KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OF DELIVERABILITY TEST

Type Tes	t:					((See Instruc	tions on Rev	erse Side)					
∑ or	en Fla	w				Test Date: 10/8/13									
De	liverat	ollty				lest Date	e: 1016	123		API	No. 15 - 075	5-20,416-a	000		
Company	11/4	ıΙΛ		5,	ni#//			Lease T NG					Well N	umber	
County	<u>u,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	<i>אַעע</i> י	Loce	رزر tion	7)TH -N2-NE	Section		TWP	=	RNG (E	<u> </u>			Attributed	
, ,	HAN	יגאוני	roal Sa	Sz	-N2-NE	19	7	245		41	_,				
Field		27.3.1				Reservoir	г			Gas Gat	hering Conn	ection	·		
£	RAL	SH	Ήω			·	·· —- ·				NEOK F	IELD S	ERY	ices	
Completion						Plug Bac	k Total Dep	th		Packer S	let at				
			1989									<u> </u>			
Casing Size Weight				Internal Diameter		Set at		Perforations		To 2200/					
Tubing S	<u>4.500</u> <u>(0.500</u> Tubing Size Weight				Internal Diameter		2970 ' Set at		2295 ' Perforations		2308'				
			4	,	14					F-0110	auons	10			
Type Con	noletio	n (De	escribe)	/ (//	Type Flui	<u>アシ</u>	<i>340</i>	<u> </u>	Pump Ur	alt or Travelino	Pluncer? Yes	/ No		
Sul	C1 =	(Cas				I WAT			- I		Plunger? Yes			
Producing	Thru	(Ani	GAS nulus / Tubi	ng)		% C	Carbon Dlox	ide		% Nitrog		Gas G	ravity -	G,	
Z1	7511									_			•	•	
Vertical C							Pres	sure Taps				(Meter	Run) (f	Prover) Size	
							FIAL	IGE							
Processes	Builde	D.	Shirt in 1/	1	7 2	1/3			Token /	0/8	90	13 at 1:0	5	(AM) (SER)	
FIESSUIE	Bulluu														
Well on L	ine:	1	Started		20	at		(AM) (PM)	Taken		20	at		(AM) (PM)	
															
			Circle one		Bananira		OBSERVE	D SURFACE			1.5.1	Duration of Shut	<u></u>	Hours	
Static /	Orifi		Mater		Pressure Differential	Flowing	Well Head	Casing Wellhead Pressure		Tubing Wellhead Pressure		Duration	∐gı	Liquid Produced	
Dynamic Property	Size (Inches)		Prover Pressure		ın j	Temperature t	Temperature t	(P_w) or (P_i) or (P_w)		(P_w) or (P_t) or (P_e)		(Hours)		(Barrels)	
			psig (Pm)		Inches H ₂ 0			psig	·		psia		 		
Shut-In		_						95							
Flow															
. <u></u>					<u> </u>		FLOW STE	REAM ATTRI	BUTES				1		
Dista	1		Circle one:	7		T	12011 011		1	-				P	
Plate Coeffiect	1	Meter or			Press Extension	Grav Fact		Flowing Temperature	Devis		Metered Flow	GOR (Cubic F		Flowing Fluid	
(F _p) (F _p)		Prover Pressure			√ P _m xh	F.		Factor	Fac		R (Mcfd)	Barrel	1	Gravity	
Mcfd			psia		·			F ₁₁					G _m		
]]	
						(OPEN FLO	OW) (DELIV	ERABILITY)	CALCULA	TIONS		·			
(P _c) ² =			(P_)2	=	:	P _d = .		•	- 14.4) + ⁻		•	(P _a (P _d) ² = 0.2 1 ² =	:0/	
()		<u>-</u> -	· '' */		ose famula 1 or 2:	· a .		T				۱٬ ۵	, <u> </u>		
(P _c) ² - (P _a) ²		(P _a)² - (P _a)²		1. P.º-P.º		LOG of formula		Backpressure Curve Slope = "n"		5 × 10G			Open Flow		
or (P _a) ² - (P _a) ²				2	2. P.*-P.*	1. or 2.		Assigned		пхLOG		Antilog	Deliverability Equals R x Antilog		
(1-5) (1-	°'			divid	led by: P * P *	and divide by:	P P.	Standar			LJ		'	(Mcfd)	
					<u>-</u>	1		<u> </u>		†					
			l					 		1			+		
						<u></u>									
Open Flow Mcfd @ 14.65					5 psia		Deliverability		Mcfd @ 14.65 psia						
												·			
The u	ındersi	gned	authority,	on be	ehalf of the (Company, s	tates that h	e is duly auti	norized to	make the	above repor	t and that he ha	as know	ledge of	
he facts st	ated th	nereir	n, and that s	aid i	report le true	and correct	t. Executed	this the	<u>19</u> d	ay of 🗘	Luni	bel		20 <u>/3</u> .	
					•		•	·	1/		/	1 . 1			
			1.47						Da	nda.	mSn	nek_			
			Witness	(if any	")				1	~. <i>1</i>		ипрепу	CC '	WICHI1	
			For Com	nisalo	n				<u> </u>	RAN	Check		~~	* * 1 OT 11	

DEC 23 2013

i de	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
	status under Rule K.A.R. 82-3-304 on behalf of the operator Manda m Smith
	at 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 equip	oment installation and/or upon type of completion or upon use being made of the gas well herein named.
√l he	preby request a one-year exemption from open flow testing for the
gas we	ll 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 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 fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commissio
	necessary to corroborate this claim for exemption from testing.
	,
Mata.	12/19/2013
Date:	7/1/1/0013
	Signature: Nanda M Smilk
	Titles (A)
	Title: _ / (////n # , /

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.