SIP TEST.

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Open Flow Deliverabilty				Test Date: API No. 15 11-12-13 15-119-21306-00-00								
Company O'BRIEN		RGY RESOU	RCES CORP.	Lease SINGLEY WEST					Well Number 4-29			
County Location MEAD W/2 E/2 NE SW				Section 29		TWP 33S		RNG (E/W) 29W		Acres Attributed		ttributed
Field VV/2 E/2 NE SVV				Reservoir ST. LOUIS			(hering Conn IDSTREAM			
Completion Date					k Total Dept	h	Packer Set at 6195					
	asing Size Weight			Internal E 4.090	Diameter	Set at 6382		Perforations 6233-6239		то 6259-6269		
	bing Size Weight			Internal D	Diameter	Set at		Perforations		То		
iype Completion (Describe)					d Production				nit or Traveling	ng Plunger? Yes / No		
roducing Thru (Annulus / Tubing) NNULUS					arbon Dioxi	de	% Nitrogen 7.286		Gas Gravity - G .695			
Pertical Depth(H)					Press FLA	sure Taps	· · · · · · · · · · · · · · · · · · ·			(Meter Run) (Prover) Size 3.068"		
	ressure Buildup: Shut in 11-11-13								20	0930		
Vell on L	.ine:	Started								at	(AM) (PM)
					OBSERVE	D SURFACE	DATA	,	·	Duration of Shut-	in 24.) _{Ho}
Static / Orif lynamic Siz Property (inch		Prover Pres	Differential sure in	Flowing Temperature †	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Wellhe	Tubing ad Pressure (P ₁) or (P _c)	Duration (Hours)	(Hours) (Barrels)	
Shut-In							174.6	poig	psid	24.0		
Flow												
Plate		Circle one	Brees			Flowing	T		,			Flowing
Coeffied (F _b) (F	eient	Meter or Extension Prover Pressure psia Press Extension Pmx h		Gravity Factor F		emperature Factor	Factor F		Metered Flor R (Mcfd)	GOR (Cubic Feet/ Barrel)		Fluid Gravity G,,
					•							
o _c)² =		_: (P _*)²	=:	(OPEN FLO	. ,	ERABILITY) % (P			· · · · · · · · · · · · · · · · · · ·	(P _a) (P _d)	² = 0.20)7
(P _e) ² - (I	1	0.03.0		LOG of formuta 1. or 2. and divide p 2 p 2		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equats R x Antilo (Mcfd)	
				,								
Open Flo	Flow Mcfd @ 1		.65 psia		Deliverability				Mcfd @ 14.65 ps	ia		
										ort and that he ha	as knowi	edge of
1			said report is true		t. Executed	this the 12	_					20
Cop	oy	Wilness	CW/Eh.	ra	NCC DEC	v	Pre	C151 	an Wil	selvo 4 Sompany Br	185 Sel	ray ()
	energies is an iPA of the local		nmission		UEL	20 2013) 		ran	9/1	u-	<i></i>

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator O'BRIEN ENERGY REOURCES CORP and that 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 equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the SINGLEY WEST 4-29 gas well on the grounds that said well:
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 I further agree to supply to the best of my ability any and all supporting documents deemed by Commission
Date: 12/6/13 Signature: Title:
ine

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.