KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

COMANCHE SW SE NW SE 3 32S 17W Field Reservoir Gas Gathering Connection ONEOK Completion Date Plug Back Total Depth Packer Set at NONE Casing Size Weight Internal Diameter Set at Perforations To KCC WICH 6.500 10.50 3.927 5220 5104 5114	type test	•					1	Jee manuc	uons on me	V6138 3106	7)					
Lesse Location									2012				10-00			
COMMANCHE SW SE NW SE 3 3 3 3 5 17W Acres Antibuled RECEIV RECEIV RECEIV Conjection Date Plug Back Total Depth SUSSISPIPIAN Case Cathering Connection ONECK Plug Back Total Depth Suzing Size Weight Internal Diameter Set at NONE Total Perforations To 11.500 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 Type Fluid Production GAS Pressure Buildup: Shut in 10-18 20 12 at 5:00 PM (AM) (PM) Taken 10-19 20 12 at 5:00 PM (AM) (PM) Taken 10-19 20 12 at 5:00 PM (AM) (PM) Taken 10-19 20 12 at 5:00 PM (AM) (PM) Taken 10-19 20 12 at 5:00 PM (AM) (PM) Taken 10-19 Started ONSERVED SURFACE DATA Duration of Shut-in Received Pressure Buildup: Shut in 10-18 20 12 at 5:00 PM (AM) (PM) Taken 10-19 20 12 at 5:00 PM (AM) (PM) Taken 10-19 20 12 at 5:00 PM (AM) (PM) Taken 10-19 20 12 at 5:00 PM (AM) (PM) Taken 10-19 20 12 at 5:00 PM (AM) (PM) Taken 10-19 Started ONSERVED SURFACE DATA Duration of Shut-in Received Department of Shut-in Received Pressure Buildup: Shut in 10-18 Started ONSERVED SURFACE DATA Duration of Shut-in Received Pressure Buildup: Shut in 10-18 Shut-in Pressure Pressure Pressur			OEE	3, LLC			10-18 (iiu 10-19,	Lease	·		000-20003-0		Well N	umber	
Reservoir Connection Conn	County Location															
The Confine Processor State of P	Field					Reservoir	Reservoir			Gas Gathering Connection R			RECEI			
State Pressure Buildup: Shut in 10-18 20 12 at 5:00 PM (AM) (PM) Taken 10-19 20 12 at 5:10 PM (AM)		n Date	^						th.						DEC 4 2	
State Pressure Buildup: Shut in 10-18 20 12 at 5:00 PM (AM) (PM) Taken 10-19 20 12 at 5:10 PM (AM) (PM)							_	ik ililai Dep							DEC 13	
Started Star						Diameter						K	(CC WIC			
Type Fluid Production GAS PUMPING Pump Unit or Traveling Plunger? Yes / No PUMPING Red Control Disorder Shift of Control of Contr	Tubing Size Weight					Diameter					То					
NNULUS errical Depth(H) Pressure Taps (Meter Run) (Prover) Size ressure Buildup: Shut in 10-18 20 12 at 5:00 PM (AM) (PM) Taken 10-19 20 12 at 5:10 PM (AM) (PM) ressure Buildup: Shut in 10-18 20 12 at 5:00 PM (AM) (PM) Taken 10-19 20 12 at 5:10 PM (AM) (PM) ressure Buildup: Shut in 10-18 20 12 at 5:00 PM (AM) (PM) Taken 10-19 20 12 at 5:10 PM (AM) (PM) ressure Buildup: Shut in 10-18 20 12 at 5:00 PM (AM) (PM) Taken 10-19 20 12 at 5:10 PM (AM) (PM) ressure Buildup: Shut in 10-18 20 12 at 5:10 PM (AM) (PM) ressure Buildup: Shut in 10-18 20 at (AM) (PM) Taken 10-19 20 12 at 5:10 PM (AM) (PM) ressure Buildup: Shut in 10-18 20 at (AM) (PM) Taken 10-19 20 at (AM) (PM) ressure Buildup: Shut in 10-18 20 at (AM) (PM) Taken 10-19 20 at (AM) (PM) ressure Buildup: Shut in 10-18 20 at (AM) (PM) Taken 10-19 20 at (AM) (PM) ressure Buildup: Shut in 10-18 20 at (AM) (PM) Taken 10-19 20 at (AM) (PM) ressure Buildup: Shut in 10-18 20 at (AM) (PM) Taken 10-19 20 at (AM) (PM) ressure Buildup: Shut in 10-18 20 at (AM) (PM) Taken 10-19 20 at (AM) (PM) ressure Buildup: Shut in 10-18 20 at (AM) (PM) Taken 10-19 20 at (AM) (PM) ressure Buildup: Shut in 10-18 20 at (AM) (PM) Taken 10-19 20 at (AM) (PM) ressure Buildup: Shut in 10-18 20 at (AM) (PM) Taken 10-19 20 at (AM) (PM) ressure Buildup: Shut in 10-18 20 at (AM) (PM) Taken 10-19 20 at (AM) (PM) Taken 10-	уре Соп		ı (De				Type Flui									
## Pressure Taps Motor Run (Prover) Size Prosesure Started Prover			(Anc	udus / Tubi	na)			arbon Diovi	ide				Gae G	ravity -	<u> </u>	
ressure Buildup: Shut in 10-18 20 12 at 5:00 PM (AM) (PM) Taken 10-19 20 12 at 5:10 PM (AM) (PM) Taken 20 at	-		(Atti	iulus / Iubii	ng)		<i>7</i> 6 C	ZAIDON DIOXI	ue		76 Milliog	jen	Gas Gi	avily -	u _g	
Started 20 at (AM) (PM) Taken 20 at (AM) (PM)	ertical D	epth(H	1)		•			Pres	sure Taps				(Meter	Run) (F	rover) Size	
Company Comp	ressure	Buildur	p: 5	Shut in 10)-18	2	0 12 at 5	:00 PM	(AM) (PM)	Taken 10)-19	20	12 _{at} 5:10 F	M,	(AM) (PM)	
Static / Orifice Size Pyramic (State / Orifice Size (inches) Prover Pressure pesig (Pm) Prover Pressu																
Static / Ortflice Crock one: Meter Prover Pressure pelg (Pm) Internal Inte																
Size Prover Pressure Inches Prover Pressure psig (Pm) Inches H,0 Inch	Static /	Orific		Circle one	:	Pressure	Flowing	1	1		1 -		Duration of Shut			
FLOW STREAM ATTRIBUTES Flow Priess	Dynamic S		ize Prover Press		sure		Temperature	Temperature Wellh						, ,	{ '	
Flow STREAM ATTRIBUTES Plate Coefficient (F ₂) (F ₃) Prover Pressure pia (Cubic Feet) Prover Pressure pia (Mord) Prover Pressure (Mord) Prover Pressure (Mord) Prover Pressure (Mord) Prover Pressure pia (Mord) Prover Pressure Curve Sloppe = "r" n x LOG Prover Pressure Curve Sloppe = "r" n x LOG Prover Pressure Pia (P ₂) ² = (P ₃) ² = 0.207 Prover Pressure Curve Sloppe = "r" n x LOG Prover Pressure Curve Sloppe = "r" n x LOG Antilog Deliverability Equals R x Antilog (Mord) Prover Pressure Pia (P ₃) ² = 0.207 Prover Pressure Curve Sloppe = "r" n x LOG Prover Pressure Curve Sloppe = "r" n x LOG Antilog Deliverability Equals R x Antilog (Mord) Prover Pressure Pia (P ₃) ² = 0.207 Prover Pressure Pia (Mord) Proving R Action R R Metered Flow R Rector R Rector R Rector Rector Rector R Rector Rector Rector Rector Rector Rector Rector R Rector	· •	(1110111	psig (Pm))	Inches H ₂ 0	·			psia	psig	psia	04	 		
FLOW STREAM ATTRIBUTES Plate Coefficient Meter or Prover Pressure Psia Plate (P _c) (F _c) (100				24			
Plate Coefficient (F ₂)(F ₂) Meter or Prover Pressure Psia (P ₂) ² = : (P _w) ² = : (P _w) ² = : (P _w) ² = : (P _x) ²	Flow							ELOW STE	EAM ATTO	NDUTES	<u> </u>			<u> </u>		
Meter of Prover Pressure Extension Factor	Ploto			Circle one:		P								•	Flowing	
Company Position									Temperature				l l		Fluid	
CP2 = : (Pw)2 = : Pd = % (Pc-14.4) + 14.4 = : (Pd)2 = :	(F _b) (F _p) Mcfd					√ P _m ×h F				F _{pv}			1 ''		1 1	
