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Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Hamilton 70'E-C-NE/4 20 21S 41W	Type Tes	t:				(See Instruc	tions on Rev	erse Side)		•		
Company Coll Producers, Inc. of Kansas Lease Jantz Wei Number Company Leastion Type County Leastion Type County Leastion Type RNG (EW) Across Attributed Across Across Attributed Across Attributed Across Attributed Across Attributed Across Attributed Across Attributed Across Across Attributed Across Attributed Across Attributed Acros	☐ Op	en Flow	t			T . D				4.00	N= 45			
County Location 70°E-C-NE/4 20 21S 41W Acros Attributed Hamilton 70°E-C-NE/4 20 21S 41W Acros Attributed Hamilton 70°E-C-NE/4 20 21S 41W Acros Attributed Acros Attributed 20 21S 41W Acros Attributed Competition Date Winfield Competition Date Date Date Date Date Date Date Date	De	eliverabi	ty									8- 0000		
Hamilton 70E-C-NE/4 20 21S 41W First Part Claim State Plug Back Total Depth Oneok Field Services Completion Date Plug Back Total Depth Packer Set at none Plug Back Total Depth Packer Set at none 2899 2756 2768 14.5 Internal Diameter Set at Perforations To 2768 2884 Perforations To 2768 2875 2766 2768 Tubing Size Weight Internal Diameter Set at Perforations To 2899 2766 2768 Tubing Size Weight Internal Diameter Set at Perforations To 2812 Type Completion (Describe) Type Fluid Production Pump Unit or Traveling Plunger? Yes / No yes-pump unit Production Single SW Yes-pump unit Production Sw Yes-pump unit Production Sw Yes-pump unit Production State Only Production State Property (close) Well Hamilton To Claim State Only Production State Only Production State Property (close) Prossure Buildup: Shut in 1/108 20 14 at 11:15 am (AM) (PM) Taken 1/109 20 14 at 11:15 am (AM) (PM) Taken 20 20 20 20 20 20 20 20 20 20 20 20 20			s,Inc. of K	Cansa	ıs		_						Well Nu	ımber
Production Date Programme Production Programme Programme Production Programme Programme Programme Programme Programme Programme Programme Programme Programme Production Programme Production Programme Production Programme Production Programme Production Programme Programme Production Programme Production Programme Programme Production Programme Production Productio	County Hamilto	on				-					(W)		Acres /	Attributed
State Personations State Personations To 2756 2768	Field Brade	hav	Gas A	reg										
Production Pro	•			·			k Total Dept	th			Set at			
2.375 Type Completion (Describe) Type Fluid Production SW Yes-pump Unit or Traveling Plunger? Yes / No yes-pump Unit Producing Trun (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - G, annulus Vertical Depth(H) Pressure Buildup: Shut in 1/08 20 14 at 11:15 am (AM) (PM) Taken 1/09 Pressure Buildup: Shut in 1/08 20 at (AM) (PM) Taken 1/09 20 at (AM) (PM) Taken 20 214 at 11:15 am (AM) (PM) Well on Line: Statzed Statzed Colfice Supplied Pressure Take Pressure Pressu	Casing S	lize	W	eight		internal (Diameter							
Single SW yes-pump unit Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - G, annulus Vortical Depth(H) Pressure Taps (Metor Fun) (Prover) Size Pressure Bulidup: Shut in 1/08 20 14 at 11:15 am (AM) (PM) Taken 1/09 20 14 at 11:15 am (AM) (PM) Well on Line: Started 20 at (AM) (PM) Taken 1/09 20 at (AM) (PM) Well on Line: Started 20 at (AM) (PM) Taken 1/09 20 at (AM) (PM) OBSERVED SURFACE DATA OBSERVED SURFAC	Tubing S 2.375	ize	w	eight		Internal [Diameter			Perfo	rations	То		
Pressure Taps Weller Flun (Prover) Size	Type Cor single	npletion	(Describe)				d Production	1			_	Plunger? Yes	/ No	-
Vertical Depth(H) Pressure Taps (Moter Run) (Prover) Size	Producing	g Thru	Annulus / Ti	ubing)		% C	arbon Dioxi	de		% Nitrog	en	Gas Gr	avity - (G ₀
Pressure Buildup: Shut in 1/08 20 14 at 11:15 am (AM) (PM) Taken 1/09 20 14 at 11:15 am (AM) (PM) Well on Line: Started 20 at (AM) (PM) Taken 20 at (AM) (PM) Static / Orifice Size Meter Pressure Property (Inches) Pressure Pressure Property (Inches) Pressure Property (Inches) Pressure Property (Inches) Pressure Property Property Pressure Property Prop														
Well on Line: Started	Vertical D	Depth(H)	_				Pres	sure Taps				(Meter I	Run) (P 	rover) Size
State / Orifice Dynamic Size Property (Inches) Shut-In Plate Coefficient Dynamic Size Property Prover Pressure Popular Inches H_2D Deferential	Pressure	Buildup	: Shut in _	1/08	2	0_14_at_1	1:15 am	(AM) (PM)	Taken1/	09	20	14 at 11:15	am	(AM) (PM)
Static Dynamic Size of Prover Prassure Property (Inches) Prover Prassure Popular (Inches) Prover Prassure Prover Prassure Popil (Pm) Prover Prassure Prover Prassure Popil (Pm) Prover Prassure Prover Prover Prover Prassure Prover Prover Prassure Prover Prover Prassure Prover Prover Prover Prover Prassure Prover Prover Prover Prover Prassure Prover Prover Prover Prassure Prover Prover Prover Prover Prover Prassure Prover Prover Prover Prover Prassure Prover Prover Prover Prassure Prover Prassure Prover Prover Prover Prover Prover Prover Prover Prover Prassure Prover P	Well on L	ine:	Started _	_	2	0 at		(AM) (PM)	Taken		20	at	((AM) (PM)
