7.1

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(See Instruc	tions on Re	verse Side))				
= .	en Flo				Test Date	∍:			AP	l No. 15			
De	livera	bilty						;		-023-20948-0	00-00		
Company Noble E		/ Inc					Lease Zweyga	rdt			32-32E	Well Nu 3	mber
County Cheyeni	ne		Loca SW-N		Section 32		TWP 3S	!	RNG (E 41W	E/W)		Acres A	Attributed
Field Cherry (Creek			2	Reservoi Niobrar					thering Conne ern Star/Kind		. •	.,
Completion 3/27/200		te		***	Plug Bac 1548'	k Total Dep	th		Packer	Set at			
Casing S 7", 4-1/2			Weig 17 #,	ht 10.5#	Internal I 9-7/8",		Set a 269'	it , 1590'	Perfo	orations 37	To 1444'	•	
Tubing Si 2-3/8"	ize		Weig 4.7#		Internal (Set a	ıt ·		orations	То		
Type Con Single (•	•				d Productio		<u> </u>	Pump U Yes	nit or Traveling	Plunger? Yes	/ No	
Producing			nulus / Tubir	ng)		Carbon Diox	ide		% Nitro	gen	Gas Gra	avity - C	a _g .
Tubing Vertical D	enth(-17				Proc	sure Taps				/Motor E	Pun) /Pu	rover) Size
vertical E	vepui(i	'/				ries	sule laps	,			(ivietei r	iuri) (Fi	over) Size
Pressure	Buildu		Shut in 5/9) 2	20_11 at_1	2:00	(AM) (PM)	Taken		20	at	(AM) (PM)
Well on L	ine:		Started 5/1	02	0 11 at 1	2:00	(AM) PM				at		
						OBSERVE	D SURFACI	DATA			Duration of Shut-i	_{in} _24	Hours
Static / Dynamic Property	Orif Siz (inch	:e	Circle one: Meter Prover Press psig (Pm)	1	Flowing Temperature t	Well Head Temperature t	(P _w) or (P	Pressure ,) or (P _c)	Wellhe	Tubing ead Pressure or (P _t) or (P _c)	Duration (Hours)	1 .	d Produced Barrels)
Shut-In							psig 85	, psia	psig	psia	•		
Flow													
				T .		FLOW STR	REAM ATTR	BUTES		<u>, </u>			
Plate Coeffieci (F _b) (F Mcfd	ient پ)	Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P _m x h	Grav Fact F _s	tór	Flowing Temperature Factor F _{ft}	Fa	iation ctor pv	Metered Flow R (Mcfd)	GOR (Cubic Fee Barrel)	et/	Flowing Fluid Gravity G _m
					(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(P ₂) ²	= 0.20	07
(P _c) ² =		<u>:</u>	(P _w) ² =	<u> </u>	P _d =		% (P	<u>- 14.4) +</u>	14.4 = _	 :	(P _d) ²		
(P _c) ² - (F or (P _c) ² - (F		(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 _c ² -P _w ²	Slop Ass	sure Curve e = "n" or igned ard Slope	l n x	LOG	Antilog	Deli Equals	en Flow verability R x Antilog Mcfd)
				· · · · · · · · · · · · · · · · · · ·									
Open Flow	N			Mcfd @ 14.	65 psia		Deliverabi	lity			Mcfd @ 14.65 psia	1	
				n behalf of the						ne above repor	rt and that he has		edge of
			Witness (if any)			_	<u> </u>	<u>vy</u>	For C	ompany	<u>eue</u>	IVED_
			For Comm	nission			_	4		Chec	ked by	<u>C 2</u>	8 2011

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. I hereby request a one-year exemption from open flow testing for the Zweygardt 32-32B gas well on the grounds that said well:
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. I hereby request a one-year exemption from open flow testing for the Zweygardt 32-32B gas well on the grounds that said well:
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gas well on the grounds that said well:
(Check one)
(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 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.
Date: 12/12/2011
Signature: Chery Johnson
Title: Regulatory Analyst II

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