KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruc	tions on Reve	erse Side)					
Open Flow				Test Date: API No. 15 -023-						.21083_00_00				
De	liverat	oilty			Test Date) :			API	No. 15 -020	-21000-00-00			
Company	,						Lease					Vell Num	ber	
		Ene	ergy Mana	gement, LL0		Z	WEYGARI	TC				13-33	В	
County			Locat		Section		TWP		RNG (E		4	cres Att	ributed	
CHEYE	NNE		SW-S	E-NW-SW		33	38			1W				
Field CHERF	XY C	RFF	ĸ		Reservoir NIOBR					thering Conne ern Star/Kir	nder Morgan			
Completic						k Total Dep	th		Packer 8	-	idel Morgan			
5/22/20					1556'									
Casing Size Weight				Internal C		Set at		Perforations		To				
7", 41/2"				17#, 11.6#		6.538, 4.000		241', 1598'		1372'	1410'			
Tubing Size Weight				t 4.7#	Internal (Diameter .995	Set at 1445'		Perforations		То			
2-3/8 Type Com	opletio	n (De	escribe)	4.11		d Productio		770	Pump Ur	nit or Traveling	Plunger? Yes	/ No		
Type Completion (Describe) SINGLE (GAS)						SALTWATER				Yes-Rod Pump			np	
	<u> </u>		nulus / Tubin	g)	% C	% Carbon Dioxide				jen	Gas Gra	Gas Gravity - G _g		
ANNUL														
Vertical Depth(H) Pressure Taps (Meter Run) (Prover) Size											ver) Size			
				•	<u> </u>									
Pressure	Buildu	ıp:	Shut in	11/4 2	to <u>14</u> at <u>1</u>	1:00 AM	(AM) (PM) 1	aken		20	at	(Al	M) (PM)	
Well on L	ine:		Started	11/5	0 14 at 1	1:00 AM	(AM) (PM)	aken		20	at	. (Al	M) (PMi	
							. (, (,,						, (,	
						OBSERVE	D SURFACE	DATA			Duration of Shut-i	n24	Hours	
Static /	Orif	ice	Circle one:	Pressure	Flowing	Well Head	Casin	~		Tubing				
Dynamic	Dynamic Size		Meter Prover Pressi	Differential in	Temperature	Temperature	ture (P,) or (P,)		Wellhead Pressure (P_) or (P _n) or (P _n)		Duration (Hours)		Liquid Produced (Barrels)	
Property	(inch	ies)	psig (Pm)	Inches H ₂ 0	t	t	psig	psia	psig	psia	_1/00.10	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Shut-In				-			50				-KCC \	:Uni	HA	
Flow											DEL 1	2014	,	
			1			FLOW ST	L	UTEC						
			Circia one;		<u> </u>	PEOW STR	•	POTES				=IV F(_ , ,	
Plate Coeffieci			Meter or	· Press Extension	Grav Fact		Flowing Temperature		ation ctor	Metered Flow	GOR (Cubic Fee	.01	Flowing Fluid	
(F _b) (F		Pro	<i>ver Pressure</i> psia	√ P _m xh	F		Factor F _{IL}	F	1		Barrel)	Gravity G _m		
Mcfd		1			+		'π						- · ·	
					(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(P.)²	= 0.20 7	,	
(P _c) ² =		_;	(P _w) ² =	<u>:</u>	P _d =		% (P _e	- 14.4) +	14.4 =	:	(P _d) ²			
(D.)2 (E	2 12	(5	L 32 /D 32	Choose formula 1 or 2	: LOG of			ure Curve		ГП	-	Oper	Flow	
(P _c) ² - (P ₄) ² or		(P _c) ² - (P _w) ²		1. P _c ² -P _a ²	tormula 1. or 2.	formula		Slope = "n"		LOG	Antilog		rability	
(P _c) ² - (P _d) ²				2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_d^2$	and divide	and divide P_2_P_2		Assigned Standard Slope		LJ		Equals R x Antilog (Mcfd)		
				anacoloy, 1 c 1 w										
			:				 							
Open Flor	w			Mcfd @ 14.	65 psia		Deliverabil	ity	-	1	Mcfd @ 14.65 psi	1		
		iana	l authority a	n behalf of the	Company	totoo that b	an in duly nut	anrivad t	maka ti	a above rece	rt and that he ha	knowla	dan of	
		•	•				•	5) make u	•	rt and that he ha: CEMBER		14	
the facts si	tated t	therei	n, and that s	aid report is true	and correc	t, Executed	this the	<u>-</u>	day of			, 20	·	
Witness (if any)						·		For Company						
			For Comm	niceion						Cha	ked by			
			ror comi	HDDIGEN						Cned	von nà			

exempt star and that th correct to the of equipme I hereb	tus under Rule K.A.R. e foregoing pressure ne best of my knowled nt installation and/or t	82-3-304 on behalf of the information and statemed ge and belief based upor upon type of completion of exemption from open flow	operator Founda ents contained on the n available production r upon use being ma	s that I am authorized to request tion Energy Management, LLC his application form are true and on summaries and lease records ade of the gas well herein named. ZWEYGARDT 13-33B
	is cycled on p is a source of is on vacuum is not capable	nethane producer blunger lift due to water i natural gas for injection i at the present time; KCC e of producing at a daily r	approval Docket Notate in excess of 25	0
staff as ned	cessary to corroborat	e this claim for exemption KCC WICHITA DEC 1 1 2014 RECEIVED Signature: Title:) Aukilia OPERAT	Prather IONS ASSISTANT

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.