**RECEIVED** 

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

□   □   □   □   □   □   □   □   □   □	Type Test:	:	•	JNE I	POINT S			ctions on Re			CHADILII	T IESI			
Company   10-16 thru 10-17, 2013   15-007-10290-00-00   Well Number			,												
Lease   Mode   Number   Lease   Mode   Number   Lease   Mode   Number   Lease   Mode   Number   Lease   Number   Lease   Number   Lease   Number	Deli	liverabil	ty												
ARBER NW SENENW 14 33S 13W    Field   Reservoir   Rese	Company HERMAN L. LOEB, LLC				Lease			ISON		1100	1	Well N	umber		
MEDICINE LODGE-BOGGS  MISSISSIPPIAN ONECK  Discipliation Date 11-30-1936  Plug Back Total Depth 11-30-1936  Performance 11-30-1936  Performance 11-30-1936  Performance 11-30-1936  Performance 11-30-1936  Performance 11-30-1936  Performance 11-30-1936  Pressure Buildup: Shut In 10-16  Performance 11-30-1936  Performance 11-30	•									(W)		Acres	Attributed		
11-30-1936  4553  NONE  Cascing Size  Weight Internal Diameter Set at Penforations To 4502  4502  4503  Weight Internal Diameter Set at Penforations To 4502  4503  Weight Internal Diameter Set at Penforations To  Type Completion (Describe)  Type Fluid Production  GAS  FLOWING  FROMING Properties  Froming Principle	Field MEDICINE LODGE-BOGGS									•		ection			
The completion (Describe)  Weight Internal Diameter Set at Penforations To  Pump Unit or Traveling Plunger? Yes / No  FILOWING  Production Plump Unit or Traveling Plunger? Yes / No  FILOWING  Production Plump Unit or Traveling Plunger? Yes / No  FILOWING  Production Plump Unit or Traveling Plunger? Yes / No  FILOWING  Production Traveling Plunger? Yes / No  FILOWING  Pressure Buildup: Shut in 10-16 20 13 at 1:45 PM (AM) (PM) Taken 10-17 20 13 at 2:00 PM (AM) (PM)  Well on Line: Started 20 at (AM) (PM) Taken 10-17 20 at (AM) (PM)  Well on Line: Started 20 at (AM) (PM) Taken 20 at (AM) (PM)  OBSERVED SURFACE DATA  OCIDIO No. (PC) 3 (P) 3	Completion Date 11-30-1936				_	k Total De	pth								
Type Completion (Describe)  Type Fluid Production  GAS  FLOWING  FLOWING  FLOWING  FROUGH Through Thru (Annulus / Tubing)  % Carbon Dioxide  % Nitrogen  Gas Gravity · G.  (Meter Flun) (Prover) Size  (Meter Flun) (Prover) Size  (Meter Flun) (Prover) Size  (AM) (PM)  Taken 10-17  20 13 at 2:00 PM  (AM) (PM)  Carbon Dioxide  Carbon Dioxide  Carbon Dioxide  Carbon Dioxide  (AM) (PM)  Taken 10-17  20 13 at 2:00 PM  (AM) (PM)  Carbon Dioxide  Carbon Dioxide  Carbon Dioxide  Carbon Dioxide  Carbon Dioxide  Carbon Dioxide  (Meter Flun) (Prover) Size  Carbon Dioxide  Carbon Dioxide  Carbon Dioxide  Carbon Dioxide  (AM) (PM)  Taken 10-17  20 13 at 2:00 PM  (AM) (PM)  Carbon Dioxide  Carbon Dioxide  Carbon Dioxide  Carbon Dioxide  Carbon Dioxide  (AM) (PM)  Taken 10-17  20 13 at 2:00 PM  (AM) (PM)  Carbon Dioxide  Carbon Dioxide  Carbon Dioxide  (AM) (PM)  Taken 10-17  20 13 at 2:00 PM  (AM) (PM)  Carbon Dioxide  Carbon Dioxide  Carbon Dioxide  Carbon Dioxide  Carbon Dioxide  Carbon Dioxide  (AM) (PM)  Taken 10-17  20 13 at 2:00 PM  (AM) (PM)  Taken 10-17  20 13 at 2:00 PM  (AM) (PM)  Carbon Dioxide  Carbon Dioxide  Carbon Dioxide  Carbon Dioxide  Carbon Dioxide  (AM) (PM)  Taken 10-17  20 13 at 2:00 PM  (AM) (PM)  Taken 10-17  20 13 at 2:00 PM  (AM) (PM)  Carbon Dioxide  Carbon D	Casing Siz						Diameter								
