## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Test Date: 09/30/2013  Company Petro River Operationg, L.L.C.  County Location 1980'FNL-660'FWL 11 19S 3E 40  Field Marion Mississippi Chat Seseryoir Mississippi Chat Shawmar Oi & Gas Co, Incompletion Date 03/09/2009  Completion Date 03/09/2009  Casing Size Weight Internal Diameter Set at 2.875 6.5 2.441 2377  Type Completion (Describe) Hydrualic Frac Single  Mell Number 18PI No. 15 15-15-121407-0000  Well Number "A"#1-11  Reaser Scully Rease Set at 19-21407-0000  Well Number "A"#1-11  Gas Gathering Connection Shawmar Oi & Gas Co, Incompletion Date Plug Back Total Depth Packer Set at Perforations To 2489  Perforations To 2430  Pump Unit or Traveling Plunger? Yes / Weight Plug Production Pump Unit or Traveling Plunger? Yes / Weight Production Pump U	Type Test			0.112		(	See Instruc	tions on Re	everse Side	;)		,		•	
Comparison   Com	Open Flow Deliverabilty									0000					
Marion 1980/FNL-860/FWL 11 19S 3E 40  Field Marion Reservoir Mississipplichat Mississipplic			era	tiong, L.L.C		03/30/20					110 21101			lumber	
Marion  Mississippi Chat  Completion Date  Date Date  Discovered Production  Mississippi Chat  Discovered Production  Production  To 15.5  1.995  1.55  1.55  1.995  1.55  1.995  1.55  1.995  1.55  1.995  1.55  1.995  1.55  1.995  1.55  1.995  1.55  1.995  1.55  1.995  1.55  1.995  1.55  1.995  1.55  1.995  1.55  1.995  1.55  1.995  1.55  1.995  1.55  1.995  1.55  1.995  1.55  1.995  1	County Location									,	, ,				
Packer Set at   Packer Set a	Field Marion								Gas Gathering <b>Shaw</b> m		hering Conne Wmar	Oil & G	as	Co. Inc	
1.5.5	•		9			•	k Total Dep	oth	-				•		
Type Completion (Describe)  Type Fluid Production  Type Fluid Production  Type Stream  Producing Thru (Annulus Obling)  See Carbon Dioxide  Tubing  Vertical Depth(H)  Pressure Buildup: Shut in  Started  Orifice Type Fluid Production  OBSERVED SURFACE DATA  Orifice Type Fluid Production  OBSERVED SURFACE DATA  Orifice Typeranic Static / Orifice Typeranic Static / Orifice Typeranic Typeranic State / Orifice Typeranic Typeranic Typeranic State / Orifice Typeranic Typeran	Casing Size 5.5				t		Diameter								
Producing Thru (Annubus Produc	Tubing Si 2.875	ize			t		Diameter			Perforations		То			
Producing Thru (Annulus (Annul			· (a)			, ,		on	<del></del> ,		-				
Pressure Buildup: Shut in 9/30 20 13 at 9:00a (AM) (PM) Taken 10/1 20 13 at 9:00a (AM) (PM)  Well on Line: Started 20 at (AM) (PM) Taken 20 at (AM) (PM)  Bitatic / Orifice Size Multar Proper Pressure (Inches) Pressure Inches H <sub>2</sub> 0   Pressure Inch	Producing Thru (Annulus Anabing)				% C	% Carbon Dioxide						· y			
Comparison of Shut-in   Comparison of Comparison of Shut-in   Comparison of C	Vertical D	epth(H	)				Pres	ssure Taps				(Met	er Run) (	Prover) Size	
Static / Orifice	Pressure	Buildu	o:	Shut in9/30	) 2	0_13_at_9	:00a	(AM) (PM)	Taken_10	0/1	20	13 at 9:00	a	(AM) (PM)	
Static / Orifice   Orifice   Orifice   Meter   Prover Pressure   Property   Orifice   Size   Orifice   Size   Orifice   Orifice   Size   Orifice	Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)	
Comparison   Com						I	OBSERVE	ED SURFAC	E DATA			Duration of Sh	nut-in _24	Hours	
Shut-In Flow  Flow STREAM ATTRIBUTES  Flowing Factor Facto	Dynamic	Dynamic Size		Meter Prover Pressu	Differential in	Temperature	Temperature	Wellhead (P <sub>w</sub> ) or (F	Pressure	essure Wellhead F or $(P_c)$ $(P_w)$ or $(P_t)$		1			
FLOW STREAM ATTRIBUTES  Plate Coefficient Meter or Prosure Prosure paid Meter or Prover Prosure paid Meter or Prover Prosure paid Meter or Prover Pro	Shut-In								psia	poig	psia			· .	