Flowing Flow		Υ					OBSERVE	D SURFACE	DATA	T		Duration of Shut-	in_24	Hours
FLOW STREAM ATTRIBUTES Flow Prover Pressure	Dynamic	Orifice Meter Differentia		Differential in	Temperature Temperature		Wellhead Pressure (P,) or (P,) or (P,)		Tubing Wellhead Pressure $(P_w) \text{ or } (P_t) \text{ or } (P_c)$		Duration	Liqui	d Produced	
FLOW STREAM ATTRIBUTES Plate Coefficient (F _a) (F _c) Mcfd Press Extension (F _a) (F _c) Mcfd Pross Extension (F _a) (F _c) Mcfd Coefficient (F _a) (F _c) Mcfd Prover Pressure psia Coefficient (F _a) (F _c) Factor F _{actor} Antilog Copen Flow Deliverability Deliverability F _{actor} Mcfd @ 14.65 psia Deliverability Factor Mactor Mcfd @ 14.65 psia Deliverability Factor Mcfd @ 1	Shut-In		psig (riij	inches H ₂ U					psig	_ psia	24	-	
Plate Coefficient Motor or Prover Pressure Extension Pactor F _a (Cubic Feet Part) Factor F _a (Cubic Feet Part) F _a (Modd) F _a (Cubic Feet Part) F _a (Modd) F _a (Cubic Feet Part) F _a (Cubic Feet Part) F _a (Cubic Feet Part) F _a (P _a) ² = (P _a) ²	Flow													
Coefficient (F _p)(F _p) Modd Coefficient (F _p)(F _p) Factor Fa							FLOW STR	EAM ATTRI	BUTES					
(P _c) ² = : (P _w) ² = : P _d = % (P _c - 14.4) + 14.4 = : (P _d) ² =	Coeffied (F _b) (F	ient p)	Meter or Prover Pressu	ıre	Extension	Fact	tor 1	emperature Factor	Fa	ctor	R	(Cubic Fe	et/ 	Fluid Gravity
(P _c) ² = : (P _w) ² = : P _d = % (P _c - 14.4) + 14.4 = : (P _d) ² =														
(P _c)²- (P _a)² (P _c	/P \2 =		· /P	12 =		•	, ,	•			•			07
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 to the facts stated therein, and that said report is true and correct to the facts stated therein, and that said report is true and correct to the facts stated therein, and that said report is true and correct to the facts stated therein, and that said report is true and correct to the facts stated therein, and that said report is true and correct to the facts stated therein, and that said report is true and correct to the facts stated therein, and that said report is true and correct to the facts stated therein, and that said report is true and correct to the facts stated therein, and that said report is true and correct to the facts stated therein, and that said report is true and correct to the facts stated therein, and that said report is true and correct to the facts stated therein, and that said report is true and correct to the facts of the facts stated therein, and that said report is true and correct to the facts of th	(P _c)²- (I	P _a) ²		Cha	1. P _c ² · P _a ² 2. P _c ² · P _d ²	LOG of formula 1. or 2. and divide		Backpress Slope	sure Curve == "n" or	n x	LOG		Or Del Equals	iverability R x Antilog
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witness (if any) Note: The facts stated therein, and that said report is true and correct to the facts stated therein, and that said report is true and correct to the facts stated therein, and that said report is true and correct to the facts stated therein, and that said report is true and correct to the facts stated therein, and that said report is true and correct to the facts stated therein, and that said report is true and correct to the facts stated therein, and that said report is true and correct to the facts stated therein, and that said report is true and correct to the facts stated therein, and that said report is true and correct to the facts stated therein, and that said report is true and correct to the facts stated therein, and that said report is true and correct to the facts of the												-		 _
Witness (if any) RECEIVED Leim, INC. For Company				•				•		//	•	rt and that he ha		_
										My	Elle	company		-
							REC	EIVED-		em,	INC.			

	alty of perjury under the laws of the state of Kansas e K.A.R. 82-3-304 on behalf of the operator Oil Produc	
and that the foregoing correct to the best of m of equipment installation	pressure information and statements contained on the knowledge and belief based upon available production and/or upon type of completion or upon use being ma	is application form are true and on summaries and lease records de of the gas well herein named.
r nereby request a gas well on the ground	ne-year exemption from open flow testing for the <u>Jan</u> that said well:	
is c is a is o √ is no	coalbed methane producer cled on plunger lift due to water source of natural gas for injection into an oil reservoir of vacuum at the present time; KCC approval Docket No t capable of producing at a daily rate in excess of 250 apply to the best of my ability any and all supporting de proborate this claim for exemption from testing.)) mcf/D
Date: <u>1/09/14</u>		
	VICHITA 5 2014 Signature:	1
JUN (Signature:	· · · · · · · · · · · · · · · · · · ·
	Title: 6.0.0.	-

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.