KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

MCCoyPetroleum Corporation Section Type Barber C NE NW 35 Note Barber C Note Note Barber C NW 35 Note Barber	Type Test		ONL	POINT 3			ctions on Re			ENABILIT	1 1231	
Company					Test Date) ;			AP	l No. 15		
MCCOVPetroleum Corporation County Barber C NE NW 35 325 11W Acres Attributed Asceroir Mississippian Competion Date Plug Back Total Depth 4516 None Plug Back Total Depth 4516 None Competion Date Plug Back Total Depth 4517 None Competion Date Plug Back Total Depth 4517 None Competion Date Plug Back Total Depth Processor Set at Perforations To 2375 478 1.995 4486 4492 4446 4492 4456 4492 4456 4492 4456 4466 4492 4519 Tubing Size Purp Unit Processor Buildup: Shut in 9718 20 13 at 8:00 AM (AM) (PM) Pressure Buildup: Shut in 9718 20 at (AM) (PM) Taken 20 at (AM) (PM) Taken 20 at (AM) (PM) Competion Plug Plug Back Total Date None Competion Describe None Competion Date None	Deliverability 9/18/13						15-00710072 ~ 0000					
Barber CNENW 35 32S 11W State Reservoir Gas Gathering Connection NE Rhodes Reservoir Mississippian Completion Date Plug Back Total Depth Pecker Set at None Reservoir Af516' A	Company McCoy Petroleum Corporation											
Reservoir Mississippian One Mississippian One On									./W)	,	Acres Attributed	
State Weight Internal Diameter Set at Perforations To 44492' S.5° 14# 5° 4569' 4446' 4445' 4442' S.5° S.7° 14# 5° 4569' 4446' 4446' 4442' S.7°				Reservoir			Gas Gathering Co			ection		
5.5" 1.4# 5° 4.569 4.446' 4.492' Tubing Size Weight Internal Diameter Set at 4502' Perforations To 1.995' 4502' Perforations To 4502' Pump Compellion (Describe) Type Compellion (Describe) Type Fluid Production Type Fluid	Completion Date 8/17/57				k Total Der	oth						
Tubing Size 4.7# 1.995* 4.7# 1.995* 4.7# 1.995* 4.7# 1.995* 4.502* Pump Unit Producing Thru (Annulus / Tubing) 5. Carbon Dioxide 7. Carbon Diox												
Single Gas & Trace Water Pump Unit Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - G, Vertical Depth(H) Pressure Taps (Motor Run) (Prover) Size Pressure Buildup: Shut in 9/18 20 13 at 8:00 AM (AM) (PM) Taken 9/19 20 13 at 8:00 AM (AM) (PM) Well on Line: Started 20 at (AM) (PM) Taken 9/19 20 13 at 8:00 AM (AM) (PM) OBSERVED SURFACE DATA Duration of Shut-in 24 Hours Casing Wellhead Pressure Wellhead Pressure (P, 2) of P, 19 (P, 19 (Tubing Size Weight			Internal Diameter		Set at						
Vertical Depth(H) Pressure Taps (Motor Run) (Prover) Size (Motor Run) (Prover) Size Pressure Buildup: Shut in 9/18 20 13 at 8:00 AM (AM) (PM) Taken 9/19 20 13 at 8:00 AM (AM) (PM) Well on Line: Started 20 at (AM) (PM) Taken 20 at (AM) (PM) Taken 20 at (AM) (PM) OBSERVED SURFACE DATA Duration of Shut-in 24 Hours Static / Orifice Size Pressure Pressure Prover Pressure Pressu	Type Completion (Describe) Single					วก	Pump Unit or Tra			ing Plunger? Yes / No		
Pressure Buildup: Shut in 9/18 20 13 at 8:00 AM (AM) (PM) Taken 9/19 20 13 at 8:00 AM (AM) (PM) Well on Line: Started 20 at (AM) (PM) Taken 20 at (AM) (PM) OBSERVED SURFACE DATA Duration of Shut-in 24 Hours Static / Orifice Size (inches) Pressure (inches) Pres	Producing Thru (Annulus / Tubing)				% C	arbon Diox	kide		% Nitrogen		Gas Gravity - G _g	
Well on Line: Started 20 at (AM) (PM) Taken 20 at (AM) (PM) Static I Orlice Organic State (Inches) Pressure Property (Inches) Pressure Property (Inches) Pressure Property (Inches) Property (Inches) Pressure Property (Inches) Press (Inches) Pressure Property (Inch	Vertical D	epth(H)				Pres	ssure Taps				(Meter f	Run) (Prover) Size
Well on Line: Started 20 at (AM) (PM) Taken 20 at (AM) (PM) Taken 20 at (AM) (PM) OBSERVED SURFACE DATA Duration of Shut-in 24 Hours Static / Orifice Meter (inches) Prover Pressure paig (Pm) Inches H ₂ O Theose from the factor (F ₂) or (P ₂) or (P ₃) or (P ₄)	Pressure	Buildup:	Shut in	9/18 2	0_13 at_8:	:00 AM	 _ (AM) (PM)	Taken	9/	19 20	13 _{at} 8:00 A	M(AM) (PM)
