Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:				•	See Instruc	tions on He	verse Side	9)					
Open Flow			Toot Date	Test Date:				APt No. 15 -023-21312-00-00						
De	eliverat	oilty			lest Dati	3 ;			APIN	10, 15 020	21012-00-00	,		
Company		Ene	erov Mana	agement. LL		R.:	Lease ZWEYGA	RDT	_			Well Nur		
Foundation Energy Management, LLC County Location				Section		TWP		RNG (E/W)		Acres Attributed				
CHEYENNE SE-NW-NE-SE				32	5S		39W							
			NIOBR	Reservoir NIOBRARA			Gas Gathering Connection KINDER MORGAN							
Completion Date 6/1/2011			Plug Bac 1509'	Plug Back Total Depth 1509'			Packer Se	t at						
Casing Size			Weig		Internal Diameter		Set at		Perforations		To	· =		
7", 4½"				7#, 11.6#	6.538, 4.00 Internal Diameter		391', 1556'					1362'		
Tubing Size Weight 2-3/8" 4.7#					Jiameter .995	Set at 1394'		Perforations		То	10			
Type Completion (Describe) SINGLE (GAS)				Type Fluid Production SALTWATER			Pump Unit or Traveling Plunger? Yes / No ROD PUMP							
			nulus / Tubir			% Carbon Dioxide			% Nitroger			Gas Gravity - G		
ANNUL		•										•	g	
Vertical D	epth(l	1)			· · · · · · · · · · · · · · · · · · ·	Pres	sure Taps				(Meter	Run) (Pr	over) Size	
Pressure	Buildu	ıp;	Shut in	11/4	20 14 at 1	0:00 AM	(AM) (PM)	Taken		20 .	at	(AM) (PM)	
Well on Line:												at (AM) (PM		
						OBSERVE	D SURFACE	E DATA			Duration of Shut-	in 24	L.5 Hours	
Static / C		rifice Circle one			Flowing	Well Head	Casing		Tubing					
Dynamic Property	Siz	Size (inches) Prover i		,	Temperature t		ture Wellhead Pressure (P _w) or (P _t) or (P _c)		Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration Liquid Product (Hours) (Barrels)			
Shut-In			Para (1)	11,01,00 11,20			psig 58	psia	psig	psia	KCC /	V!C!	ATIF	
Flow	•							-			HEC '	1 1 20)14	
						FLOW STR	EAM ATTRI	BUTES					PH.F.	
Plate Coefficient (F _b) (F _p) Mofd			Circle one:	Press	Grav	rity .	· Flowing		eviation Metered FI		RECEIVE		Flowing	
		Meter or Prover Pressure psia		Extension	Fac	lor T	emperature Factor	Fa	ctor	R	(Cubic Fe	et/	Fluid Gravity	
				√ P _m xh	F,		F _{it}	, F	(Mcfd)		Barrel)		G _m	
					•		ERABILITY)	CALCUL	ATIONS			² = 0.20) 7	
(P _c) ² =		_ :_	(P _w) ² =		P _d ≖	°	% (P	- 14.4) +	14,4 =	 : ,	(P _d)	² =		
(P _c) ² - (P _s) ²		(F	P _e) ² - (P _w) ²	1. P _e ² - P _e ²	2: LOG of		Backpress		l l				en Flow	
or (P_)2- (F		,	er (w/	2. P _e ² -P _d ²	formula 1. or 2.		Slope = "n"		n x LC	3G	Antilog	I.	verability R x Antilog	
(P _c) ² - (P _d) ²			- 1	divided by: P2-P	and divide by:	P _c ² -P _w ²	- P Z Assig					(Mcfd)		
		-				_								
Open Flov	w			Mcfd @ 14	.65 psia		Deliverab	ility		N	/lcfd @ 14.65 ps	ia		
				on behalf of the aid report is tru							t and that he ha	as knowl	edge of	
me 12015 S	iaieu l	erei	n, and that S	ad report is tru	e and conec	i. Executed	uns ule		uay UI			, 2	.0	
			Witness	(if any)			-			For Co	ompany			
			ForCom	mission			_			Check	ked by			
											-			

exempt status under Rule K.A.F and that the foregoing pressure correct to the best of my knowled	. 82-3-304 on behalf of the information and stateme dge and belief based upor upon type of completion or exemption from open flow	the state of Kansas that I am authorized to request operatorFoundation Energy Management, LLC onts contained on this application form are true and available production summaries and lease records upon use being made of the gas well herein named. testing for theR. ZWEYGARDT 43-32
is cycled on is a source of is on vacuum is not capab	n at the present time; KCC le of producing at a daily re the best of my ability any a	nto an oil reservoir undergoing ER approval Docket No ate in excess of 250 mcf/D and all supporting documents deemed by Commission
12/5/2014 Date:	VCC WICHITA DEC 1/2014 DEC 1/2014 RECEIVED Signature: Title:	Rickel Prather

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.