ويراء دار

Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	:				(See Instruc	tions on Re	verse Side	?)			
□ Ор	en Flo	w			Test Date	a•			ΔDI	No. 15		
Del	liverab	ilty			10/14/20					033-20918 -	0000	
Company HUMMO		RPO	DRATION			Lease CURRIER			1-:			Well Number
County Location CAMANCHE NE NE				Section 20				RNG (E/W) 18W			Acres Attributed	
					Reservoir MARMATON			Gas Gathering Connection ONEOK				
Completic 10/02/19		e			Plug Bac 5653'	k Total Dep	th		Packer S 5573'	Set at		
Casing Size Weight 4-1/2" 10.50#				Internal [3.927"	Diameter	Set at 5922'		Perforations 5046'		то 5052'	.,	
Tubing Si 2-3/8"	ze		Weigh 4.70#		Internal [1.995"	Diameter	Set at 5150'		Perforations		То	
Type Com		n (De	escribe)			Type Fluid Production OIL AND WATER			Pump Unit or Traveling Plunger? Yes / No PUMPING UNIT			
Producing TUBING		(Anr	nulus / Tubing	3)	% C	% Carbon Dioxide						ravity - G _g
Vertical D		1)				Pres	sure Taps				(Meter	Run) (Prover) Size
Pressure	Buildu	 ip: :	Shut in OC	T 14 2	0_14_ at_0	900	(AM) (PM)	Taken_O	CT 15	20	14 _{at} 0930	(AM) (PM)
Well on Li	ine:	;	Started	2	0 at		(AM) (PM)	Taken	<u>.</u>	20	at	(AM) (PM)
						OBSERVE	D SURFACI	E DATA			Duration of Shut	24.5Hours
Static / Dynamic Property	Orifi Siz (inch	e	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Cas Wellhead (P _w) or (P psig	Pressure	Wellhe	fubing ad Pressure (Pt) or (Ps) psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In							40	80	poig	psia		
Flow												
					_	FLOW STE	REAM ATTR	IBUTES _				
Plate Coeffieci (F _b) (F Mcfd	ient ,,)		Circle one: Meter or over Pressure psia	Press Extension P _m xh	Grav Fact F _c	tor	Flowing Temperature Factor F _{ft}	Fa	iation actor F	Metered Flow R (Mcfd)	GOR (Cubic Fr Barrel	Gravity
(P _c) ² =		:	(P _w)² =	:	•		/ERABILITY % (F) CALCUL _c - 14.4) +		:	(P _a (P _d) ² ⇒ 0.207) ² =
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$			P _c) ² - (P _w) ²	Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1, or 2, and divide	P _c ² - P _w ²	Backpress Slope 		, n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
				_								
Open Flow			Mcfd @ 14.	65 psia		Deliverab	Deliverability			sia		
The u	unders	igne	authority, o	n behalf of the	Company, s	states that h	ne is duly au	ıthorized t	o make th	ne above repo	rt and that he h	as knowledge of
the facts s	tated t	herei	n, and that s	aid report is tru	e and correc	t. Executed	I this the 1:		day of _D	ECEEMBER	₹	. 20 14 .
			Witness (if any)		DEC 1	8 2014			For C	Company	
v			For Comm	nission			DEIVED			Chec	ked by	

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 HUMMON CORPORATION 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 CURRIER 1-20 gas well on the grounds that said well: (Check one)		
exempt status under Rule K.A.R. 82-3-304 on behalf of the operator HUMMON CORPORATION 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 theCURRIER 1-20 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: 12/14/2014 CCC WICHITSIgnature: Access PRODUCTION ADMINISTRATOR / PUMPER PRODUCTI		
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		·
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	and that the fo	regoing pressure information and statements contained on this application form are true and
I hereby request a one-year exemption from open flow testing for the CURRIER 1-20 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: 12/14/2014 Check one	correct to the b	est of my knowledge and belief based upon available production summaries and lease records
(Check one)	•	
(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: 12/14/2014 KCC WICHITSIgnature:	I hereby re	quest a one-year exemption from open flow testing for theCURRIER 1-20
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: 12/14/2014 KCC WICHITS gnature: ✓ Mac DEC 18 2014 Title: PRODUCTION ADMINISTRATOR / PUMPER	gas well on the	grounds that said well:
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: 12/14/2014 C	(Che	eck one)
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: 12/14/2014 KCC WICHITS gnature:		is a coalbed methane producer
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: 12/14/2014 KCC WICHITSIgnature:		is cycled on plunger lift due to water
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: 12/14/2014 KCC WICHITSIgnature: A. C. M.C. DEC 18 2014 Title: PRODUCTION ADMINISTRATOR / PUMPER	Ī	is a source of natural gas for injection into an oil reservoir undergoing ER
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: 12/14/2014 KCC WICHITSIgnature: Mac C Mac DEC 18 2014 Title: PRODUCTION ADMINISTRATOR / PUMPER	Ī	is on vacuum at the present time; KCC approval Docket No
Date: 12/14/2014 KCC WICHITSIgnature: FRODUCTION ADMINISTRATOR / PUMPER DEC 18 2014 Title: PRODUCTION ADMINISTRATOR / PUMPER	ا	is not capable of producing at a daily rate in excess of 250 mcf/D
Date: 12/14/2014 KCC WICHITSIgnature: And Charle PRODUCTION ADMINISTRATOR / PUMPER DEC 18 2014 Title: PRODUCTION ADMINISTRATOR / PUMPER	l further ac	aree to supply to the best of my ability any and all supporting documents deemed by Commission
Date: 12/14/2014 KCC WICHITS gnature: July C Mcc OEC 18 2014 Title: PRODUCTION ADMINISTRATOR / PUMPER	_	
KCC WICHITS Ignature: July C No. DEC 18 2014 Title: PRODUCTION ADMINISTRATOR / PUMPER	stan as necess	lary to corroborate this claim for exemption non testing.
KCC WICHITS Ignature: July C No. DEC 18 2014 Title: PRODUCTION ADMINISTRATOR / PUMPER	40/44/0/	
DEC 18 2014 Title: PRODUCTION ADMINISTRATOR / PUMPER	Date: 12/14/20	<u> </u>
DEC 18 2014 Title: PRODUCTION ADMINISTRATOR / PUMPER		
DEC 18 2014 Title: PRODUCTION ADMINISTRATOR / PUMPER		
DEC 18 2014 Title: PRODUCTION ADMINISTRATOR / PUMPER		
DEC 18 2014 Title: PRODUCTION ADMINISTRATOR / PUMPER		140 CHI TSignature: The C'hoc
DEC 10 Zorr		ROU VAIO BE THE PRODUCTION ADMINISTRATOR / DI IMPER
RECEIVED		DEC 18 2014 Title: FRODUCTION ADMINISTRATOR / PUMPER
		RECEIVED

Instructions:

4,4

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.