KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	•	•		. (See Instruct	tions on Reve	erse Side)				<009
Open Flow X Shut-in Deliverabilty Pressure			Test Date: 11-07-09				API No. 15-103-20,817-				
Company	ment	Resources	, Inc.			Lease J. Hei	m ·				#4
County Location Leavenworth NW,NW,SW		in	Section 20		TWP 8S		RNG (EA			cres Attributed	
Field		Ü	Reservoir pper Mc	Louth/	Alley John State of		Gas Gath	ering Connecti Transmis	on sion Corpo	ration	
Completion Date 5/15/87			Plug Back 112	Total Depth	ì	Packer Set at 914 '					
Casing Size Weight 4 1/2" 9.5#			Internal Diameter		Set at 1410 <u>"</u>		Performance 105	ations 50' - 105	To 6' .		
Tubing Size Weight			Internal Diameter		Set at		Perfor	ations	To	-	
Type Com Gas	pletion (Describe)		Type Fluid	l Production	1	<u> </u>	Rudeun	hax xometom f	formery Xeex/	
Producing Thru (Annulus / Tubing) Casing				% Carbon Dioxide Nil			% Nitrogen Gas Gravity - G _o Nil				
Vertical D	epth(H)				Pressi	ure Taps				(Meter Ri 2"	un) (Exover) Size
Pressure	Buildup:	Shut in11	-06 206	9at	8:30	(AM) XXX	Taken	1-07	2009	at9:00	(AM)X\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Well on Li		Started	19	at		(AM) (PM)	Taken		19 _	at	(AM) (PM)
					OBSERVE	D SURFACE	DATA	r	· — · · · · · · · · · · · · · · · · · ·	Ouration of Shut-i	nHours
Static / Dynamic Property	Orifice Meter or Different Size Prover Pressure in (h		Pressure Differential in (h) Inches H ₂ 0	Temperature Temperature		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P_w) or (P_1) or (P_c) psig psia		Duration (Hours)	Liquid Produced (Barrels)
Shul-In		psig Inches H				145				24	
Flow									<u></u>	·	
					FLOW ST	REAM ATTR	BUTES				
Plate Coeffied (F _b) (F	eient ,)	Circle one: Meter or Prover Pressure psia	Press Extension VPmxHw	Gra Fac F	tor	Flowing Temperature Factor F ₁₁	Fa	iation actor = pv	Metered Flow R (Mcfd)	GOR (Cubic Fed Barrel)	Flowing Fluid Gravity G _m
			<u> </u>		0110 (DEL 11	VERABILITY	CALCIII	ATIONS		(D.)	2 0 207
				•			ر - 14.4) - 14.4) -			(P _a)	² = 0.207 ² =
(P _c) ² =		.: (P _w) ² =	Choose formula 1 or 2	P _d =	===						Open Flow
(P _e) ² - ((P _e)²-(P _w)²	1. P _c ² -P _s ²	LOG of formula		Slo	ssure Curv pe = "n" - or	пх	LOG	Antilog	Deliverability Equals R x Antilog
or (P _e) ² - ((P _d) ²		2. P _c ² - P _d ² divided by: P _c ² - P _d	and divide	P _c ² -P _v ²		ssigned lard Slope		LJ		Mcfd
			· · · · · · · · · · · · · · · · · · ·					_			
Open Flow Mcfd @			Mcfd @ 14.	65 psia	Deliverab	Deliverability		Mcfd @ 14.65 psia		a	
Open Fig	ow					وطفيته بطبيات	rizad to m	ake the at	nove report and	that he has know	wledge of the facts
		gned authority, o d that said repor				- 77	day	1.	lovember		wledge of the facts
		Witness	(il any)				<u> </u>	U.S.		Company	
		For Con	nmission	· · · · · · · · · · · · · · · · · · ·	 .				Preside Che	cked by	· · · · · · · · · · · · · · · · · · ·

l declare ur	nder penalty or perjury under the laws of the state of Kansas that I am authorized to request
exempt status u	"Note: Hule N.A.H. 82-3-304 on behalf of the operator Monument Resources. Inc.
and that the for	egoing information and statements contained on this application form are true and accept to
the best of fifty h	Nitrowledge and belief based upon gas production records and records of equipment installa-
tion and/or or ty	pe completion or upon use of the gas well herein named.
l hereby requ	uest a permanent exemption from open flow testing for the J. Heim #4
gas well on the	grounds that said well:
(Cha-	4
(Chec	is a coally of wall
	is a coalbed methane producer
	is a source of patural ass facility
	is a source of natural gas for injection into an oil reservoir undergoing ER
x	is on vacuum at the present time; KCC approval Docket No.
لتفا	is incapable of producing at a daily rate in excess of 150 mcf/D
*	
Date: _November	r 22 2000
bute. <u>November</u>	
	Signature:
	Title: Progrident
	Title: President

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.