Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Company Location Section TWP ANGLEW) Leavenworth, SE, NW, NW 29 85 22E Field McLouth/ Burgess OBS ANGLEW) Leavenworth, SE, NW, NW 29 85 22E Completion One Resource Section TWP ANGLEW) Leavenworth, SE, NW, NW 29 85 27E Reservice Gas Gattering Connection COG Transmission Corp. Completion One Resource Section TWP ANGLEW) Leavenworth, SE, NW, NW 29 85 27E Reservice Gas Gattering Connection COG Transmission Corp. Completion One Resource Section TWP ANGLEW) Leavenworth, SE, NW, NW 29 85 27E Reservice Gas Gattering Connection COG Transmission Corp. Completion One Resource Section TWP ANGLEW N/A Leavenworth Gas Tool Depth Proceeding Transmission Corp. Completion One 13-15 Coding Section Two Weepi Internal Diameter Set at 12-02 - 1230 -	Type Test:				,	(See Instru	ictions on Re	verse Side	<i>))</i>			
Monther Resources Tro Section Try Rid (EW) Acres Attituded Leavenworth Set NW NW 29 85 22E Gas Gathering Connection 40 40 14 20 12 18 18 18 18 18 18 18					Test Date	e: 12	2-02-01		AP	I No. 15- 1	5-103-29	525 ~00~0
County County Content Section TWP RNG (EW) Acres Attributed 4 (0 4 4 4 4 4 4 4 4 4	Company			,			Lease					Well Number
Description SE NW NW 29 85 22E	Monur	nent	Resour	ces, Inc	2.		J. He	im				#2
Reservoir Mrc. Louth / Burgess Cas Gallaring Cornection Corp.	County		Locat	tion						E/W)	•	
Completion Date		enwo	rth, S	E, NW, NW	29		85					40
Completion Date Plug Back Total Depth Packer Set at 12 - 18 - 13 16	Field	_								-		
12 - 18 - 8 - 5	Completion	- Data									ssion co	rp.
Casing Size						k lotal Dep	tn			Set at		· :
1316 1220 1230			Weigh			Diameter	Set a	t		orations	To	
Tubing Size Weight Internal Diameter Set at 1.29 6 Type Completion (Describe) Type Fluid Production Pump Unit or Arreveing Plungac2 Yes / Na- Type Completion (Describe) Type Fluid Production Pump Unit or Arreveing Plungac2 Yes / Na- Type Completion (Describe) Type Fluid Production Pump Unit or Arreveing Plungac2 Yes / Na- Type Completion (Describe) Type Fluid Production Pump Unit or Arreveing Plungac2 Yes / Na- Type Producing Thru (Annulus / Tubing) % Carton Dioxide % Ni 1 Ni 1 Ni 1 Tencal Dapth(H) Pressure State Ni 1 Ni 1 Ni 1 Tencal Dapth(H) Pressure Buildup: Shut in 12-01-2001 19- at 9:05 (AM) (PM) Taken 12-02-2001 19- at 9:10 (AM) (PM) Well on Line: Started 19 at (AM) (PM) Taken 19 at (AM) (PM) Stace / Orfice Pressure Pressu	9		•									
Type Campletion (Describe) Gas Nil Producting Thru (Annulus / Tubing) Nil Nil Nil Nil Resource Taps (Meller Run) (Fromery Size 21) Pressure Buildup: Shut in 12+01-201. 19th at 9+05 (AM) (AM) Taken 12-02-2001. 19th at 9+10 (AM) (PM) Welf on Line: Started 19 at (AM) (PM) Taken 19 at (AM) (PM) Welf on Line: Started 19 at (AM) (PM) Taken 19 at (AM) (PM) Domainc Static? Properly Inches Pressure Pressure Pressure Pressure Inches Properly Inches Pressure Inches Properly Inches Pressure Inches					Internal Diameter							
Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - G,	2 3/8	8 ''	4.7	#			1296					
Producing Thru (Annulus / Tubing) % Carbon Dioxide Ni	Type Comp	oletion (l	Describe)		Type Flui	d Productio	'n		. Pump U	nit or Travelin	g Plunger? Yes	/ No
Annulus Nil Pressure Taps (Meter Run) (Provery) Size 21230' Pressure Buildrup: Shut in 12-01-2001 j.Hs. al. 9:05 (AM) (PM) Taken 12-02-2001 j.Hs. at 9:10 (AM) (PM) Taken 12-02-2001 j.Hs. at 9:10 (AM) (PM) Taken 12-02-2001 j.Hs. at 9:10 (AM) (PM) Taken 1.Hs. at 9:10 (AM) (PM)	Gas				Nil							
Pressure Buildup: Shut in 12=01=2001. jrf	Producing ²	Thru (Ar	inulus / Tubing	1)		n Dioxide				gen	Gas G	ravity - G
Pressure Buildup: Shut in 12=01=2001 19= at 9:05 (AM) (PM) Taken 12=02=2001 19= at 9:10 (AM) (PM)					Nil				Nil			
State / Orlice Meter of Property inches H ₀ / Pressure Flowing Flowing Property Pressure (F ₂) or (F ₂						Press	sure Taps				(Meter	Run) (Prover) Size 2 "
Staic / Orlice Meter or Prover Pressure Inches Piate Piate Piate Coefficient (F,) (Pressure B	luildup:	Shut in <u>12-</u> (01-2001 JH	at 29.	:05	(AM) (PM)	Taken _1	2-02-	2001 1s	at <u>9:1</u>	0(AM)-(PM)
Static Orlice Orlice Orlice Size Pressure Orlice Orlice Size Orlice Or	Well on Line	e:	Started	19) at		(AM) (PM)	Taken	·	19	at	(AM) (PM)
