KCC WICHITA

## Kansas Corporation Commission ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:					(See Instru	uctions on Re	everse Sid	e)		•		
XX Open	Flow		4*8; **	·		*	:					
Delive	rabilty			Test Da	te: 4/30/	2010	:	Α	PI No. 15 -02	25-20862 <b>- (</b>	700	$\mathcal{C}$
Company MIDCO E	EXPLO	RATION,	INC.			Lease GARDI	NER				Well i	Number
County		Local	tion	Section		TWP		RNG	(EW)			Attributed
CLARK		SW		36		· 33S		24W		: •	710703	Attributed
Field KREIGER		EEK		Reservo CHEST				Gas G CLAF	athering Conn	ection	<u> </u>	
Completion D 1/13/85				Plug Bad	k Total Dep	th		Packe	r Set at	····		
Casing Size 4 1/2		Weigl		internal	Diameter	Set	at .	<b>Per</b> 5443	forations	То	5446	<del></del>
Tubing Size 2 3/8		Weigh		Internal I	Diameter	Set a	at	Per	forations	То		<del></del>
Type Comple	tion (De		<del></del>		id Productio		<u> </u>	-Pump 1	Unit or Travelin	g Plunger? Yes	- / No	
SINGLE		· · · · · · · · · · · · · · · · · · ·	·			·		PUMP	ING UNIT	ig i langer i 165	; / NO	7
Producing Th TUBING	nu (Ann	ulus / Tubing		% Carbo	n Dioxide		į	% Nitro	gen	Gas (	Gravity -	G,
Vertical Depth 5464	n(H)				Press	sure Taps FLANG	E			(Mete	r Run) (F	Prover) Size
Pressure Build	dup:	Shut in4	1/29/10_19	at 10	0:00	(AM) (BM)	Taken	4/30/	10	at_10:0	00	
Well on Line:	5	Started4	1/30/10_19	at <u>10</u>	0:00	(AM) (BM)	Taken		19	at		(AM) (PM)
			· · · · · · · · · · · · · · · · · · ·			ED SURFACI						
Static / O	rifice	Circle one: Meter or	Pressure	Flowing	Well Head	Cas	ing	T	Tubing	Duration of Shu	t-in	Hou
1 _ 1	Size ches	Prover Pressu psig	Differential in (h) Inches H <sub>2</sub> 0	Temperature t	Temperature t	Wellhead (P <sub>w</sub> ) or (P	,) or (P <sub>c</sub> )	) (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)	1 .	Liquid Produced (Barrels)
Shut-In	6					psig	180	psig	psia		+-	
Flow <							:					
	1	·			FLOW STR	EAM ATTRI	BUTES					
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd	/	Circle one: Meter or ver Pressure psia	Press Extension √ P <sub>m</sub> x H <sub>2</sub>	Grav Factor	or T	Flowing emperature Factor F <sub>II</sub>	Devi Fac	tor	Metered Flov R (Mcfd)	GOR (Cubic Fo	eet/	Flowing Fluid Gravity
							-					G <u>"</u>
	****	· · · · · · · · · · · · · · · ·	,	OPEN FLO	W) (DELIVE	ERABILITY)	CALCULA	TIONS				
(P <sub>c</sub> ) <sup>2</sup> =	<u>:</u> :	(P <sub>w</sub> ) <sup>2</sup> =	hoose formula 1 or 2:	P <sub>d</sub> = _	%	(P.	- 14.4) +	14.4 =	<u> </u> :		1 <sup>2</sup> = 0.21 1 <sup>2</sup> =	D7 
$(P_c)^2 \cdot (P_a)^2$ or $(P_r)^2 \cdot (P_d)^2$	(P <sub>e</sub> )	)² - (P)²	1. P <sup>2</sup> · P <sup>2</sup> 2. P <sup>2</sup> · P <sup>2</sup> vided by: P <sup>2</sup> - P <sup>2</sup>	LOG of formula 1. or 2. and divide by:	P.2. P.2	Backpress Slope o Assk Standar	r gned	nxi	roe	Antilog	Deli Equals	en Flow verability R x Antilog
							<del></del> -			1		
							;			(		
Open Flow			Mcfd @ 14.65	psia		Deliverability	<u>,                                     </u>	<u> </u>	М	cfd @ 14.65 psia		
			ehalf of the Com				ed to make day of _		ember, 20	hat he has knowl	-	the facts
			-					MIDCO	EXPLORA'	rion, inc.	- · ·	
		Witness (if a							For Co	mpany	EIVE	D
		For Commiss	sion :		<del></del>				Checke		032	 2011
•						•	-	•		JAN	UJ 2	-U I I

	clare under penalty						_	equest
	status under Rule K				1			
and that	the foregoing pres	sure informati	tion and state	ements cont	ained on thi	s application	form are tr	ue and
correct to	the best of my kn	owledge and b	oelief based ι	upon availab	le production	n summaries	and lease r	ecords
of equipm	nent installation an	d/or upon type	of completic	on or upon us	se being mad	le of the gas	well herein r	named.
l her	eby request a one-	year exemptio	on from open	flow testing	or the Ga	rdiner #1		· ·
gas well	on the grounds tha	t said well:			•	en e		• .
		•	•		, <b>(</b>			e e e e e e e e e e e e e e e e e e e
	(Check one)				(***			
	is a coal	oed methane	producer					
٠	is cycled	on niunger li	ft due to wate	er				
	· <u>-</u>	on plunger in	it day to mate	· .				
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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.