KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	:			('See Instru	ctions on Rev	erse Side)				
□ Ор	en Flow			Test Date	. ia	/1/2/2	المده	ADI	No 15 -146	-20,625-	4440	
Del	liverabilty			rest Date	. 107	(0) 2.	.	AFI	140: 10 - 14 2	- ZV,625 -	3545	
Company	Exc	. 7	1100		•	Lease	h . n -				Well Number	
Carrati	tre		<u> </u>	Castian			hers	DNO (E.A	a	· · · · · ·		
County	110	Locatio	1)11.1 1 FC	Section		TWP 2).S		RNG (E			Acres Attributed	
Field	<u> </u>	C OW	~µ, ~c	Reservoir	,	<u> </u>			nering Conne	ction	<u></u>	
F	REY	NW	ch	ase. H	farite	N Krieder				icas) Er	Jeraues Piv	
Completio		a 7		Plug Bac	k Total Der	oth		Packer S	et at		0	
<u> </u>	<u>- 15-</u>				1900				None			
Casing Si: الل	ν Υ	Weight	, 5 th	Internal D	nameter L	Set at 2.5 .		Perfor	1808	То	1813	
Tubing Si	Ze.	Weight		Internal D	Diameter	Set a		Perfor		• ₫•	1813	
. ي	3/8	4.	7 [#]		2 .	18	310		Open E	0 1 1	•	
Type Com		Pescribe)		Type Flui	d Production			Pump Un	it or Traveling	Plunger? Yes	s /(Mo)	
Dan dinific	<u>31Ng</u>	e		~~~~				-				
Producing	•	nulus / (jubing)		% Carbon Dioxide				% Nitroge		Gas Gravity - G		
Vertical D	epth(H)	-ubing		Pressure Taps							, 6 583 r Run) (Prover) Size	
1810 (Meler Hull) (Prover) S											riany (riovory orza	
B 1		Shut in _LO	14/4	14 - 1	<u> </u>	400 (mm)		Ω	n	ry at		
Pressure I	винаир:		•							at	(AM) (PM)	
Well on Li	ine:	Started	20) at		_ (AM) (PM) ⁻	Taken		20 .	at	(AM) (PM)	
			····		OBOEDW	TD GUDEAGE	DATA		<u> </u>		9/-	
	•	Circle one:	Pressure		OBSERVI	ED SURFACE Casir	т	т	ubing	Duration of Shu	ıt-in <u>96</u> Hol	
Static / Dynamic	Orifice Size	Meter	Differential	Flowing Temperature	Well Head	rature Wellhead Pressure		Wellhead Pressure		Duration (Hours)	Liquid Produced	
Property	(inches)	Prover Pressure psig (Pm)	In Inches H ₂ 0	t	t	(P _w) or (P _t)	(P _w) or (P _t) or (P _c)		(P _w) or (P _t) or (P _c)		(Barrels)	
Shut-In		1	2			psig	psia	psig	psia	<u> </u>		
				·		160			 			
Flow			<u> </u>			<u> </u>			<u> </u>			
		· · · · · · · · · · · · · · · · · · ·		-, -	FLOW ST	REAM ATTRI	BUTES			 		
Plate	- 1	Circle one:	Press			Flowing	Deviai		iation Metered Flow		Flowing	
Coeffieck		Meter or rover Pressure	Extension √ P _m xh	Fact		Temperature Factor	Factor		R	(Cubic F	eet/ Fluid Gravity	
Mcfd		psia V F		F ₀		F _{it}	F _{pv}		(Mofd)	Barre	G _m	
	1											
		 J		(ODEN EL C	WY (DELIX	/ERABILITY)	CAL CITE	TIONE		/		
(P _c) ² =		(P \2 -		-		•					_a) ² = 0.207	
(1 6) 2	:	(P _w) ² =	hoose formula 1 or 2:	P _d =			- 14.4) +	14.4 =		(P _d] 	
(P _e)² - (P) ² ($(P_c)^2 - (P_w)^2$ 1. $P_c^2 - P_a^2$		LOG of formula		Backpressure Curve Slope = "n"		n x L	og		Open Flow Deliverability	
or (P _c)²- (P	° _a)²		2. P _o ² -P _d ²	1. or 2. and divide	P _e ² - P _w ²	Assigne		" " "		Antilog	Equals R x Antilog	
		di	vidod by: Pc P 2	by:	<u>'</u> ° ' *	Standa	rd Slope				(Mcfd)	
]	
Open Flow	M		Mcfd @ 14.6	35 neio		Deliverabil	itu			lcfd @ 14.65 p:		
	·····						·				 	
The u	ındersigne	ed authority, on	behalf of the	Company, s	tates that I			make the	above report	and that he h	nas knowledge of	
ne facts st	ated there	oin, and that said	d report is true				<u>28</u> .	lay ot	Dec.		, 20 14	
				KC	C MIC	HITT		£ 1.	7	(a~		
		Witness (if a	iny)		 			<u> </u>	For Co	many "	×40	
		AOSF.		IAC	DV 12	LUIJ			5/2	(A DOLL	wo	
		For Commie	einn	1	RECEI	VED			Charl	ad hv		
										VI		

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																			
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																			
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: Dec 28 2014																			
Signature:																			
NOV 12 2015																			
RECEIVED																			

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.