KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				. (See Instruc	ctions on Re	everse Side	?)				
Op	en Flow		٠.						•		21066 00 00		
De	liverabilty			·	Test Date	3 :		•	, AP	I No. 15 UZ3	-21066-00-00		
Company		ergy Mana	aden	nent II C			Lease ZIMBELM	IAN	1	,	1	Well Number 42-13	
County		Loca		nont, EEC	Section	-	TWP.		RNG (E	:/W)		Acres Attributed	
CHEYENNE SW-NE-SE-NE			13			S		9W		10.00			
Field	-				Reservoi	r .			Gas Ga	thering Conn	ection		
CHERRY CREEK				NIOBRARA				Southern Star					
Completio					-	k Total Dep	oth		Packer	Set at	_		
11/11/2					1390'								
Casing Size Weight 7", 41/2" 17#, 9.5#			internal [8, 4.090		Set at 147',1435'		orations 1214'	то 1254'				
Tubing Size Weight			Internal D			Set at		orations	To	*			
2-3/8" 4.7#				.995		1272'							
Type Con	pletion (C	Describe)		-		d Production		· · · · · ·	Pump U	nit or Traveling	Plunger? Yes	/ No	
SINGL	E (GAS)	, .		SALT	NATER					yes-r	od pump	
Producing	Thru (Ar	nulus / Tubii	ng)		% C	arbon Diox	ide		% Nitrog	gen	Gas Gr	avity - G _g	
ANNUL	.US ,									-	- ,		
Vertical D	epth(H)				,	Pres	ssure Taps				(Meter I	Run) (Prover) Size	
						·						<u>. </u>	
Pressure	Builduo:	Shut in	8/	3	0_14_at	1:00 PM	(AM) (PM)	Taken		20	at	(AM) (PM)	
			8/								•	•	
Well on L	ine:	Started	O/	20	14 at1	1.001111	(AM) (PM)	Taken		20	at	(AM) (PM)	
····			-					·			· · · · · · · · · · · · · · · · · · ·	24 hr	
, I		Cimta and			· · · · · ·	OBSERVE	ED SURFAC		1		Duration of Shut-	inHours	
Static /	Orifice	Circle one: Pressure Meter Differentia		Pressure Differential	Flowing Well Head		Casing Wellhead Pressure		Tubing Wellhead Pressure		Duration	Liquid Produced	
Dynamic Size Property (inches		Prover Pressure in		1	Temperature Temperature		(P _w) or (P _t) or (P _c)		(P _w) or (P _t) or (P _e)		(Hours)	(Barrels)	
rioperty (mones)		psig (Pm) Inches H ₂		Inches H ₂ 0			psig psia		psig	psia			
Shut-In			,				63	·					
Flow													
		<u> </u>				FI OW OT		1	1	No.	<u>. </u>	<u></u>	
		· ·	Ť			FLOW STI	REAM ATTE	RIBUTES		, . 			
Plate Circle one: Press Coefficient Meter or Extension			Grav		Flowing Temperature	emperature Devi		Metered Flov		Flowing Fluid			
(F _b) (F	_	over Pressure _,	1.	√ P _m xh	Fact F _c	ioi	Factor Fa		ctor R (Mcfd)		(Cubic Fe	et/ Gravity	
Mcfd		psia		· m^!!	9		F _{ii}		pv .	(McId)	, . Barren	G _m	
				•								.	
			•		(ODEN EL	2WA (DELIN	/ERABILITY	A CALCIII	ATIONS				
7.12		(D.)2			-			•		•		2 = 0.207	
P _c) ² =		(P _w) ²		se formula 1 or 2:	P _d =		<u> </u>	P _c - 14.4) +		· · · · · · · · · · · · · · · · · · ·	(P _d)?	`=	
$(P_c)^2 - (P_a)^2$		P _c) ² - (P _w) ²		P2-P2	LOG of		Backpressure Co		e n x LOG			Open Flow	
or (P _a) ² - (P _a) ²			2. P²-F		formula 1. or 2.		· ·	or Assigned		LOG ,	Antilog	Deliverability Equals R x Antilog	
(1 _c) - (1	ا له		divided	d by; P.2 - P.2	and divide by:	P _c ² - P _w ²		dard Slope		LJ	-	. (Mcfd)	
							 						
					1.		 	•		`			
·					<u> </u>			•		b			
Open Flow Mcfd @ 14.6			65 psia		Deliveral	Deliverability		Mcfd @ 14.65 psia					
		d authority, d		· .		tates that h			o make tl		rt and that he ha		
		in, and that s						22	day of	•	TEMBER	₂₀ 14	
ie iacio Sl	aleu iilele	m, and that s	aiu fe	sport is true	and correct	. Executed	. uns uie		uay of			20	
•		•			•		•				-	Received	
		Witness	(it any)			·				For C	Company KAN	SAS CORPORATION COMMIS	
						-		· ·		2.7000		000 0 4 000	
	•	For Com	mission							Chec	ked by	SEP Z 4 2014	

		· ·		that I am authorized to reques	it
	and the second s		· ·	tion Energy Management, LLC	- -
•			•	nis application form are true and	
•	•	•	•	on summaries and lease records	
				ade of the gas well herein named ZIMBELMAN 42-13	.
-	ıest a one-year exempt	tion from open flo	w testing for the	ZIIVIDELIVIAN 42-13	-
gas well on the g	rounds that said well:		•		
(Chec	k one)		•		
(0//00	is a coalbed methan	e producer			
	is cycled on plunger		•		
<u> </u>	is a source of natura		into an ail reconsoir	undorgoing ED	
	,	_			
<u> </u>	is on vacuum at the p				
Ĭ✓	is not capable of pro	oducing at a daily	rate in excess of 25	U mct/D	
Life with a real mode		e a fara e e de 115e e e e e e			
•		•		locuments deemed by Commiss	SION
stan as necessa	ry to corroborate this c	aim for exemptic	n from testing.		
	0.0004.4				
Date:	2/2014				
	•				
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t.			1 X had	(Vather)	
-	•	Signature:	- O Wijll	U MOUTUL	
		Title:	OPERATI	ONS ASSISTANT	
	• • • • • • • • • • • • • • • • • • • •	,			
	· ·				

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 KANSASER OR COMMISSION signed and dated on the front side as though it was a verified report of annual test results.

SEP 24 2014