KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	it:				(See Insti	ruct	ions on Re	verse Side	e)					
Open Flow															
Deliverabilty					Test Date 10-22-2				API No. 15 057-20623-00-00						
Company Ritchie Exploration, Inc.					Lease Ford Cattle Un				attle Unit		#1	Well Number #1			
County Location Ford 57' N & 158' E of W/2 SE/4				Section 32			TWP 27		RNG (E/V 22W	V)		Acres Attributed 640			
Field Lamb North				Reservoir Mississi					Gas Gathering Connecti Superior Pipeline		ection				
Completion Date 06-29-10				Plug Back 5057'	k Total D	ept	h		Packer Set at						
Casing Size Weight 4.50" 10.5#				Internal Diameter 4.052"			Set at 5149'		Perforations 4991'		то 5012	то 5012'			
Tubing Size Weight 2.375" 4.7#			Internal Diameter 1.995"			Set at 5020'		Perforations		То	То				
Type Cor New	mpletion	(Describe)			Type Fluid 0.05 ba			er per da	 у	Pump Unit Yes	or Traveling	Plunger? Yes	s / No		
Producing	g Thru	(Annulus / Tub	ing)		% C	arbon Di	ioxio	de		% Nitroge	n	Gas G	Gas Gravity - G		
	Annulus				0.053					9.389			0.657		
Vertical Depth(H) 5152'				Pressure Taps Flange							(Meter 3.06	, ,	Prover) Size		
Pressure Buildup:		: Shut in1	Shut in		15 at 10:00 AM			(AM) (PM)	Taken	20		at	at (AM) (
		Started 10	Started			15 at 10:00 AM			(AM) (PM) Taken		20		(AM) (PM)		
						OBSER	VE	SURFAC	E DATA			Duration of Shu	t-in	Hours	
Static / Orifice Dynamic Size		Meter Prover Pres	Differen	tiat	Flowing Temperature			Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _r)		Duration (Hours)		Liquid Produced (Barrels)	
Property	(inche	s) psig (Pn	n) Inches	120	t	t		psig psia		psig psia					
Shut-In	<u> </u>		_					180	189	40	42	24			
Flow															
				_		FLOW S	TR	EAM ATTR	IBUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia	Extensi	Press Extension		ty ¹ or 1 Te		emperature Fa		wiation Metered Flow actor R F _{pv} (Mctd)		w GOF (Cubic F Barre	eet/	Flowing Fluid Gravity G _m	
						<u> </u>									
/D \2		. (D.)		. ((OPEN FLO	, ,			•			,) ² = 0.5	207	
(P _c) ² =		.: (P _w) ²	Chaose formula	1 or 2:	P _d =.		<u>_</u> "		c - 14.4) +		 :	(P,	₃) ² =	 -	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²	2. P _c ² -F	1. P _c ² - P _a ² 2. P _c ² - P _d ² ided by: P _d ² - P _w ²		LOG of formula 1. or 2. and divide by:		Backpressure Curve Stope = "n" or		n x LOG		Antilog D		pen Flow diverability s R x Antilog (Mcfd)	
<u></u>													 		
Open Flor			Mcfd @	14.6	j 5 psia	,		Deliverab	ility			Mcfd @ 14.65 p	 sia		
		nod authority				lates the	+ ha			o mako tho		ort and that he h		uladaa of	
		erein, and that				1				day of No	•	iri and that he r		20 <u>15</u> .	
		Witness	s (if any)			? \∧/!	CI	HITA	Ritch	Maja	Mo	Matiun.	لل	^C	
			nmission			V 16				1	1	cked by			
						RECE									
					1		., i V								

	penalty of perjury under the laws of the state of Kansas that I am authorized to request Rule K.A.R. 82-3-304 on behalf of the operator Ritchie Exploration, Inc.
	g pressure information and statements contained on this application form are true and
•	my knowledge and belief based upon available production summaries and lease records
• •	ion and/or upon type of completion or upon use being made of the gas well herein named.
	a one-year exemption from open flow testing for the Ford Cattle Unit #1
gas well on the groun	ds that said well:
(Check one	
	a coalbed methane producer
	cycled on plunger lift due to water
=	a source of natural gas for injection into an oil reservoir undergoing ER
	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
_	supply to the best of my ability any and all supporting documents deemed by Commission corroborate this claim for exemption from testing.
Date: 11-11-2015	
•	CC WICHITA Signature: NOV 1 6 2015 Title: Production/Development Geologist RECEIVED
	ا المحل محمد المحمد الم
	1 1

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.