KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

Type Test:

Open Flow Test Date: 5/19/15						API No. 15 15-095-20592 0000						
Company Murfin Drilling	Comr	pany				Lease Graber				1	Well Number	
County Location Kingman NENE				Section 9			TWP 29S		RNG (E/W) 6W		Acres Attributed Received KANSAS CORPORATIO	
Field Klaver	_			Reservoir Mississi	r ippi (Open I	Hole)			hering Conne Vichita Gas (ection Gathering LLC	JUN 29	
Completion D 6/21/77	Date			Plug Back 4081	k Total Depti	.h		Packer S None	et at		CONSERVATION DIVI	
Casing Size 5.5		Weight 14	,	Internal Diameter 5.012		Set at 4081		Perfor	rations 40	To 081 ਜ਼	<i>ЧСніта, к</i> _о 4090 ОН	
Tubing Size 2.875		Weight 6.5		Internal D 2.441"	iameter	Set at 4050'		Perforations N/A		To N/A		
Type Complet Acid 1000 (Jescribe)		Type Fluid Oil & W	id Production Vater	1	Pump Unit or Travelin Pump Unit		_			
Producing Th Annulus	ıru (Ar	nnulus / Tubing)	.)	% c 0.140	Carbon Dioxid	de	de %		leu	Gas Gra 0.716	ravity - G _g	
Vertical Depth	n(H)				Press Flang	sure Taps ge				(Meter F 2.067	Run) (Prover) Size	
Pressure Built	ildup:	Shut in 5/18	8 20	, 15 at 1:			Taken_5/	19	20	15 _{at} 1:05	(AM) (PM)	
Well on Line:		Started	20	at		(AM) (PM)	Taken		20	at	(AM) (PM)	
		1			OBSERVE	D SURFACE				Duration of Shut-	-in 24 Hours	
Dynamic S	Orifice Size inches)	Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential Inches H ₂ 0	Flowing Temperature t	Well Head Temperature 1	(P _w) or (P ₁) or (P _c)		Wellhea (P _w) or	Tubing rad Pressure r (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In		F0 \ .	India-12			250	psia	170	psia	24		
Flow					<u> </u>					<u> </u>		
			г		FLOW STR	REAM ATTRIE	BUTES					
Plate Coefficeient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psta	Press Extension ✓ P _m xh	Gravi Facte F _e	tor T	Flowing Temperature Factor F ₁₁	Fac	Deviation Metered Flo Factor R F _{pv} (Mcfd)		w GOR (Cubic Fer Barrel)	i Gravitu I	
				•		ZERABILITY)				•) ² = 0.207	
$\frac{(P_c)^2 = }{(P_c)^2 \cdot (P_a)^2}$ or $\frac{(P_c)^2 \cdot (P_a)^2}{(P_c)^2 \cdot (P_d)^2}$		(P _c) ² - (P _w) ²	: Choose formula 1 or 2: 1. P ₂ - P _a 2. P ₂ - P _d divided by: P ₂ - P ₂	P _d = LOG of formula 1. or 2. and divide by:		Backpress Slope c	sure Curve e = "n" origned ard Slope		.og []	(P _d) ² Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
			Wagu uy. 1 c · w	.,.			<u>u ologo</u>				, ,	
Open Flow		1	Mcfd @ 14.6	i5 psia		Deliverabili	iity			Mcfd @ 14.65 psi	ía	
			n behalf of the C				.0	o make the	te above repoi	ort and that he has	as knowledge of, 20 <u>/</u> 	
		Witness (if a	any)					<u> </u>	For C	Company		
		For Commis	ssion			_			Cher	cked by		

I declare under penalty of perjury under the laws of the state of Kansas that I am autiexempt status under Rule K.A.R. 82-3-304 on behalf of the operator	form are true and and lease records
gas well on the grounds that said well: (Check one)	KANSAS CORPORATION COMMISSION JUN 29 2015
is a source of natural gas for injection into an oil reservoir undergoing Elis on vacuum at the present time; KCC approval Docket No.	CONSERVATION DIVISION WICHITA, KS
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 destaff as necessary to corroborate this claim for exemption from testing.	emed by Commission
Date: 6-19-15	
Signature: Thomas Would	er

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.