KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	l:						(See Ins	struct	ions on Rev	erse Side)						
√. Open Flow					Test D	ate:				AP	l No. 15						
; } De	liverat	ilty				12-23						119-21309-	00-00				
Company O'BRIEN	N ENE	RG	Y RESOU	RCE	S CORP.				Lease CROOK	ED CRE	EK OFF	SET		4-8	Well Nu	mber	
County Location MEAD SW NE NE SE					Section 8	Section 8			TWP RNG (E/W) 33S 29W				Acres Attributed				
Field						Reservoir MORROW			Gas Gathering Conne				AND THE STATE OF T	edurium is			
						Plug Back Total Depth 6323			Packer Set at NONE								
Casing Size Weight					Internal Diameter 4.090				Perio	orations 9	++++	то 5797					
				Interna	Internal Diameter 1.995					rations		То					
ACCOUNTS OF THE PROPERTY OF TH					Type F	Type Fluid Production WATER/OIL			5739 Pump Unit or Traveling NO			g Plunger? Yes / No					
Producing Thru (Annulus / Tubing)						% Carbon Dioxide						Gas Gravity - G					
TUBING					0.138	0.138			5.921			0.682					
Vertical Depth(H) 5783								sure Taps NGE	·				(Meter Run) (Prover) Size 3.068"				
					0 st				AM) (PM) Taken 12-22-1) ;			· ~ 'AM) /PM)		
									AM) (PM) Taken 12-23-1								
-					 -		OBSE	RVE	D SURFACE	DATA	<u> </u>		Durat	ion of Shut-	72.	0 Hours	
Static / Orific		l Motor			Pressure Offerential		Flowing Well Hea		ad Casing		Wellhe	Tubing ead Pressure or (P ₁) or (P ₂)	(Duration (Hours)		Liquid Produced (Barrels)	
Property	(inches)		psig (Pm)		Inches H ₂ 0	1	1 1		psig	psia psig		psia psia		1		(300.0)	
Shut-In									544.6	559.0	545.3			72.0			
Flow	Flow 1.000 53.7		84.5	72		75 425.		440.3 187.8		202.2 2		24.0					
							FLOW	STR	EAM ATTRI	BUTES						Γ	
Plate Coefficcient (F _p) (F _p) Mold		Gircle ane: Meter or Prover Pressure psia			Press Extension		Gravity Factor F		Flowing emperature Factor F _{II}	Deviation Factor F _{pv}		Metered Flo Fl (Mc(d)	w	GOR (Cubic Feet Barrel)		Flowing Fluid Gravily G _m	
4.9116		68	68.10		5.86	1.21	1.2109 0.		9887 1.0059		9	448.7		NONE		0.682	
(P _c) ² = 3	12.5		/P \2	_ 1	93.9		LOW) (D.		ERABILITY)	CALCUL, - 14.4) +		559.0			= 0.2	07	
		<u></u> -		Gno	ose formula 1 or 2.			<u>-'</u>	T	sure Curve	17.7	l. ,1		(1-0)	'= 		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _e) ² - (P _w) ²		;	1, P _c ²-P _c ² 2, P _c ²-P _c ² 1ed by: P _c ²-P _c ²	formul 1, or 2 and divi	LOG of formula 1, or 2, and divide by:		Stope = "n" or Assigned Standard Stope		n x LOG			Antilog De		oen Flow Iverability . R x Antilog (Mcfd)	
											<u> </u>					***************************************	
312.27			<u>-</u>		633	0.42	04		0.645		0.2	0.2712		8670 837.71		71	
Open Flo	w 83	8	<u> </u>		Mcfd @ 14.	65 psia			Deliverabil	lity			Mofd	@ 14.65 psi	a		
											-	ne above repo ECEMBER		that he ha			
1					report is true	and corr	ect. Exec	uted Re	this the 23 ceived	(Juy 01				؛ . سست	20 14 .	
	py	40	Wilness	7 - (if any	Wichi	ta_	KANSAS C	ORPO	RATION COMM 0 2 2015	PPEC	(ડ <u>ાં છે</u>	n Wir Meuche	ell Company	ne 4	Tei	sting	
	· Manager Committee		ForCon	nmissio	on .		CUNS	⊢ Κ:Αν. 	TION DIVISIO	N		Wew Che	cked by	110	ur		
							,		HAKS	11			,				

1	
	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
	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:
1	Title:

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 gast well continues to meet the eligibility criterion or until the claim of eligibility for exemption IS denied.

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.