KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	it:				('See Instruci	tions on Re	verse Side	ə)				
□ or	oen Flo	w											
□ De	eliverat	oilty			Test Date	∌:				No. 15 -023-20887- (10-00		
Compan					·····		Lease			020-20001-0		Vell Nun	abor .
Noble E		Inc					Lampe				13-28	1611 (4UII	1001
County Location			on					RNG (E	:/W)	Ä	Acres Attributed		
Cheyen	ne		NW-SV	<u> </u>	28	28 3S			41W				
Field	Crack				Reservoi					thering Conn			
Completi					Niobrara	-			Southern Star/Kinde		er Morgan		
6/4/2008		ı			1594'	k Total Dept	(F)		Packer	Set at			
Casing S	ize		Weight	<u> </u>	Internal I	Diameter	Set a	at	Perfe	orations	То		
7", 4-1/2"			17#, 1		9-7/8", 6-1/4"		294', 1623'		1440'		1478'		
Tubing Size			Weigh	1	Internal Diameter		Set at		Perforations		То		
2-3/8"			4.7#	· · · · · · · · · · · · · · · · · · ·	1.995		149	0					
Type Cor Single		n (D	escribe)		Type Flui Saltwa	d Production	า		Pump U Yes	nit or Traveling	Plunger? Yes	/ No	
		(An	nulus / Tubing	<u> </u>		arbon Dioxi	do		% Nitro		Gas Gra		
Tubing	-	(A)	ilulus / Iubing	,	/6 C	AIDON DIOXI	u a		76 IVIIIO	gen	Gas Gia	ivily - G)
Vertical D		H)				Pres	sure Taps	• • • • • • • • • • • • • • • • • • • •			(Meter B	lun) (Pro	over) Size
							· - -				(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, (, 4.20
			Shut in 4/2		0 11 at 1	1:30	<u> </u>						
Pressure	Buildi	ıp:	Shut in	2			\smile				at	•	
Well on L	ine:		Started 4/3	2	o <u>11</u> at <u>2</u>	.00	(AM) PM	Taken		20	at	(A	M) (PM)
										••		26.5	<u> </u>
			n .	<u> </u>		OBSERVE	D SURFAC		,		Duration of Shut-i	26.5	Hours
Static / Orif Dynamic Siz Property (inch		ize Prover Pressure		Pressure Differential	Flowing	Well Head	Cas Wellhead	•	Tubing Wellhead Pressure		Duration	Liquid Produced	
				r e in	Temperature t	Temperature t	(P _w) or (P ₁) or (P ₀)		(P _w) or (P ₁) or (P _c)		(Hours)	(Barrels)	
	<u> </u>		psig (Pm)	Inches H ₂ 0		ļ	psig	psia	psig	psia			
Shut-In							155						
Flow)						
				L		EI OW STD	EAM ATTR	IBIITEE	l			<u> </u>	
Dist			Circle one:		1	FLOW SIN		180153		· <u> </u>		1	
Plate Coeffiecient (F _b)(F _p) Mcfd			Meter or	Press Extension	Grav Fac	or T	Flowing emperature		iation	Metered Flow	v GOR (Cubic Fee Barrel)	Fluid Gravity	Flowing Fluid
		Pro	ver Pressure		F _s		Factor		ctor	(Mcfd)			
Mcto)		psia		<u> </u>	·	F,,						G <u>.</u>
					(OPEN FL	OW) (DELIV	ERABILITY) CALCUL	ATIONS	-	/D 12	2.00	-
(P _c)² =		_ ;	(P _w) ² =_	:	P _d =			P _a - 14.4) +		:	(P _a)² (P _a)²	= 0.20	′
				Choose formula 1 or 2				ssure Curve			, , , , , , , , , , , , , , , , , , ,		
(P _e) ² - (I	P.)2	(F)²- (P _w)²	1. P. ² · P. ²	LOG of formula		Sio)e = "N"	- 1	LOG	A-4il	•	n Flow erability
(P _e) ² - (P_)2			2. P.2. P.2	1. or 2. and divide	P _c ² - P _w ²	As	- or signed	.		Antilog		R x Antilog
				Wided by: Pg2 - Pg2	by:	<u> </u>	Stand	ard Slope	_ _			(N	Acta)
											1		
				<u> </u>									
							<u> </u>						
Open Flo	w			Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.65 psis	1	
The	unders	ignec	authority, on	behalf of the	Company, s	tates that he	e is duly au	thorized t	o make ti	ne above repo	rt and that he has	knowle	dge of
the facts s	tated t	herei	n, and that sai	id report is true	and correc	t. Executed	this the 14	4	day of _C	ecember	_	20	11
								0//	, v. <u> </u>	011		20	•
							(Ke	yl	1/DK	ubon	REC	SIVED
			Witness (if	any)					//	// For C	отралу		-1 A ETL
			For Commis	ssion			_			Chec	ked by	DEC 2	8 201

KCC WICHITA

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	er 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 Inc
and that the foregone correct to the best of equipment install hereby requires	going pressure information and statements contained on this application form are true and tof 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 Lampe 13-28
(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
_	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: 12/14/2011	
	Signature:

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.

DEC 2 8 2011

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