Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

SIP	TC 54	. (ONE F	РОІМТ S .	TABILIZ	ED O PE	N FLO	w or I	DELIV	ERABILIT	Y TEST			
Type Tes					(See Instruct	ions on Re	verse Side	∌)					
C	en Flov eliverabi				Test Date 10-28-1					No. 15 -119-21306-	00-00			
Company O'BRIEN		RGY RE	SOURC	ES CORP.			Lease SINGL	EY WEST	<u> </u>		4-2	29	Number	
County MEAD		1	Locatio N/2 E/2		Section 29			TWP 33S		RNG (E/W) 29W		RACES Attributed RANSAS CORPORATION COMMISSION Dection NOV 2		
Field				Reservoi ST. LOU		n i i i i i i i i ini i i i i i i i i i			thering Conn	יייי	V / 4	2047		
Completi 3-16-12)				k Total Dept			Packer Set at 6195		CONSERVATION DIVISION WICHITA, KS		IVISION	
Casing Size 4.5			Weight 10.5		Internal (4.090	Internal Diameter 4.090		Set at 6382		Perforations 6233-6239		то 6259-6269		
Tubing Size 2.375		Weight 4.7		Internal [1.995	Internal Diameter 1.995		Set at 6199		Perforations			management (gardenine app) and (
Type Completion (Desc SINGLE GAS			:cribe)		• • •	Type Fluid Production WATER/OIL		Pump Unit or Traveli YES-PUMP			ng Plunger? Yes / No			
Producing Thru (Annulus / Tubing) ANNULUS			% Carbon Dioxi			J			Gas Gravity - G _a .695					
Vertical C		 -			0.108	Press	sure Taps		7.286	<u> </u>			(Prover) Size	
6251		,				FLAN	•					068"	(, , , , , , , , , , , , , , , , , , ,	
Pressure	Buildur	o: Shut	in 10-2	7-142	20at_0	930	(AM) (PM)	Taken_10	0-28-14	20	at_093	30	(AM) (PM)	
Well on l	Line:	Starte	ed	<u></u>	0 at		(AM) (PM)	Taken		20				
						OBSERVE	D SURFAC	E DATA			Duration of S	Shut-in	24.0 Hour	
Static / Dynamic Property	Dynamic Size		irde one: Meler er Pressuri sig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)	Li	Liquid Produced (Barrels)	
Shul-In							141.8	156.2			24.0			
Flow	ļ ,,				<u> </u>			<u></u>	<u> </u>					
						FLOW STR	EAM ATTE	RIBUTES						
Plate Coeffictient (F _b) (F _p) Mefd		Cucle one: Meter or Prover Pressure psia		Press Extension P _m xh	Grav Fac	tor	Flowing Femperature Factor F _{II}	Fa	viation actor F _{pv}	Metered Flo R (Mcfd)	(Cub	GOR ilc Feet/ arrel)	Flowing Fluid Gravity G _m	
<u></u>					<u> </u>					<u></u>	L	_	<u> </u>	
(P _c) ² =		_:	(P _w) ² =	nois seems to manual more		OW) (DELIV		•		a)d dhahaandanaana		(P _a)² = (P _d)² =	0.207	
(P _c) ² - (P _d) ² or (P _c) ² - (P _d) ²		(P _c) ² - (P _w) ²		noose formula 1 or 2 1. $P_c^2 - P_s^2$ 2. $P_c^2 \cdot P_d^2$ vided by: $P_c^2 - P_w$	LOG of formula 1, or 2, and divide	P. 2 - P. 2	Backpressure Curv Slope = "n" or Assigned Standard Slope		n x 1 OG		Antilog	i.	Open Flow Defiverability Equals R x Antilog (Mcfd)	
								_						
Open Flow Mcfd @ 14.			.65 psia		Deliverability				Mcfd @ 14.6	Mcfd @ 14.65 psia				
The	undersi	oned aut	hority on		 	states that h	e is duly a	uthorized	to make t	he above rep	ort and that h	e has kn	nowledge of	
				d report is tru	· ·		-						20 14	
a	opy			C Wi						on Wi.	Company Company	472	Stry	
			For Commis	sslon		***				Chi	cked by		J	

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. Thereby 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 staff as necessary to corroborate this claim for exemption from testing.
Date: 11/20/14
Signature: Title: Les l

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.