Static / Orifice Size	Well on Li	ine:	Started	2	0 at		_ (AM) (PM)	Taken		20	at	
Flowing Flow						OBSERV	ED SURFAC	E DATA			Duration of Shut-	in 24 Hours
FLOW STREAM ATTRIBUTES FLOW IN A REPORT OF STREAM ATTRIBUTES FLOW IN A REPORT OF STREAM ATTRIBUTES FLOW STREAM ATTRIBUTES FLOW IN A REPORT OF STREAM ATTRIBUTES FLOW IN A RE	Dynamic	Size	Orifice Meter Differential in		Temperature Temperature		Wellhead Pressure		Wellhead Pressure (P _m) or (P ₁) or (P _c)			
FLOW STREAM ATTRIBUTES Plate Coefficient (F ₃) (F ₁) Press Moter or Prover Pressure psia (P ₂) ² = (P	Shut-In		psig (Fili) Inches H ₂ O			T	psia	psig	psia	24.	
Plate Coefficient Meter or Moder or Prover Pressure Sextension Factor Fa	Flow											
Coefficient (F ₃) (F ₃) Model Prover Pressure psia Power Prover Pressure psia Psia Psia Psia Psia Psia Psia Psia P						FLOW ST	REAM ATTR	IBUTES		ī		
(P _e) ² = : (P _w) ² = : P _g = % (P _e · 14.4) + 14.4 = : (P _g) ² = (P _e) ² = : (P _g) ² =	Coeffiecient (F _b) (F _p)		Meter or Extension Prover Pressure		Factor		Temperature Factor	remperature Factor		R	(Cubic Fe	et/ Fluid Gravity
(P _c) ² =					(ODEN EL	DW) (DELI	VEDABILITY	CALCUI	ATIONS			
Choose formula 1 or 2: 1. P _c ² - P _s ² or (P _c) ² - (P _d) ² Open Flow Choose formula 1 or 2: 1. P _c ² - P _s ² Open Flow Slope = "n" Assigned Standard Slope Open Flow Deliverability Equals R x Antilog (Mcfd) Open Flow Deliverability Deliverability The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the Witness (if any) Open Flow Antilog Open Flow Note of 14.65 psia Deliverability Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia Note of the Company, states that he is duly authorized to make the above report and that he has knowledge of day of December The undersigned authority, and that said report is true and correct. Executed this the Open Flow Note of the Company, states that he is duly authorized to make the above report and that he has knowledge of day of December Open Flow Note of the Company Note of the Company Open Flow Note of the Company Note of the Company Open Flow Note of the Company Note of the Company Open Flow Note of the Company Note of the Company Note of the Company Note of the Company Open Flow Note of the Company Note of	(P _c) ² =		: (P _w)²	 :	•	, ,		•		:		
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the	(P _e) ² - (F	P_) ²		Chaose formula 1 or 2. 1. P _c ² - P _s ² 2. P _c ² - P _d ²	LOG of formula 1. or 2. and divide		Backpre Slo 	essure Curve pe = "n" - or signed	n x	r 7		Open Flow Deliverability Equals R x Antilog
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the						,						
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me facts stated therein, and that said report is true and correct. Executed this the	•				· ·						· · · · · · · · · · · · · · · · · · ·	
Witness (if any) Witness (if any) DEC 31.2											ort and that he ha	_
Witness (if any) For Company 1					210 001100				Zu.	TO G	Parpel	
							-			Fort	Company	

l de	्रिसर्ग clare 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 McCoy Petroleum Corporation
	t the foregoing pressure information and statements contained on this application form are true and
	to the best of my knowledge and belief based upon available production summaries and lease records
	ment installation and/or upon type of completion or upon use being made of the gas well herein named.
	reby request a one-year exemption from open flow testing for the Thomas, H.A. #1
	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 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 fur	ther agree to supply to the best of my ability any and all supporting documents deemed by Commission
	necessary to corroborate this claim for exemption from testing.
	,
. .	12/30/13
Jate:,	12/3 ⁰ //3
	Signature: Scott Dangel
	Title: Vice President - Production
	1110.

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.

* UC WICHITA

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