KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Open Flow Deliverabilty						Test Date	Test Date:					API No. 15 025-20,925-000					
Company		il	& Gas	C	orpora	 tion	G	Lease ardine	r	"21"	•				Well Nu	mber	
County				Section 21	Section			TWP RNG (E 34S 24W		W)		-	Acres A	ttributed			
Field Colo:						Reservoi Ches	-]	Engl		nering Con		n Ition	KC	2144	
Completion Date 11/2/85					Plug Back Total Depth 5637 '					Packer Set at			KCC WICH SEP 25 2015				
Casing S 4 - 1 / 2	sing Size Weight 11.6#			Internal E 3 . 995		Set at 5659 '		Perforations 5572 !			5578' RE		CEIVED				
	Tubing Size Weight 2-7/8" 6.5#					Internal Diameter 1.995			Set at 5560 '		Perforations 5526		то 5536'		EVED		
Type Completion (Describe) Single							Type Fluid Production Dry Gas				Pump Unit or Traveling Plunger? Yes / No Yes						
Producing Both	Thru	(Ann	ulus / Tubir	g)		% Carbor					% Nitrog				avity - 6	i _o	
Vertical Depth(H) 5 6 5 9 '							Pressure Taps Flange					<u></u>	 -	(Meter I		over) Size	
Pressure	Buildu	ıp: \$	Shut in <u>08</u>	/10)15 at 1:	:45pm	(AM) (PM	l) Tal	ken <u>08</u>	8/11			5 _{at} 1:45p		AM) (PM)	
Well on Li	ine:	9	started		20)at		(AM) (PM	l) Tal	ken	.		20_	_ at	(AM) (PM)	
			13 1 1 1 1	1.1		_	OBSERV	ED SURFA	CE D	ATA:			Du	ration of Shut-	in	Hours	
Static / Dynamic Property	Orif Siz inch	e	Circle one Meter of Prover Pres psig	.	Pressure Differential in (h) Inches H ₂ 0	Flowing Temperature t	Well Head Temperatu t	Wellhea	Casing Wellhead Pressure (P _w) or (P _t) or (P _o) psig psia		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia) (Hours)		Liquid Produced (Barrels)		
Shut-In			1,1,1		_			posg	100		100			24			
Flow					_			•									
	i			_		- 1 -	FLOW ST	REAM ATT	RIBU	ITES		<u>. </u>					
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia			Press Extension Š P _m x H _w	Gravity Factor F ₀		Flowing Temperature Factor F _{ft}	Temperature Factor		iation ictor - pv	Metered F R (Mcfd)	low	GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m	
	ŀ					(OPEN FLO	OW) (DELI	VERABILIT	Y) C/	ALCUL	ATIONS				2 00		
(P _c)² =		_:	(P _w) ²	=	:	` P _d = ,			•		14.4 =	:		(P _a)	² = 0.20 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 by:		Backpressure Cur Slope = "n" or Assigned Standard Slope		"n" ed	n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog Mcfd		
					-	-								·	-		
Open Flow Mcfd @ 14.65 ps						_i 5 psia	psia Deliverability					Mcfd @ 14.65 psia					
The ur	ndersi			n beł	_	mpany, stat		is duly auth	orized				nd tha	t he has know	rledge o	the facts	
			Witness	(if any)							F	or Comp	any	· - ·		
			For Con	missio	ın .				·		-		necked l	by			

I declare under penalty or 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
Signature: Drlg & Prod Asst

Instructions:

All active gas wells must have at least an original G-2 form on file with the conservation division. If a gas well meets 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 obtain a testing exemption.

At some point during the succeeding calendar year, wellhead shut-in pressure shall be 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.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than thirty (30) days after the taking of the pressure reading. The form must be signed and dated on the front side as though it was a verified report of test results.