KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instru	ctions on Re	verse Side)				
Х Ор	en Flo	w	•.		T4 D-4-	_			4.01	N- 45			
De	liverab	ilty	;		Test Date 03/06/20					No. 15 3-01000-00-0)1		
Company Empire E		уЕ	& P LLC				Lease Bryant			<u> </u>	2	Well Nu	mber
County Comanche			Locati SW SV		Section 32		TWP 33			W)		Acres Attributed	
Field Beals			,		Reservoir Stottler	 Г				hering Conne Energy E &			
Completion Date 6/18/1984					Plug Bac 3350	k Total De	pth		Packer Set at None				 -
Casing Size 4.5			Weigh 10.5	t	Internal Diameter 4.052		Set at 3789		Perforations 3333		то 3341		
Tubing Size 2.375			Weigh	t	Internal Diamete 1.995		Set at 3336		Perforations N/A		To N/A	To N/A	
Type Completion (I Single		n (D	Describe)		Type Fluid Production Dry Gas					Pump Unit or Traveling Pl			
	g Thru	(An	nulus / Tubin	3)		arbon Dio	xide		% Nitrog	 en	Gas Gr	avity - (∋ _g
Vertical D	epth(F	1)				Pre	essure Taps				(Meter	Run) (P	rover) Size
Pressure	Buildu	ın:	Shut in 03/	05	0.15 _{at} 8	:00	AM)(PM)	Taken 03	3/06		15 at 8:00		AM) (PM)
Well on Line:			Started 20										
						OBSERV	ED SURFACI	E DATA			Duration of Shut-	_{in_2}	4 Hours
Static / Dynamic	Orifi Siz	:e	Circle one: Meter Prover Pressi	Pressure Differential	Flowing Temperature	1 '	Wellhead	Casing Tubing head Pressure Wellhead Pressure Duration (P_1) or (P_2) (P_w) or (P_1) or (P_c) (Hours)		Liquid Produced (Barrels)			
Property Shut-In	(inch	ies)	psig (Pm)	Inches H ₂ 0	t	t	psig		psig 20			ļ .	<u> </u>
Flow									20	-			
					l .	FLOW ST	REAM ATTR	IBUTES	l				
Coeffiect	Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or over Pressure psia	Press Extension	Grav Fac	tor	Flowing Temperature Factor F ₁₁	Fa	iation ctor	Metered Flov R (Mcfd)	v GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m
- Incid	'					-	'''						
47.10	'				•		IVERABILITY	-			-) ² = 0.2	07
(P _c) ² =		_;	(P _w) ² =	Choose formula 1 or 2	P _d =		. 1	2 _c - 14.4) +		 ::	(P _d)	ſ	
(P _c) ² - (F or (P _c) ² - (F	•	(F	P _c) ² - (P _w) ²	1. P _c ² -P _a ² 2. P _c ² -P _d ²	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Šlop As:	ssure Curve De = "n" - Or signed	пх	LOG	Antilog	Del Equals	oen Flow iverability R x Antilog (Mcfd)
-				divided by: $P_c^2 - P_w^2$	by:		otang.	ard Slope					
Open Flor				Mcfd @ 14.	_		Deliverab	-			Mcfd @ 14.65 ps		
		-	•	n behalf of the aid report is true	,		•		o make the day of	-	rt and that he ha		ledge of 20 <u>15</u> .
			,	· wpcutt to the		Receive		Red	hml	av. Inc	er	'	
			Witness (fany)	AP	Rog	2015	,		For C	Company		
			For Comm	nission	CONSE	RVATION D. VICHITA, KS	IVISION			Chec	cked by		

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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 Empire Energy E & P LLC 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 Bryant #2
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: 03/31/2015
Received KANSAS CORPORATION COMMISSION Signature: Author W. Jucy APR 0 9 2015 Title: District Manager
CONSERVATION DIVISION WICHITA, KS

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.