KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:	-	-	(See Instruct	ions on Re	everse Side	e)			,	
Open Flow Deliverabilty			Test Date: 10-14-15			API No. 15 15-119-21309-00-00						
Company O'BRIEN ENERGY RESOURCES CORP.				Lease CROOKED CRE			EK OFF	SET	4-8	Well Number		
County Location MEAD SW NE NE SE		Section 8		TWP 33S	•		W)		Acres Attributed			
Field	,			Reservai MORRO					thering Conr	nection		
Completion Date 4-18-12			Plug Bac 6323	k Total Dept	h	Packer Set at NONE						
Casing S 4.5	asing Size Weight 5 10.5		Internal Diameter 4.090		Set at 6313		Perfo	rations 9	To 5797			
Tubing S	ubing Size Weight		Internal Diameter		Set at Perfe		rations	То				
Type Cor SINGLE	mpletion (D E GAS	escribe)		Type Flui WATE	d Production	1		Pump U NO	nit or Travelin	g Plunger? Yes	/ No	
Producing Thru (Annulus / Tubing) TUBING			% C	arbon Dioxi	de	% Nitrogen 5,921		jen	Gas G 0.682	ravity - G _g		
Vertical Depth(H) 5783			Pressure Taps FLANGE					(Meter 3.068	Run) (Prover) Size			
Pressure	Buildup:	Shut in 10-	13-15	0 at _1	000	(AM) (PM)	Taken_10	D-14-15	20	at 1000	(AM) (PM)	
Well on L	.ine:	Started	20	D at		(AM) (PM)	Taken	· · · · · · · · ·	20	at	(AM) (PM)	
	-				OBSERVE	D SURFAC	E DATA			Duration of Shut	-in_24.0 Hou	
Static / Orifice Dynamic Size Property (inches)		Circle one: Pressure Meter Differentia Prover Pressure in psig (Pm) Inches H ₂		Flowing Temperature t t		I Wallhaad Proceura		Tubing Wellhead Pressure (P_w) or (P_f) or (P_c) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In						518.3	532.7	519.6	534.0	24.0		
Flow												
				·	FLOW STR	EAM ATTE	RIBUTES					
Plate Coeffiec (F _b) (F Mcfd	ient p) Pro	Circle one: Meter or Prover Pressure psia Press Extension ✓ P _m x h		Gravity Factor F _g		emperature Fa		viation Metered Flor actor R F _{pv} (Mcfd)		w GOR (Cubic Fe Barrel)	1 (Gravitu	
(P _c) ² =		(P _w) ² =	:	(OPEN FLO	OW) (DELIV		/) CALCUL P _c - 14.4) +		:) ² = 0.207	
(P _c) ² - (1 or (P _c) ² - (1		P _c)² - (P _w)²	Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1, or 2, and divide p2.p2		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilo (Mcfd)	
Open Flo	Flow Mcfrd @ 14.65			55 psia	psia Deliverability				Mcfd @ 14.65 psia			
The	undersigne	d authority, or	n behalf of the	Company, s	states that h	e is duly a	uthorized t		ne above rep	ort and that he ha	as knowledge of	

the facts stated therein, and that said report is true and correct. Executed this the 14

For Commission

RECEIVED

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 RESOURCES COME 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 CROOKED CREEK 4-8 gas well on the grounds that said well:
(Check one) 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:
Signature:

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.