Producting Thru (Annulus / Tubing)  % Carbon Dioxide  % Nitrogen  Gas Gravity - G,  Casting  Pressure Tape  (Meter Fluin) (Prover) Size  (Meter Fluin) (Prover) Size  Pressure Buildup:  Shut in	Tubing Siz	ze		Weight		Internal Diameter Set at			at	Perfo	То				
Pressure Buildup: Shut in 10-16 20 13 at 1:45 PM (AM) (PM) Taken 10-17 20 13 at 2:00 PM (AM) (PM) Taken 10-17 20 13 at 2:00 PM (AM) (PM) Taken 20 at (AM)	Type Completion (Describe) SINGLE											Plunger? Yes	s / No		
Pressure Buildup: Shut in 10-16 20 13 at 1:45 PM (AM) (PM) Taken 10-17 20 13 at 2:00 PM (AM) (PM) Well on Line: Started 20 at (AM) (PM) Taken 20 at (AM) (PM)  Static / Onflice Size Property (inches) Prossure pid (Pm) Inches H,0 Inc	Producing Thru (Annulus / Tubing) CASING					% Carbon Dioxide				% Nitrog	jen	Gas (	Gas Gravity - G		
Started   20 at   (AM) (PM) Taken   20 at   (AM) (PM)   (AM) (PM)   (AM) (PM) (PM)   (AM) (PM) (PM)   (AM) (PM) (PM)   (AM) (PM) (PM) (PM) (PM)   (AM) (PM) (PM) (PM) (PM) (PM) (PM) (PM) (P	Vertical De	epth(H)					Pre	ssure Taps				(Mete	r Run) (F	rover) Size	
Started   20 at   (AM) (PM) Taken   20 at   (AM) (PM)	Pressure 6	Buildup	Shut in	10-1	6 20	13 <sub>at</sub> 1	:45 PM	(AM) (PM)	Taken 1	0-17	20	13 <sub>at</sub> 2:00	PM	(AM) (PM)	
State / Orifice Size / Motor / Prover Pressure / pisia (P.)**  Plate Coefficient / Prover Pressure / pisia (P.)**  Meter or / Prover Pressure / (Metd) (P.)**  Meter or / Prover Pressure / Pisia (P.)*  Meter or / Prover Pressure / Pisia (P.)*  Meter or / Prover Pressure / Pisia															
State   Orifice   Orifice   Orifice   Property   Circle   Property   Orifice   Property   Orifice   Property   Orifice   Property   Orifice   Property   Orifice   O	•						OBSERV	ED SURFAC	E DATA			Duration of Shu	t-in 24	Hour	
FLOW STREAM ATTRIBUTES  Plate Coefficient (F <sub>p</sub> ) (F <sub>p</sub> ) Meter or Prover Pressure psia   (OPEN FLOW) (DELIVERABILITY) CALCULATIONS  (P <sub>p</sub> ) <sup>2</sup> =	Static / Dynamic Property	Size	fice  Ze Prover Pressure  Prover Pressure  in		Temperature Temperature		e Wellhead (P <sub>w</sub> ) or (f	Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		ad Pressure		1 .	1 '		
FLOW STREAM ATTRIBUTES  Plate Coefficient (F <sub>p</sub> ) (F <sub>p</sub> ) (F <sub>p</sub> ) (F <sub>p</sub> ) (Mctd)    Coulombin   Factor F	Shut-In		poig (r iii)		inches ri <sub>2</sub> 0					psig psia		24			
Plate Coefficient (F <sub>p</sub> ) (F <sub>p</sub>	Flow														
Coefficient (F <sub>p</sub> ) (F <sub>p</sub> ) Prover Pressure psia Psia Psia Psia Psia Psia Psia Psia	Olete.		Circle on	a.		1	FLOW ST		RIBUTES					T	
(OPEN FLOW) (DELIVERABILITY) CALCULATIONS $(P_a)^2 =                                   $	Coefficie		Meter or Prover Pressure		Extension	Fac	tor	Temperature Factor		Factor		(Cubic F	eet/	Fluid Gravity	
P <sub>c</sub> ) <sup>2</sup> = : (P <sub>w</sub> ) <sup>2</sup> = : P <sub>d</sub> = % (P <sub>c</sub> -14.4) + 14.4 = : (P <sub>d</sub> ) <sup>2</sup> = (P <sub></sub>															
