KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Durity Location Section TWP RNG (EW) Acres Attributed Flower Place Set at Perforations To Place Set at Perforations To Purp Basic Very Purp Unit or Very Size Weight Internal Diameter Set at Perforations To FLOW STREAM ATTRIBUTES From Stands Online Sharted 20 at (AM) (PM) Taken 20 at (AM) (PM) (AM) (PM) (PM) (PM) (PM) (PM) (PM) (PM) (P	ype Test:				(S	ee Instruct	ions on Rev	verse Side))				
Desironally Nov 18-12 OFT-20, 466-0000 West transfer of the completed Durch Country of the c	Open	Flow			"Test Date				ДРІ	No. 15			
Continue Con	Deliverabilty				lov 18-12				097-20,466-0000				
Reservoir	Ompany	blen	end Por	A)	, ,	1954	Lease		. ,	, ,	V	Vell Number	
Reservoir	Zounty		Locatio	on .					RNG (E/	W)	Ą		
Pug Bows Tal Depoits Packer Set at Perforations To York	Kim	Fruz CNWSE		ESW	U 25		2-7		(8				
Fig Back Tall Depth Packer Set at ## Perforations To ## Perforations T	Field				ς		Gas G		a serio connection		ζ.		
Saling Size Weight Internal Diameter Set at Perforations To Purp Cognolition (Describe) Type Eluid Producting Type Cognolition (Describe) Type Eluid Producting Type Eluid Pr				.,	Plug Back	⊤ tal Dep	th						
Internal Diameter Set at Perforations 10			Moight						Perfo	rations	To		
Weight Internal Diameter Set at Perforations To													
Tendering The Linning No. Carbon Disorder No. Natrogen No. N	ubing Size Weight			Ť	Internal D	iameter	Set at		Perforations		То		
Tendering The Linning No. Carbon Disorder No. Natrogen No. N	Type Comp	oletion (D	escribe)		Type Fluid	d Productio	บ		Pump Ur	nit or graveling	Plunger Yes	/ No • L	
Pressure Buildup: Shut in NOU 8 20 2at 2.50 2.60		-53	rigle 0	K+oit	<u> </u>	-erud	e + SA1	4wate	·		Pump	Unit	
Plate Coefficient (P.) (P.) (P.) (P.) (P.) (P.) (P.) (P.)	roducing	Thru (Ar	nnulus / Tubing))	% C	arbon Diox	ide		% Nitrog	jen '	Gas Gra	avity - G _g	
Started 20 at	Verlical De	nth(H)				Pres	ssure Taps				(Meter F	Run) (Prover) Size	
Started 20 at	p	475	50			Fla	Ng e	2	404	6	N		
State / Orifice Size Dynamic Size (Park Possure paig (Pm) Pressure paig (Pm) Pressure paig (Pm) Prover passure p	ressure B	Buildup:	Shut in	OU 18 2	0 / 2 -at	7:00	. (AM)(PM)	Taken	· No	N 19 20/	2 at 2'	30 (AM) PM)	
State / Orifice Size Dynamic Size (Park Possure paig (Pm) Pressure paig (Pm) Pressure paig (Pm) Prover passure p							\sim					\sim	
Static Orifice Crice one: Original Pressure Original Property Original Pro													
Static / Orifice			Circle one:	OBSERVI	···			······	Duration of Shut-	in Hours			
FLOW STREAM ATTRIBUTES FLOW S	Static / Dynamic		Meter Differenti		1 " 1 " 1		Wellhead Pressure		Wellhead Pressure			1 ' 1	
Flow STREAM ATTRIBUTES Plate Coefficient (F ₁ , (F ₁) (F ₁) (F ₂ , (F ₃)) (F ₂ (P ₃)) (McId) Prover Pressure psia (P ₂) = (P ₂) = P ₄ = 96 (P ₂ - 14.4) + 14.4 = (P _n) =	Property	(inches)	l .	1	1	t		voevor			(Hours)	(Datiele)	
Plate Coefficient (F,) (F,) Model Pross Extension Factor	Shut-In						240	2544	/				
Plate Coefficient (F ₀) (F ₀	Flow												
Coefficient (F _a) (F _a	L					FLOW ST	REAM ATT	RIBUTES		_,\			
Prover Pressure Prover Pre					Gravity		* I D		Deviation Metered Fix		GOR	1 1	
(OPEN FLOW) (DELIVERABILITY) CALCULATIONS (P _a) ² = 0.207 (P _a) ² = (P _a) ² = P _d = (P _a -14.4) + 14.4 = (P _d) ² =	(F _b) (F _p)		over Pressure		1		Factor		•		,	Gravity	
P _c) ² = (P _w) ² = P _d = 9% (P _c - 14.4) + 14.4 = (P _m) ²	Mcfd		psia		- U		F ₁₁		DV		· · · · · · · · · · · · · · · · · · ·	G _{eq}	
P _c) ² = (P _w) ² = P _d = 9% (P _c - 14.4) + 14.4 = (P _m) ²													
Chocked formula 1 or 2: 1. P ₀ ² - (P _w) ² 1. P ₀ ² - P _x 2. P _x ² - P _x and vided by: P _x ² - P _w Deen Flow Mcfd @ 14.65 psia Deliverability The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above peport and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the Witness (if any) Chocked by: P _x ² - P _x ² 1. P ₀ ² - P _x ² 2. P _x ² - P _x ² and vided by: P _x ² - P _x ² by: Backpressure Curve Slope = "n" Antiog Open Flow Antiog Antiog Open Flow Deliverability Equals R x Antilog (Mcfd) Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia Deliverability Equals R x Antilog (Mcfd) 1. or 2. Antiog Open Flow Deliverability Equals R x Antilog (Mcfd) The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above peport and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the Witness (if any) For Commission Checked by 2. 2. 2. 3. Checked by 2. 2. 2. 2. 3. Checked by 2. 2. 2. 2. 3. Checked by 2. 2. 2. 2. 2. Checked by 3. 2. Checked by 3. 2. Checked by 4. 2. Checked by 3. 2. Checked by 4. 2. Checked by					•								
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Witness (if any) For Commission Witness (if any) For Commission Checked by 2 3 2013 RECEIV	The u	ndersign	ed authority, o	n behalf of the	Company,	states that	he is duly a	authorized	to make 1	he above repor	rt and that he ha	as knowledge of	
Witness (if any) For Commission Witness (if any) For Commission Checked by 2 3 2013 RECEIV	he facts sta	ated ther	ein, and that sa	aid report is true	e and correc	t. Execute	d this the	16	day of	July		. 20 / 3	
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For Commission Checked by 2 3 2013 RECEIV			Witness (if any)				- 1 0	, v s /	K		ITAIN 122	
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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
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: 7-13
Signature: Thom Mont

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.

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