flowing Temperature t	Well Head Temperature t	Wellhead	Casing Wellhead Pressure (P_w) or (P_1) or (P_c)		Tubing ead Pressure r (P,) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	Shut-In		psig (Pm)	Inches H ₂ 0			psig 175	psia	psig psia				-
Flow													1
				<u> </u>		FLOW ST	LEAM ATTR	RIBUTES				1	7
Plate			Circle one:	Press	0	.:	Flowing	7			000	Flowing]
Coefficient (F _b) (F _p)		Meter or Prover Pressure		Extension	Grav Fac	tor	Temperature Factor	emperature Fa		Metered Flov	(Cubic Fe	et/ Fluid	
Mcfd		psia		✓ P _m x h.	F,		F _{ft}		pv	(Mcfd)	Barrel)	G _m	4
]
(P _c) ² =			(P _w) ² =	:	(OPEN FL	• •	VERABILITY % (1	') CALCUL P _c - 14.4) +		:		² = 0.207 ² =	
(0.)3 (1			C	hoose formula 1 or 2:			Backpre	ssure Curve	······		, d	Open Flow]
or		(P	_c) ² - (P _w) ²	 P_c² - P_a² P_c² - P_d² 	LOG of formula 1, or 2.	-		Slope = "n"		rog	Antilog	Deliverability Equals R x Antilog	
(P _c)²- (F	P _d) ²		di	ivided by: $P_c^2 - P_w^2$	and divide	P _c ² - P _w ²		ssigned lard Slope				(Mcfd)	
	. <u></u>												
Open Flow Mcfd @ 14.65 psia							Deliverability Mcfd @ 14.65 psia						-
		•	•		, ,					7 7	rt and that he ha	J	
the facts st	tated th	nereii	n, and that said	d report is true	and correc	t. Executed	d this the 1	st /	gay of $\int_{-\infty}^{D}$	ecember	/	, 20 <u>09</u>	
			Witness (if a	anv)			•	+	Vis	1/2	Company		-
							-						_
			For Commis	อเบด						Chec	ked by		

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request											
exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy, Inc.											
and that the foregoing pressure information and statements contained on this application form are true and											
correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.											
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 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											
I forther a consideration that the description of the second all t											
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission											
staff as necessary to corroborate this claim for exemption from testing.											
n											
Date: 12/1/2009											
Signature: Will Delepe											
Title: Regulatory Specialist											

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.