P <sub>c</sub> ) <sup>2</sup> = : (P <sub>w</sub> ) <sup>2</sup> = : P <sub>g</sub> = % (P <sub>c</sub> - 14.4) + 14.4 = : (P <sub>g</sub> ) <sup>2</sup> = (P <sub>g</sub> ) <sup>2</sup> = (P <sub>g</sub> ) <sup>2</sup> = : (P <sub>g</sub> ) <sup>2</sup> = (P <sub>g</sub> ) <sup>2</sup> = (P <sub>g</sub> ) <sup>2</sup> = : (P <sub>g</sub> ) <sup>2</sup> = (P <sub>g</sub> ) <sup>2</sup> = : (P <sub>g</sub> ) <sup>2</sup> = (P <sub>g</sub> ) <sup>2</sup> = : (P <sub>g</sub> ) <sup>2</sup> =						(OPEN FL	OW) (DELI	VERABILITY	) CALCUL	ATIONS		(P,	) <sup>2</sup> ≈ 0.2	207	
Checked by    Company   Co	P <sub>c</sub> )2 =	<del></del>	:		:	P <sub>d</sub> =		_% (	P <sub>c</sub> - 14.4) +	14.4 = _	<del></del> :	(P,	<sub>3</sub> ) <sup>2</sup> =		
Open Flow Mcfd © 14.65 psia Deliverability Mcfd © 14.65 psia  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 e facts stated therein, and that said report is true and correct. Executed this the 30TH day of OCTOBER , 20 13 .  Witness (if any) For Company KCC WICH	Of				1. P <sub>c</sub> <sup>2</sup> ·P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> ·P <sub>d</sub> <sup>2</sup>	formula 1. or 2. and divide	formuta 1. or 2. and divide p 2_p 2		Slope = "n" or Assigned		roe	Antilog	De Equal:	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 e facts stated therein, and that said report is true and correct. Executed this the Aday of OCTOBER , 20 13 .  Witness (if any)  For Commission  Checked by				di	vided by: P <sub>c</sub> <sup>2</sup> • P <sub>y</sub> <sup>2</sup>	by:		Stand	ard Slope	-				(MCIO)	
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 e facts stated therein, and that said report is true and correct. Executed this the Aday of OCTOBER , 20 13 .  Witness (if any)  For Commission  Checked by															
e facts stated therein, and that said report is true and correct. Executed this the Aday of OCTOBER , 20 13  Witness (if any) For Commission Checked by	Open Flow	·			Mcfd @ 14.6	5 psia		Deliverat	oility		<del></del>	Mcfd @ 14.65 p	sia		
Witness (if any)  Alan Use Box For Company KCC WICH For Commission  Checked by												rt and that he h		-	
For Commission Charled by	ne tacts sta	ated the	erein, and	that said	report is true	and correct	t. Execute	d this the <u>3</u>	<u> </u>	day of	/ d	1	,	20	
For Commission Checked by			V	Atness (it a	ny)		· <del>- · · · · · · · · · · · · · · · · · · </del>	-	<del></del>	aml	Ford	Ompany	KCC	WICH	
			F	or Commiss	sion	****	<del></del>	-			Chec				

l de	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exemp	t status under Rule K.A.R. 82-3-304 on behalf of the operator HERMAN L. LOEB, LLC
and tha	at the foregoing pressure information and statements contained on this application form are true and
correct	to the best of my knowledge and belief based upon available production summaries and lease records
of equip	pment installation and/or upon type of completion or upon use being made of the gas well herein named.
The	ereby request a one-year exemption from open flow testing for the MAGNISON 1
gas we	ell 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 fu	orther agree to supply to the best of my ability any and all supporting documents deemed by Commissio
	s necessary to corroborate this claim for exemption from testing.
Date: _	10-30-2013
	Signature: Alan Viat l
	Title: REP. HERMAN L. LOEB, LLC
	1106.

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

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