KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:					0	See Instructi	ions on Rever	se Side)						
□ Оре			Shut-i		Test Date:	11-2	28-01		API I	No. 15 –103	-20,892	∞-	<u>оо</u>	
Company	ant D		uroos los				Lease C. Heim				12	Well Nu	mber	
	ent H	eso	urces, Inc.		Section		TWP		RNG (E/	W)	and the second second second is the second s	Acres A	tributed	
County Location Leavenworth E/2,W/2,N			30		8S		22E			40				
Field			Reservoir McLouth/Burgess			Gas Gathering Connection COG Transmission Corp.								
Completion Date			Plug Back Total Depth				Packer S	et at						
11-15-8	7				1300'				- -		То			
Casing Size 4 1/2"			Weight 9.5#		Internal D	iameter	1300'		Perforations 1152'-1156' & Perforations		1176'-1184' To			
Tubing Siz	ze		Weight		Internal D	iameter	Set at		Pertor	ations	10			
N/A									Rumo I In	it or Traveling	Plunger? Yes	/ No		
Type Completion (Describe) Gas				Type Fluid Production Water (Nil)				Pump Unit or Traveling Plunger? Yes / No % Nitrogen Gas Gravity - G						
Producing	Thru	(Anni	ulus / Tubing)		% Carbon	Dioxide				eri		314411,	Q	
Casing						Droop	ure Taps				(Mete	r Run) (Pr	over) Size	
Vertical D	epth(H)				Pressu	ile raps				2"	, ,		
1184'	Buildu		Shut in 11-	-27-2001e	at	9:00	(AM) (XX) T	aken 1	L-28-2	2001	at9	:20	(AM) (MM)	
F1622016	Dunou	<i>J</i> . •	Jildt III				(AAA) (DAA) T	akan		19	at		(AM) (PM)	
Well on Li	ine:	S	started	19) at		(AM) (FM)	ano::						
						OBSERVE	D SURFACE	DATA			Duration of Sh	ut-in2	4+ Hours	
	Orifi		Circle one:	Pressure	Flowing	Well Head	Casin	_	1	Tubing	Duration	Liqui	d Produced	
Static / Dynamic	Siz		Meter or Prover Pressure	Differential in (h)	Temperature		Wellhead Pressure (P_w) or (P_l) or (P_c)		1	ad Pressure r (P _r) or (P _c)	(Hours)		(Barrels)	
Property	inch	8	psig	Inches H ₂ 0	t ·	t	psig	psia	psig	psla				
Shut-In							100 -	-			24+			
Flow				ĺ					<u> </u>					
L	L		l			FLOW STR	REAM ATTRIE	BUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Circle one: Meter of over Pressure psia	Press Extension Š P _m x H _w	Grav Fac	tor	Temperature F.		viation Metered Flow actor R F _{pv} (Mcfd)		w GC (Cubic Bare	Feet/	Flowing Fluid Gravity G _{in}	
					(OPEN FL	OW) (DELIV	/ERABILITY)	CALCUI	ATIONS	<u> </u>	(1	$P_a^2 = 0.2$	207	
(D.)2 -			(P _w) ² =	:	P _d =				+ 14.4 =	<u> </u>		P _a) ² =		
$(P_c)^2 = \underline{\qquad}$ $(P_c)^2 \cdot (P_c)^2 \cdot (P_c)^2$		(1		1. P _c ² -P _s ² 2. P _c ² -P _d ²				sure Curve e = "n" or		LOG	Antilog	De	ipen Flow eliverability Is R x Antilog Mcfd	
(P _c)²- (· · · · · · · · · · · · · · · · · · ·		a	livided by: P _c ² - P	by:	P. 2 - P. 2	Standa	rd Slope				_		
					•									
		-										1		
05		l		Mcfd @ 14.	65 nsia		Deliverabili	ty			Mcfd @ 14.65	psia		
Open Flo			 						-1 - 451		d that he has k	nowledge	of the facts	
			d authority, on at said report i					zeo to m day (- Γα	cember	d that he has ki		<u>20</u> 01	
							_			JJ	Company			
			Witness (i	any)					Pr	esident	Company			
			F 0	iggion			- (1:				ecked by			
			For Comm	noisen	W Shame &	سا لا اسسا في	na limeto							

DEC 1.3 2001

NUC WICHITA

exempt sta	are under penalty or perjury under the laws of the state of Kansas that I am authorized to request atus under Rule K.A.R. 82-3-304 on behalf of the operator Monument Resources, Inc. The foregoing information and statements contained on this application form are true and correct to							
he best of my knowledge and belief based upon gas production records and records of equipment installa-								
tion and/o	r of type completion or upon use of the gas well herein named.							
	by request a permanent exemption from open flow testing for the C. Heim #12							
gas well o	n the grounds that said well:							
	(Check one)							
	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: _De	ecember 7, 2001							
	Signature: Oct Foust							
	Title: President							

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.

