## Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type les			77 cm =	n. J		(See msuu	clions on nev	erse Side	')					
_	pen Flo eliveral		Ø SHU1 PRes	sure	Test Date	e: - 3 <i>-9</i> 4	9		API	No. 15 -10 3	- 20, 35	-8 - C	DØ∙@¢	
Compan							Lease				· · · · · · · · · · · · · · · · · · ·	Well N		
MONUMENT RESOURCES					1	<u> </u>	C.H	EIM		··		¥ 2	-3/	
County Location LEAU EN WORTH, NE, NW, SE				Section 31		TWP 8S		RNG (E/W)		Acres Attributed  40				
Field				Reservoir BUR				Gas Gat	nering Connec	. ^				
Complet	ion Dot			MIC		k Total Dept		(	Packer S	PANSMI	15510N (	<u> </u>	ORHTION	
•	-10		36		•	41.5	<b>(11</b>		rackers					
Casing Size Weight 41/2 9.5#				Internal [	Internal Diameter		Set at 7 7475		rations	42 <sup>To</sup> /373				
Tubing Size Weight			Internal [	Diameter	Set at		Perfo	rations	То					
Type Cor	mpletio		<u>, , , , , , , , , , , , , , , , , , , </u>			id Productio	n		-Pump Ur	nit or Traveling	Plunger? Yes	(No)		
GAS					NIL									
Producing Thru (Annulus / Tubing)  CAS(NG-				% Carbo	n Dioxide んし	%		% Nitrog  ✓ (		Gas Gravity - G <sub>g</sub>				
Vertical Depth(H)					Pressure Taps				(Meter Run) ( <del>Prover) S</del> ize					
		13	73								· · ·	2"		
Pressure Buildup: Shut in19			)at	· · · · · ·	(AM) (PM)	AM) (PM) Taken		19 .	at	_ at (AM) (				
Well on Line: Started19			)at	at (AM) (PM)				19	at	at (AM) (PM)				
						OBSERV	ED SURFACE	DATA			Duration of Shut	1-in <u>2</u>	4 + Hour	
Dynamic S		rifice		Pressure Differential	Flowing	Well Head	Wellhead Pressure		Tubing  Wellhead Pressure $(P_w)$ or $(P_1)$ or $(P_c)$ psig psia		Duration	Liqu	Liquid Produced	
				ure in (h)	lemperature t	Temperature t					(Hours)		(Barrels)	
Shut-in							25		haid haid		24+	-		
Flow					· · · · · ·									
						FLOW ST	REAM ATTRI	BUTES	•		·			
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> )		Circle one: Meter or		Press Extension	Gravity		Flowing De Temperature		iation	Metered Flow	GOR		Flowing	
			ver Pressure	√ P <sub>m</sub> x H <sub>w</sub>	Fac F	101	Factor		ctor	R (Mcfd)	(Cubic F		Gravity	
Mcfd			psia	m w	`	<u> </u>	F <sub>n</sub>		PV				G <sub>m</sub>	
					(ODEN EL	0147 (DEL 11)	(EDADILITA)	041.011	4710110			<del></del>	<u> </u>	
(P <sub>c</sub> ) <sup>2</sup> =		:	(P <sub>w</sub> )² :	<b>:</b>	P <sub>d</sub> =		<b>/ERABILITY)</b> % (P_	- 14.4) +		:		) <sup>2</sup> = 0.2 ) <sup>2</sup> =	207	
		(P.)2 (P.)2		Choose formula 1 or 2:	LOG of		Backpressure Curve						Open Flow	
$(P_c)^2 \cdot (P_a)^2$ or $(P_c)^2 \cdot (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		1. P <sub>c</sub> <sup>2</sup> -P <sub>s</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup>	formula 1. or 2.		Slope = "n"		n x LOG		Antilog	De	Deliverability	
(P <sub>c</sub> ) <sup>2</sup> - (P <sub>d</sub> ) <sup>2</sup>				divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	and divide	P <sub>c</sub> <sup>2</sup> · P <sub>w</sub> <sup>2</sup>	Ass Standa					Equa	Equals R x Antilog Mcfd	
			·											
			, ,											
Open Flow Mcfd @ 14.65 psia						Deliverability				Mcfd @ 14.65 psia				
				behalf of the Co			s duly authoriz	zed to ma day of	à.	ove report and to	4	_	of the facts	
	<del></del>		Witness	if any)			_	<u>U 1</u> Pn	J J Leside	WT FOR CO	ompany	*****	<u></u>	
			For Com	nission				•		Check	ed 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 Monument Resources, Duc, and that the foregoing information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon gas production records and records of equipment installation and/or of type completion or upon use of the gas well herein named.  I hereby request a permanent exemption from open flow testing for the C. HEIM # 2-31 gas well on the grounds that said well:
gas well of the grounds that said well.
is a coalbed methane producer is cycled on plunger lift due to water is a source of natural gas for injection into an oil reservoir undergoing ER is on vacuum at the present time; KCC approval Docket No. is incapable of producing at a daily rate in excess of 150 mcf/D
Date:
Signature: <u>All Foust</u> Title: <u>Presipent</u>

## 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.