KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See ins	tructio	ons on Re	verse Side)						
✓ Op	en Flow				Test Date					A IDI	No. 15					
De De	livorabilt	у			iesi Daie	10	/2.	3/201	3	15-	017 - 20664 <i>-</i>	000	D			
Company		Gas Co., Inc.					_	Lease Crawfor	rd		-		4	Meil Nu	mber	
County Location Chase NW/4 SE/4			4	Section 32					RNG (E/W) 7E				Acres A	Altributed		
				Reservoir Lansing					Gas Gar Shawn	thering Conn nar Oil - Ante	sction slope					
					Plug Bad 1400	k Total I	Depth)		Packer S	Set at					
4.5				Internal C	Diameter	r	Set :	Bt	Perforations purchased-no files			То				
Tubing Size Weight Internal Control of the Internal Co					Internat C			Set	at		rations		То			
single		(Describe)			Type Flui						nit or Treveling	Plun		(M)		
Producing Thru (Annulus / Tubing) Annulus					.36	arbon C				% Nitros 14.94			Gas Gravity - G ₀ .7057			
Vertical D N/A						fl	ange						2"		rover) Size	
Pressure	Buildup:	Shut in 10														
Well on L	ine:	Started 10/	23		0 13 at		'	(AM) (PM)	Taken 10	JI 24	20	13	e1		(AM) (PM)	
<u> </u>		Circle one:		Pressure		1		SURFAC	E DATA	T	Tubing	Dura	tion of Shut-	<u>ln</u>	Hours	
Static / Orific Dynamic Size Property (inche		ice Meter		Oiffsrentiat In Inches H ₂ 0	Flowing Temperature t	Well Hi Tempore		Wellhead	Pressure	Wellha	ead Pressure r (P _t) or (P _e)	Duration (Hours)		Liquid Produced (Barrels)		
8hut-In			\neg					5	20			72				
Flow	.25	2	6		60	3		2	17				24			
						FLOW	STR	EAM ATTE	RIBUTES						, 	
Plate Coefficeient (F _b) (F _p) Mofd		Catar ans: Metar or Provor Prossure psia		Press Extension P _m ×h	Fac	Gravity Factor F _g		Flowing emperature Factor F _{II}	Fe	fallon actor F	Motorod Fla R (Mcld)	₩	v GOR (Cubic Feel/ Barrel)		Flowing Fluid Gravity G _m	
.3067		17	1	0.1	1.19		1.0)	1.01		3.72					
(P)ta ·	100	; (P _w)*:	, .2	289 .	(OPEN FL	• •			•		:		(P _a)	= 0.2 *=	207	
(P _e) ² - (P _e) ² or (P _e) ² - (P _d) ²		(P _e) ³ - (P _w) ³		1. P. P. P. 1 2. P. P. 2	LOG of formula 1. or 2. and divide	LOG of formula 1. or 2. and divide pr. pt		Backpre Sio	easure Curve spe = "in" 0(ssigned	,	LOG		Antilog		pen Flow liverability s R x Aniling (Mold)	
.193			d'H	led by: Par Pu	by:	<u> </u>	<u> </u>	Siani	dard Stope	-	 -	-				
		.111		74	.24	.24		.85		.204		1.6		5.95	5	
Open Flo	w 5.95	5		Mc/d @ 14.	65 psla			Delivera	bility			Mcfd	⊕ 14.65 ps	la		
		ned authority,								o make t	he above rep	ort an	d that he h			
the facts s	itated the	erein, and that s	ald	report la true	and correc	t. Exec	beluc	this the	3	day of _	November	. (Com	·	20 13	
	··· ,	Witness	(li en	m)			_				Kal	A TOPAC	"II.	ልሳ የ	VCC !	املات
		For Corr	mbsi	0 0				* ,			riend	edied by	- 67U	44	KCC	VVICI

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator Shawmar Oil & Gas Co., Inc.							
	coing pressure information and statements contained on this application form are true and							
orrect to the best	t of my knowledge and belief based upon available production summaries and lease records							
equipment insta	allation and/or upon type of completion or upon use being made of the gas well herein named.							
I hereby requ	est a one-year exemption from open flow testing for the Crawford #4							
	ounds 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 further agre	e to supply to the best of my ability any and all supporting documents deemed by Commission							
_	y to corroborate this claim for exemption from testing.							
44/00/2044								
late: 11/08/2013	· · · · · · · · · · · · · · · · · · ·							
	Signature: Compositive							
	Title: President							

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
NOV 18 2013
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