KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:					(See Inst	truction	ns on Re	verse Side	∍)					
Op	en Flo	w			Total Date					• • •					
De	liverab	ilty			Test Date	9:					No. 15 3 -20803-00- 0	00			
Company Noble E		. Inc			Lease Raile						42-6	Well Number			
County	37	,	Location	on	Section			TWP		RNG (E	W)		Acres	Attributed	
Cheyenr	ne		SE-NE		6			4 S		41W `	,				
Field Cherry C	Creek	Niot	orara Gas A	rea	Reservoi Niobrar						hering Conn Morgan via	ection Cherry Creek C	ompre	essor	
Completic 10/2/200		e			Plug Bac 1547'	k Total D	Depth			Packer S N/A	Set at				
Casing S 7", 4-1/2			Weight 17 #, 9		Internal I 9-7/8",			Set : 240	at ', 1594'	Perfo 143	rations 4'	то 1472'			
Tubing Si 2-3/8"	ize		Weight 4.7#		Internal I 1.995"	Diameter		Set :		Perfo	rations	То			
Type Con Single (escribe)		Type Flui Saltwa		ction			Pump Ur Yes	nit or Traveling	Plunger? Yes	/ No		
Producing	Thru	(Anr	ulus / Tubing)	% (Carbon Di	ioxide			% Nitrog	en	Gas Gr	avity -	G _g	
Tubing			No. of the last of			·····									
Vertical D	epth(H	1)				Pi	ressur	e Taps				(Meter F	Run) (F	Prover) Size	
Pressure	Buildu	p: :	Shut in2/24	l/ 2	09 at 8	:50	(A	M) (PM)	Taken		20	at		(AM) (PM)	
Well on L	ine:	;	Started 2/25	2	0 <u>09</u> at <u>1</u>	:50	(A	M)(PM)	Taken	·······	20	at		(AM) (PM)	
						OBSER	RVEDS	SURFAC	E DATA			Duration of Shut-	29	Hours	
Static /	Orifi	се	Circle one: Meter	Pressure Differential	Flowing	Well Hea	ad	Cas Wellhead	•	1	ubing ad Pressure	Duration	Liqui	id Produced	
Dynamic Property	Size (inche		Prover Pressui	e in	Temperature t	Temperati t	nire i	(P _w) or (P		1	(P ₁) or (P _c)	(Hours)		Barrels)	
			psig (Pm)	Inches H ₂ ()		·		psig	psia	psig	psia	· · · · · · · · · · · · · · · · · · ·	ļ		
Shut-In			· · · · · · · · · · · · · · · · · · ·				2	20							
Flow															
						FLOW S	STREA	M ATTR	IBUTES			_		·	
Plate			Circle one:	Press	Grav	/itv	FI	owing	Devi	iation	Metered Flow	GOR		Flowing	
Coeffiecient		Meter or Prover Pressure		Extension	Fac	· .		perature actor	Fa	ctor	R	(Cubic Fee	Fluid Gravity	1 1	
(F _b) (F _p) Mcfd			psia	✓ P _m xh	F ₀		F,,			F _{pv} (Mcfd)		Barrel)		G _m	
							J+								
					(OPEN FL	OW) (DEI	LIVER	ABILITY	CALCUL	ATIONS				L	
(P _c) ² =		:	(P _w) ² =_	:	(OPEN FLOW) (DELIVERABILITY) CALC $P_d = \underline{\qquad} \qquad (P_c - 14.4)$, - 14.4) +		:		$(P_a)^2 = 0.207$ $(P_d)^2 = \underline{\hspace{1cm}}$		
	I		, c	hoose formula 1 or 2:			- T		ssure Curve			\ a/		51	
(P _c) ² - (P _a) ² or		(P _c) ² - (P _w) ²		1. P _c ² -P _a ²	LOG of formula			Slope = "n"		nxl	og	Antilog	Open Flow Deliverability		
(P _c)²- (F	P _d) ²		1.	2. P _c ² -P _d ²	1. or 2. and divide by:	P _c ² -P _w ²	2	Ass	signed ard Stope			5		R x Antilog (Mcfd)	
				vided by: P _c ² - P _w ²		<u> </u>			и о оюре			-			
	+														
										<u> </u>					
Open Flov	v			Mcfd @ 14.	65 psia			Deliverab	ility		······································	Vlcfd @ 14.65 psia	3		
The u	ındersi	gned	authority, on	behalf of the	Company, s	tates tha	ıt he is	duly au	thorized to	make th	above repoi	t and that he has	s know	ledge of	
he facts st	ated th	nereir	n, and that sai	d report is true	and correct	i. Execut	ted this	s the _30	Oth	day of	etober)	1	,	20 09 .	
						RECEI			(4!	W. 11.	٠ ١٠٨١			
 			Witness (if	any)		OV 0	_	_	(<u>nu</u>	For C	ompany			
		•	For Commis	sion	11	U 7 U	<i>J L</i> U	, ,,,,			Chec	red by			

KCC WICHITA

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request tatus under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy, Inc.
•	
	the foregoing pressure information and statements contained on this application form are true and the best of my knowledge and belief based upon available production summaries and lease records
	nent installation and/or upon type of completion or upon use being made of the gas well herein named.
	eby request a one-year exemption from open flow testing for the Raile 42-6
	on the grounds that said well:
gas wen	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
	her agree to supply to the best of my ability any and all supporting documents deemed by Commissio
staff as r	necessary to corroborate this claim for exemption from testing.
Date: _10	0/30/2009
	Signature: + WWK JOSOK
	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.