KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			0	See Instruct	ions on Rev	erse Side	}	:			
√ Op	en Flow			<u> </u>	••							
De	liverabilty			Test Date 4-15-20			·		No. 15 19-20791~	0000		· · · · · · · · · · · · · · · · · · ·
Company Hi-Kat P		i	_		. :	Lease Mary Sui	therland				1-7	ell Number
County Meade		Locati C NW/4		Section 7		TWP:		RNG (E/ 26W	W) · :	:	Ac	cres Attributed
Field McKinne	эy			Reservoir Chester		; .		Gas Gati Duke	nering Conn	ection		
Completic 8/10/84	on Date		:	Plug Back	Total Dept		•	Packer S none	et at			
Casing S 4 1/2	ize	Weigh 10.5	t	Internal D 4.052	iameter	Set at 6598		Perfor 6154	ations :		To 6166	
Tubing Si	ize	Weigh 4,7	t	Internal D	iameter	Set at 6090		Perfor	ations		To · · · 6187	
Type Con	nnletion (****		d Production				it or Traveling			No :
Single (Gas	•		:	-	·		N/A				:
 Producing Tùbing 	g Thru (A	nnulus / Tubing		% C 188	arbon Dioxi	de .	·.	% Nitroge .903			Gas Grav .652	rity - G _g
Vertical D	epth(H)	· :			Press Flang	sure Taps .			,		(Meter Ru 3.068"	ın) (Prover) Size
Pressure	: Buildup:	Shut in Apr	il 15th / 2	0_14_at_1		(AM) (PM)	Taken Ap	ril 16th	20		11:34 aı	m (AM) (PM)
Well on L	ine:	Started	20	0 at		(AM) (PM)	Taken	•••	20	at _		(AM) (PM)
	:	.	: :	- t	OBSERVE	D SURFACE	DATA		:-	Duration	of Shut-in	24 Hours
Static / Dynamic Property	Orifice Size (inches)	Prover Pressu	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casir Wellhead F (P _w) or (P ₁ psig	ressure	Wellhea	ubing ad Pressure $\langle P_1 \rangle$ or $\langle P_2 \rangle$	Durat (Hou	1	Liquid Produced (Barrels)
Shut-In				: =:	·-		114.7	75	89.7	24		,
Flow		<u> </u>						,	, 			
					FLOW STR	EAM ATTRI	BUTES	<u> </u>	<u>:</u>		•	::
Plate Coeffied (F _b) (F Mcfd	ient	Circle one: , Meter or Prover Pressure psia	Press Extension P _m x h	Grav Fact	or T	Flowing emperature Factor F _n	, Fac	ation : ctor	Metered Flow R (Mcfd)		GOR Cubic Feet Barre!)	Flowing Fluid Gravity G _m
		:	,		:			,				:.
		٠.		-	OW) (DELIV	ERĀBILITY)	CALCUL	ATIONS				- 0.207
(P _c) ² =	 :	(P _w) ² =	<u>:</u> :	P _d =	?	% (Р,	, - 14.4) +	14.4 ==	:	. :	(P _d) ² =	<u> </u>
(P _c) ² - (F or (P _c) ² - (F	Ĭ.	(P _c) ² - (P _w) ²	1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _c ²	LOG of formula 1. or 2. and divide by:	P _c ² - P _w ²	Slope Ass	sure Curve e = "n" or igned rd Slope	nxl	.og []	. Antil	og	Open Flow Deliverability Equals R x Antilog (Mcfd)
			divided by: Fc - Fw	1 3,	<u> </u>	Cianda	:.	-				<u> </u>
· ·							:		,			-
Open Flor	w		Mcfd @ 14.	65 psia		Deliverabi	lity	•	:.	Mcfd @ 1	4.65 psia	<u> </u>
. The i	undersign	ed authority, or	n behalf of the	Company, s	tates that h	e is duly aut	thorized to	·	• •	rt and tha	t he has	knowledge of
the facts s	tated ther	ein, and that sa	aid report is true	and correc	t. Executed	this the 29	th	day of D	ecember	<i>i</i>		, 20 <u>14</u>
			i .	;.		Received	MMISSION	1	To fle	:		
• •		Witness (ii	iany)	•	חבי	C 3 1 20	14	•	· · · · · ·	Company	•	*
		For Comm	ission :			ע און ע ט	· · · · · · · · · · · · · · · · · · ·		Che	cked by	,	

CONSERVATION DIVISION WICHITA, KS

			•
, ,	of perjury under the laws of th A.R. 82-3-304 on behalf of the o		authorized to request
and that the foregoing pres correct to the best of my kno of equipment installation and	sure information and statement whedge and belief based upon d/or upon type of completion or the vear exemption from open flow the	its contained on this application available production summaring upon use being made of the ga	es and lease records as well herein named.
gas well on the grounds tha		esting for the	· :
is cycled is a sour is on vac √ is not cal I further agree to supply	oed methane producer on plunger lift due to water ce of natural gas for injection in uum at the present time; KCC a cable of producing at a daily ra r to the best of my ability any ar	pproval Docket No te in excess of 250 mcf/D	
staff as necessary to corrob Date: 12-29-2014	orate this claim for exemption	from testing.	
Received KANSAS CORPORATION COM	46	Las lass	· · · · · · · · · · · · · · · · · · ·
CONSERVATION DIVISION WICHITA, KS	· —	C/sw //w	
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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.