KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:			(See Instru	ictions on R	everse Sid	9)						
_ :	en Flow liverabilty			Test Date 12/1/20					l No. 15 -057-20576-0	00-00				
Company Ritchie E	/ Exploration	on, Inc.				Lease Bonnie	e Carson				₩ ‡1	ell Number		
County Ford		Loca W2-N		Section 17		TWP 27S		RNG (E 23W	(W)		Ac	cres Attributed		
Field				Reservoi: Morrow		ississippiar	n		thering Conn or Pipeline	ection				
Completion 03/18/20				Plug Bac 5042	k Total De	pth		Packer						
Casing S 5.50	ize	Weig 15.5		Internal D	Diameter	Set 507		Perfo	orations		- 898			
Tubing Size Weight 2,875 6,4			····	Internal Diameter Set at			Perforations			o o				
Type Con	npletion (I	Describe)			d Producti		••	Pump U	nit or Traveling	Plunger?	Yes /	No		
Work Over Gás Producing Thru (Annulus / Tubing) Tubing					% Carbon Dloxide				% Nitrogen 19.832			Gas Gravity - G _g		
Vertical E 1915	epth(H)			.,,,,	Pressure Taps Flange				(M			ın) (Prover) Size		
	Buildun:	Shut in 11	/30 _	20 16 at 9			\ Taken		-20		3.068	(AM) (PM)		
Well on L	ine:	Started 12	/1 ,	, 16 _{at} 9	MA no-							(AM) (PM)		
	3 - 4	•			· · ·	· · ·	•	· <u> </u>						
Static / Dynamic	Orifice Size	Circle one: Meter Prover Press	Pressure Differential	Pressure Differential In Temperature		Casing Wellhead Pressure (P _w) or (P _r) or (P _c)		Tubing Wellhead Pressure (P _x) or (P _x) or (P _x)		:Duration o	on .	Liquid Produced (Barrels)		
Property	(inches)	psig (Pm)	1	, t	t	psig	psia	psig	psla					
Shut-In				 		200	220	75	80					
Flow			<u> </u>				<u> </u>							
Plate Coeffiec (F _b) (F Mcfd	ient	Circle one: Meter or rover Pressure psia	Press Extension	Extension Fact		Flowing Temperature Factor Fit	Temperature Fa		viation Metered Flow actor R		GOR ubic Feet/ Barrel)	Flowing Fluid Gravity G _m		
°)2 ==	:	(P _w)² :	= ;	(OPEN FLO	OW) (DELI	VERABILIT	Y) CALCUL (P _c - 14.4) +		:		(P _a) ² = (P _d) ² =	0.207		
(P _c) ² - (F		(P _c) ² - (P _w) ² 1. P 2. P divided by		ula 1 or 2: . P 2 LOG of formula . P 2 1. or 2. d and divide p 2.		Backpressure C Slope = "n" or Assigned Standard Slop		n x LOG		Antijog		Open Flow Deliverability Equals R x Antilog (Mcfd)		
										•	-			
Open Flo	L w		Mcfd @ 14	.65 psia		 Delivera	bility		· · ·	 Mcfd @ 14.	.65 psia			
•		ed authority, o		1	tates that			o make th	•		•	knowledge of (
			aid report is tru			_		day of N				, 2017 Received		
		Witness	(il any)				4	4	For o	company		MATO 2 0 2		
		For Corns	miselon					1		ked by		ON0		
		i oi coim	IIIJJIOII					1	4 Chec	.keu by	L.	ONS _{e ver} ion DN Propertaliks		

exempt status und and that the foreg correct to the best of equipment insta	er Rule K.A.R. 82-3-304 or oing pressure information of my knowledge and beli	n behalf of the op n and statement ief based upon a f completion or u	erator Ritchie Expl s contained on this vailable production oon use being made	application form are true and summaries and lease records of the gas well herein named.
	ounds that said well:			
(Check	one) is a coalbed methane pro is cycled on plunger lift d is a source of natural gas is on vacuum at the prese is not capable of produci	lue to water s for injection into ent time; KCC ap	proval Docket No	
_	to supply to the best of m to corroborate this claim	• •		cuments deemed by Commissio
Date: 3/16/2017				
	S	ignature:	uction Manager	Received KANSAS CORPORATION COMMI MAR 2 0 2017

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.