KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			(See Instructi	ons on Rev	verse Side,)					
Op	en Flow			Test Date	··			API N	lo 15				
De	liverabilt	У		lest Date	··				23-20762-0	0-00			
Company Noble Ei		nc				Lease Rueb Fa	arm			12-16	Well Nu	mber	
County Cheyenr	ne	Location SWNW		Section 16			TWP 3S		/)	Acres Attributed			
Field Cherry C	Creek				Reservoir Niobrara			Gas Gathering Connec Kinder Morgan		ection			
Completio 7/26/200				Plug Bac 1683'	Plug Back Total Depth 1683'		1		t at				
Casing S 7", 4-1/2		Weig 17#,	9.5#		Internal Diameter 9-7/8", 6-1/4"		Set at 301', 17154'		itions	то 1574'			
Tubing Si 2-3/8"	ize	Weight 4.7#		Internal Diameter 1.995		Set at		Perforations		То			
Type Con Single ((Describe)		Type Flui Saltwa	d Production				or Traveling	Plunger? (6)	/ No		
		Annulus / Tubi	nnulus / Tubing)		% Carbon Dioxid		e		n	Gas Gravity - G _g		3,	
Vertical D	Depth(H)				Pressure Taps			•••		(Meter F	Run) (Pi	rover) Size	
Pressure	Buildup	Shut in	Shut in 2		13 at 4:30		(AM)(PM) Taken		20		((AM) (PM)	
Well on Line:		Started 11	/15	52013_ at _4		.45		20 _		at	at (AM) (PM		
					OBSERVE	SURFACE	E DATA			Duration of Shut-	in_24.	5 Hours	
Static / Orifice Dynamic Size		l Meter	Differential	rential Flowing	Well Head Temperature	Casing Wellhead Pressure (P_w) or (P_l) or (P_c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)	
Property	(inche:	psig (Pm	1	t	t	psig	psia	psig	psia	(1,0013)	(- 2		
Shut-In Flow					<u> </u>	79					\vdash		
	1				FLOW STR	EAM ATTR	IRIITES						
Plate	<u>. </u>	Circle one:	Press			Flowing						Flowing	
Coeffiecient		Meter or Prover Pressure psia	Extension P _m x h	Grav Fac	tor T	Temperature Fa		viation Metered Flow R Fpv (Mcfd)		(Cubic Fe Barrel)		Fluid Gravity G _m	
						·							
- · · · · · · · ·		. (0.17		•	OW) (DELIVI		•				² = 0.2	:07	
P _c) ² =	T		Choose formula 1 or	P _d =	^ <u></u>	1	c - 14.4) + ssure Curve	14.4 =	: :	(P _d)			
$(P_c)^2 - (P_g)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ² 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w		LOG of formula 1. or 2. and divide by:		Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Del Equals	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo			Mcfd @ 14	.65 psia		Deliverab	ilitv			Mcfd @ 14.65 psi	l ía		
		ned authority,		·	states that he			make the		rt and that he ha		redge of	
ne facts s	tated the	erein, and that	said report is tru	e and correc	t. Executed	this the 26	5	day of De	cember			20 13	
		Witness	s (if any)			-			For C	ompany	KCC	: WICH	
			nmission			_				ked by	- DFC	WICH 3 1 201	
			*						01100	,			
											K	ECEIVE	

I ded	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt s	status under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc
ind that	the foregoing pressure information and statements contained on this application form are true and
correct to	o the best of my knowledge and belief based upon available production summaries and lease records
of equipr	ment installation and/or upon type of completion or upon use being made of the gas well herein named.
l her	eby request a one-year exemption from open flow testing for the Rueb Farm 12-16
jas 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
l furi	ther agree to supply to the best of my ability any and all supporting documents deemed by Commissic
staff as i	necessary to corroborate this claim for exemption from testing.
Date: 12	2/26/2013
,u.o	
	\mathcal{L}^{r}
	Signature:
	Title: Regulatory Analyst

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.

KCC WICHITA

DEC 3 1 2013

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