Choose formula 1 or 2: (P _c)²- (P _a)² (P _a)²- (P _a)² (P _c)				•												
Choose formula 1 or 2: (P _c)²- (P _a)² (P _c)							(OPEN FL	OW) (DELIV	ERABILITY) CALCUL	ATIONS		(P _a)) ² = 0.7	207	
(P _c)²- (P _g)² or (Mctd)	_c) ² =	1	_:	(P _w) ²		<u> </u>			% (F	o - 14.4) +	14.4 =					
Or (P _c) ² - (P _d) ² 2. P _c ² - P _w ² Antilog Assigned Standard Stope P _c - P _w ² Assigned Standard Stope P _c - P _w ² Assigned Standard Stope P _c - P _w ² Assigned Standard Stope P _c - P _w ² Antilog Equals R x Antilog (Mcfd) P _c - P _w ² Assigned Standard Stope P _c - P _w ² Assigned Standard Stope 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 a facts stated therein, and that said report is true and correct. Executed this the 23RD day of OCTOBER Witness (if any) Witness (if any)	$(P_c)^2 \cdot (P_a)^2$		(P _c) ² - (P _w) ²				LOG of		1 2					1 ' 1		
Open Flow Mcfd @ 14.65 psia Deliverability 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 a facts stated therein, and that said report is true and correct. Executed this the	$(P_c)^2 - (P_d)^2$						1. or 2. and divide	p2_p2	As	signed	· " * '		Antilog	1	s 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 acts stated therein, and that said report is true and correct. Executed this the 23RD day of OCTOBER , 20 12 . Witness (if any)				· · · · · · · · · · · · · · · · · · ·	divide	ed by: P_c^2 - P_w^2	² by:		Stand	lard Slope			=.	-	(MCIG)	
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 facts stated therein, and that said report is true and correct. Executed this the 23RD day of OCTOBER , 20 12 . Witness (if any)		\dashv							1		-			-		
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 facts stated therein, and that said report is true and correct. Executed this the 23RD day of OCTOBER , 20 12 . Witness (if any)	pen Flov	L				Mcfd @ 14.	 65 psia		Deliverat	oility	<u> </u>	<u>.</u>	Mcfd @ 14.65 ps	l la		
Witness (if any) Witness (if any)	The u	ındersi	gned	authority,	on be	ehalf of the	Company, s	states that h	e is duly a	uthorized to	o make th				vledge of	
Witness (if any) Witness (if any) For Company	a facts st	ated th	nerei	n, and that	said r	report is true	and correc	t. Executed	this the 2	3RD	day of O	CTOBER		1	20 12	
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For Commission Checked by				Witness	(if any	")			-	HKG			отрапу		 	
				For Corr	mission	n			=	 	· · · · ·	Chec	ked by			

DEC 1 3 2012

	KCC WICHITA
	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator HERMAN L. LOEB, LLC
and that the foreg correct to the best of equipment insta I hereby reque	oing pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records llation and/or upon type of completion or upon use being made of the gas well herein named. The statement of the state
•	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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: <u>10-23-2012</u>	Signature: Mar Wall

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.