KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

We	i Nui	Form G-2 (Rev. 7/03)	- 7
-34 Acı	es A	ttributed RECE	11/~
		DEC 05	20
	KC	C WC	
00'			HI]
Yes /	No		
s Gravit	ly - G	i _o	
ter Rur	n) (Pr	over) Size	
		AM) (PM)	•
	(AM) (PM)	
Shut-in_	26.	5 Hours	
	•	l Produced Barrels)	
			:
iOR ic Feet/ arrel)		Flowing Fluid Gravity G _m	
$(P_a)^2 = (P_d)^2 =$	0.20	07 	•
E	Deli quals	en Flow verability R x Antilog Mcfd)	
\top			
5 psia			

Type Test	t:				(See Instruct	tions on Re	verse Side	9)			7	2/2
	en Flo liverab				Test Date	9 :				No. 15 023-20869-0	0-00	•	
Company Noble E		Inc					Lease Zweyga	rdt			13-34	Vell Nun	nber
County Cheyenr	ne		Locat NW-M	ion V Sw	Section 34		TWP 3S		RNG (E/ 41W	W)	,		ttributed RECE/
Field Cherry (Creek			/	Reservoir Niobrara					hering Conne rn Star/Kinde			DEC DE
Completion 2/6/2008		e			Plug Bac 1489'	k Total Dept	th		Packer S	et at		KO	DEC 05 C WICI
Casing S 7", 4-1/2	ize	•	Weigh 17#,1		Internal (9-7/8",		Set a 214	nt ', 1530'	Perfo 136	rations 1'	To 1400'	-116	C WICI
Tubing S 2-3/8"			Weigh 4.7#		Internal 0 1.995		Set a 142	ıt		rations	То		
Type Con		n (D			Type Flui	d Production				nit or Traveling	Plunger? Yes	/ No	
Single (·- · ·	(Anı	nulus / Tubin	a)	Saltwa % C	iter Carbon Dioxi	de		Yes % Nitrog	en	Gas Gra	vitv - G	<u></u>
Tubing	•											· · · · · · · · · · · · · · · · · · ·	·
Vertical E	epth(F	1)				Pres	sure Taps				(Meter F	lun) (Pro	over) Size
Pressure	Buildu	p:	Shut in 1/1	9 2	0_12_at_1	0:30	(AM) (PM)	Taken		20	at	(/	 AM) (PM)
Well on L	.ine:		Started 1/2	0 20	12 at 1	:00	(AM) (PM)				at		
				··········		OBSERVE	D SURFAC	E DATA			Duration of Shut-i	n_26.5	5 Hours
Static / Dynamic Property	Orifi Siz (inch	e e	Circle one: Meter Prover Pressi		Flowing Temperature t	Well Head Temperature t	Cas Wellhead (P _w) or (F	Pressure	Wellhe	ubing ad Pressure (P,) or (P _c)	Duration (Hours)	1 '	Produced larrels)
Shut-In			psig (Pm)	Inches H _z 0	I		psig 161	psia	psig	psia			
Flow													
				1		FLOW STR	EAM ATTR	IBUTES	······································		····		
Plate Coeffied (F _b) (F Mcfd	ient)	Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P _m xh	Grav Fac F	tor	Flowing Temperature Factor F ₁₁	Fa	riation actor	Metered Flow R (Mcfd)	GOR (Cubic Fee Barrel)	eV .	Flowing Fluid Gravity G _m
				<u> </u>	(OPEN EL	OW) (DELIV	FRARII ITV) CALCUI	ATIONS		<u>. J., </u>		
(P _c) ² =		_:	(P _w) ² =	:;	P _d ≈			ر - 14.4) +		 :	(P』)² (P』)²	= 0.20 =	i7
(P _c) ² - (I or (P _c) ² - (I	P _a) ²	(F	P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide	P.2. P.2	Slop As	ssure Curve ne = "n" - or signed ard Slope	1	.og []	Antilog	Deliv Equals	en Flow verability R x Antilog Mcfd)
									<u> </u>				
Open Flo	101			Mcfd @ 14.	S5 neia		Deliverab	ility			Mafd @ 14 SS pai		
-		ianea	l authority o			tates that h	*		o make th		Mcfd @ 14.65 psi		odan of
				aid report is true							it and that he ha		0 <u>12</u> .
			Witness (f any)		7				For C	ompany		
	.		For Comm	nission			-			Chec	ked by		

exempt status	under penalty of perjury under the laws of the state of Kansas that I am authorized to request under Rule K.A.R. 82-3-304 on behalf of the operator Noble Energy Inc
correct to the to of equipment in I hereby re	pregoing pressure information and statements contained on this application form are true and poest of my knowledge and belief based upon available production summaries and lease records installation and/or upon type of completion or upon use being made of the gas well herein named. Equest a one-year exemption from open flow testing for the Zweygardt 13-34 E grounds that said well:
[[[I further a	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 gree to supply to the best of my ability any and all supporting documents deemed by Commission sary to corroborate this claim for exemption from testing.
Date: 11/30/1	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.