Plate Coefficient Meter or Meter or Prover Pressure Factor Fig.   Flowing Temperature Factor Fig.   Pp.   Pp	Flow														
Coefficient (F <sub>p</sub> ) (F <sub>p</sub> ) Prover Pressure pisia    (P <sub>p</sub> ) <sup>2</sup> = (P <sub>w</sub> ) <sup>2</sup> = P <sub>d</sub>	Plate			Circle one:	Danas									Flowing	
(OPEN FLOW) (DELIVERABILITY) CALCULATIONS $(P_{c})^{2} =                                   $	Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> )		Prover Pressure		Extension	Fact	tor	Temperature Factor		ictor	R	(Cubic	Feet/	Fluid Gravity	
(P <sub>c</sub> ) <sup>2</sup> =															
Choose formula 1 or 2:  1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> or (P <sub>c</sub> ) <sup>2</sup> - (P <sub>d</sub> ) <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>c</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup> Deliverability  Assigned Standard Slope  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 ne facts stated therein, and therefore report is true and correct. Executed this the RECEIVED  KANSAS CORPORATION COMMISSION  Witness (if any)  Choose formula 1 or 2: 1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 1. Open Flow Slope = 'n' Assigned Standard Slope  N x LOG  Antilog  Antilog  Open Flow Deliverability Equals R x Antilog (Mcfd)  Antilog  Open Flow Deliverability Equals R x Antilog (Mcfd)  Antilog  Open Flow Deliverability Equals R x Antilog (Mcfd)  Exercise 2  Antilog  Open Flow Deliverability Equals R x Antilog (Mcfd)  Exercise 2  Antilog  Open Flow Deliverability Equals R x Antilog (Mcfd)  Exercise 2  Antilog  Open Flow Deliverability Equals R x Antilog (Mcfd)  Exercise 3  Antilog  Open Flow Deliverability Equals R x Antilog (Mcfd)  Exercise 3  Antilog  Open Flow Deliverability Equals R x Antilog (Mcfd)  Exercise 3  Antilog  Open Flow Deliverability Equals R x Antilog (Mcfd)  Exercise 3  Antilog  Open Flow Deliverability Equals R x Antilog (Mcfd)  Exercise 3  Antilog  Open Flow Deliverability Equals R x Antilog (Mcfd)  Exercise 4  Antilog Deliverability Equals R x Antilog (Mcfd)  Exercise 4  Antilog  Open Flow Deliverability Equals R x Antilog (Mcfd)  Exercise 4  Antilog  Open Flow Deliverability Equals R x Antilog (Mcfd)  Exercise 4  Antilog  Open Flow Deliverability Equals R x Antilog (Mcfd)  Exercise 4  Antilog  Open Flow Deliverability Equals R x Antilog (Mcfd)  Exercise 4  Antilog  Open Flow Deliverability Equals R x Antilog (Mcfd)  Exercise 4  Antilog  Open Flow Deliverability Equals R x Antilog (Mcfd)  Exercise 4  Antilog  Open Flow Deliverability Equals R x Antilog (Mcfd)  Exercise 4  Antilog  Open Flow Deliverability Equals R x Antilog (Mcfd)  Exercise 4  Antilog Exercise 4  Antilog Exercise 4  Antilog Exercise 4  Ant	(D )2 =			(P \2 -		•	, ,		•	•				.207	
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 waito report is true and correct. Executed this the	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>a</sub> ) <sup>2</sup> or		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		<ol> <li>P<sub>c</sub><sup>2</sup> - P<sub>a</sub><sup>2</sup></li> <li>P<sub>c</sub><sup>2</sup> - P<sub>d</sub><sup>2</sup></li> </ol>	P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> LOG of formula P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> 1. or 2. and divide		Backpre Slo	ckpressure Curve Slope = "n" or Assigned		roe [		D	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 waito report is true and correct. Executed this the	,													:	
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 waito report is true and correct. Executed this the	Open Flor	l. w			Mcfd @ 14.	65 psia		Deliverat	bility			Mcfd @ 14.65	psia		
RECEIVED KANSAS CORPORATION COMMISSION  Witness (if any)  OCT 1 5 2013  RECEIVED For Company  For Company	· · · · · · · · · · · · · · · · · · ·		gned	d authority, or			states that h			o make th			.:	wledge of	
Witness (if any)  KANSAS CORPORATION COMMISSION  VETAS REVEX OPERATELLE LLC  For Company  For Company	the facts s	tated th	nerei	n, and that we	report is true		DECEN	VFD		day of	De 70182			, · · ——	
OCT 1 5 2013	2		<u> </u>	/ Witness Gi	(any)	KANSAS	CORPORAT	ION COMMIS	SSION	Peres			TINL	111	
ATION DIVICE/DM	<del>.</del>					<del></del>	OCT 1	5 2013							

	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 Petro River Oil, L.L.C.
	and that the foregoing pressure information and statements contained on this application form are true and
ie.	correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.  I hereby request a one-year exemption from open flow testing for theScully "A"#1-11
	gas well on the grounds that said well:
	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: 10/11/2013
•	Signature:
	Title: Authorized Signatory

## 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.