KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:			7	See Instructi	ions on Rev	erse Side)			
	oen Flov			Tost Date	٠.			ΔDI	No. 15		
De	eliverabi	lty	Section 2	9-16-14				15-(081-21894-0	00-00	•
Compan XTO EN						Lease WINTER			. , ,	3-13	Well Number
County HASKE			Section 13			TWP 30S		W)	Acres Attributed		
Field	. 1		* .	Reservoir	, DW/CHEST	ER		Gas Gat	nering Conn	ection	-
Completi 2-28-10)	*		k Total Dept			Packer S NONE	et at	777 THE COURT OF THE STATE OF T	
	asing Size Weight 5 15.5		•	Internal Diameter 4.950		Set at 5810		Perforations 5363		To 5438	
Tubing S 2.375	ng Size Weight			Internal Diameter		Set at 5560				a To	
		(Describe)			d Production			Pump Un YES-P		Plunger? Yes	/ No
		(Annulus / Tub	ina)		Carbon Dioxid	de		% Nitrog		Gas Gr	avity - G
ANNUL	_	,		0.238				8.308		.724	, ,
Vertical I	Depth(H)	,		Press	sure Taps			- 	(Meter I	Run) (Prover) Siz
5400					FLAN		,a			2.067	
		o: Shut in		0 at _0							(AM) (PM
Well on I	Line:	Started 9-	15-14′ 2	0 at	830	(AM) (PM) .	Taken 9-	16-14		at0830	(AM) (PM
	т				OBSERVE	D SURFACE	DATA	T		Duration of Shut-	in 72.0 Ho
Static / Orifice Dynamic Size Property (inches)		Prover Pres	Differential in	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _I) or (P _c) psig psia		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)
Shut-In							81.5	paig	, paia	- 72.0	
Flow	1.25	0 6.1	6.2	64	75	54.2	68.6			24.0	8.2
					FLOW STR	EAM ATTRI	BUTES				
Plate Coefficeient (F _b) (F _p) Mofd		Circle one: Meter or Prover Pressure psia	Press Extension ✓ P _m x h	Grav Fac F	tor T	Temperature Fa		riation Metered Flow actor R F _{pv} (Mcfd)		W GOR File (Cubic Feet/ Gr	
8.328	3	20.50	11.27	1.175	3 0.	9962	1.002		110.1	NONE	0.724
(P _c) ² =	3.6	_: (P _w);	· = 4.7 :		OW) (DELIV 84.3			ATIONS 14.4 =	31.5 <u>:</u>	(P _a)	² = 0.207 ² =
$(P_c)^2 \cdot (P_c)^2 \cdot (P_c$	•	(P _c) ² - (P _w) ²	Chaose 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	LOG of formula 1. or 2. and divide	P ₂ -P ₂	Backpres Slop Ass	sure Curve e = "n" origned ard Slope			Antilog	Open Flow Deliverability Equals R x Antil (Mcfd)
						- ,			***************************************		
6.43		1.93	3.339	0.526	0.5263		0.850		451	2.7865	306,91
Open Flo			Mcfd @ 14			Deliverabi				Mcfd @ 14.65 ps	
			on behalf of the	e and correc		His bed 16)		e above repo	ort and that he ha	as knowledge of
<u> </u>	ops	YO K	CC We	Chita	SFP	1 9 201	Tre	C13, 9	n Wil	Cellus 4	Testin
	***************************************				CONSESS	*		W	(all	Bush	<u>)</u> .
		For Co.	mmission		Wi	/ATION DIVIŠI CHITA, KS	ION		/Che	cked by	

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depends on the second of the s	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:
- iţ · ·	(Check one)
19 de 1	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.
a ÷	Date:
-	Signature:
~	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 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.

SEP 13 26%