Static / Orinice Size Pressure Orinice Meter of Different Orinice						OBSERV	ED SURFACE	DATA			Duration of Shut	in 24 Hours
Dynamic Size Property Open	Static /	itatic / Orifice			Flowing Well Head		Casing					
Property Inches psig Inches H ₀ 0 1 1 psig psia psig psia	1 ' 1	Size		1	Temperature Tem		1					1 '
FLOW STREAM ATTRIBUTES Plate Coefficient (F ₂) (F ₃) McId Prover Pressure Pissure P	Property	inches	ł			t .					(110013)	(Janeis)
Flow STREAM ATTRIBUTES Plate Coefficient (F ₃)(F ₂) Moter or Prover Pressure psia (P ₂) ² = (P ₂) ² = (P ₂) ² - (P ₂) ² (P ₂	Shut-In	VTT									24	
Plate Coefficient Meter of Meter of Prover Pressure Meter of Prover Pressure Price Prover Prove Prove Prover Prover Prove Prove Prove Prove P	Flow		 				1 30				24	
Coefficient (F _p)(F _p) Roter Pressure psia Pickension (F _p)(F _p) Roter Pressure psia Power Pressure psia Power Pressure psia Power Pressure psia Psia Psia Psia Psia Psia Psia Psia P	LL		<u> </u>			FLOW ST	REAM ATTRI	BUTES	<u>.l</u>		<u> </u>	<u></u>
Coefficient (F _o) (F _o) McId Prover Pressure psia (P _o) ² = (Extension psia (P _o) ² = (P _o) ²	Plate		Circle one:	Proce		.	Flowing	I				Flowing
(OPEN FLOW) (DELIVERABILITY) CALCULATIONS (P ₂) ² = (P ₄) ² = (P ₆) ² = (P	Coeffiecien			1	1		Temperature 5		Į.		t .	Eluid
(P _e) ² = (P _e) ² = P _e = P _e = (P _e) ²				√ P _m x H _m				Factor F			I	Gravity
P _c) ² = : (P _c) ² = : P _d = % (P _c · 14.4) + 14.4 = : (P _d) ² =	111010				-		' H		-			
P _c) ² = : (P _c) ² = : P _d = % (P _c · 14.4) + 14.4 = : (P _d) ² =				1.	(OPEN EL C	OW) (DELIV	(ERABILITY)	CALCUI	ATIONS			
(P _c) ² · (P _s) ² (P _c	(P _c) ² =	:	(P) ² =	:						:		
Depen Flow Mcfd @ 14.65 psia Deliverability The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts ated therein, and that said report is true and correct. Executed this the Wirness (if any) Note of Power ability Slope = 'n' A x LOG Antilog Antilog Deliverability A signed Standard Slope Slope = 'n' A x LOG Antilog Antilog Deliverability Equals R x Antilog Mcfd A to Spaia The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts day of Desember A G Foust - For Presylident Checked by Checked by					T			'	— , — =		· d/	
Pen Flow Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts ated therein, and that said report is true and correct. Executed this the 1.7th day of Desember 1.92001 Winess (if any) A.G. Foust - For Proestident Checked by			P _c)² - (P _m)²	1. P. 2 - P. 2			,		1 1			1 '
Den Flow Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts ated therein, and that said report is true and correct. Executed this the	(P _e)2 - (P _e)3	2		2. P. 2 . P. 2	1. or 2.						Antilog	
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts ated therein, and that said report is true and correct. Executed this the				dinded by: Pc - P2		[P, P]						Mcfd
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts ated therein, and that said report is true and correct. Executed this the												
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The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts ated therein, and that said report is true and correct. Executed this the	Onen Flow			Mold @ 14 CE			Dalling as billion					
witness (if any) For Commission Executed this the 1.7th day of December	·	······			· <u>·</u>			<u> </u>		 		
Witness (if any) Witness (if any) A.G. Foust - For Propagation to the checked by											that he has know	•
A.G. Foust - For President For Commission DEC 1.7 2001 Checked by	ialeu inerein	i, and th	at salo report is	s true and correc				day of	-Deel	ember 1		, 19 <u>4001</u>
For Cammissian DEC 1.3 2001 Checked by			Witness (if	any)	mary County		area (marie)	A.G	F01	ust - FOP	resident	
			For Cammi	ssion		C 1.3 2	2001 —					
• 13 12 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13											·	

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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, Inc. 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
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. x is incapable of producing at a daily rate in excess of 150 mcf/D
Date:December 7, 2001
Signature: <u>Addfoust</u> Title: <u>President</u>

1 2 -

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.