KCC WICHITA

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			(See Instruct	ions on Re	verse Side))					
Op	en Flow	X Shut-in											
De	liverabilty	Pressure		Test Date 10/10/10				API N 103-	№ 15 21.091 - 🗢	00-a			
Company		urces, Inc.				Lease Gruend	el			3	Well Nu	mber	
County Location			'n	Section		TWP	TWP RNG (E/W)			Acres Attributed			
Leavenworth N/2,S/2,NE		12		108		22E			40				
Field Fairmount			Reservoir McLouth				COG Tra	ering Connec ansmission (***************************************		
Completion Date 12/24/88		Plug Bac 1192'	k Total Dept	:h		Packer Se	et at						
Casing Si 4 1/2"	Casing Size Weight 1/2" 10.5#			Internal Diameter		Set at 1192'		Perforations 1092'		то 1100'			
Tubing Si 2 3/8"	Tubing Size Weight 2 3/8" 4.7#			Internal Diameter		Set at 1080'		Perforations		То			
Type Completion (Describe) Gas				Type Fluid Production Water (Nil)				Pump Unit	t or Traveling I	Plunger? Yes	s / No		
Producing Thru (Annulus / Tubing) Annulus)	% Carbon Dioxide Nil				% Nitroge Nil	n	Gas Gravity - G _g 			
Vertical Depth(H) 1100'				Pressure Taps 						(Meter 2"	Run) (P	rover) Size	
Pressure	Buildup:	Shut in	9 20	10 at 8	:00 am	(AM) (PM)	Taken 11	1-10	20 _	10 _{at} 8:30 a	<u>m</u> ((AM) (PM)	
Well on L	ine:	Started	20) at		(AM) (PM)	Taken	······································	20 _	at	((AM) (PM)	
					OBSERVE	D SURFAC	E DATA			Duration of Shut	t-in	Hour	
Static / Dynamic Property	Orifice Size (inches)	Size Prover Pressure in		Flowing Well Head Temperature t t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	1 '	Liquid Produced (Barrels)	
Shut-In		poig (1 11)				psig 18	psia 	psig psia 2		24+	+		
Flow													
					FLOW STR		IBUTES					ī	
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia Press Extension ✓ P _m x h		Gravity T Factor F		Flowing emperature Factor F ₁₁	perature Factor		Metered Flow R (Mcfd)	GOR (Cubic F Barrel	eet/	Flowing Fluid Gravity G _m	
				(OPEN FL	OW) (DELIVI	FRABILITY) CALCUL	ATIONS					
(P _c) ² =	:	(P _w) ² =_	:	P _d =	• •		P _c - 14.4) +		•		$(x_1)^2 = 0.2$ $(x_2)^2 = 0.2$	07	
(P _c) ² - (F or (P _c) ² - (F	-	(P _c) ² - (P _w) ²	1. P _c ² - P _a ² 2. P _c ² - P _d ² ivided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide by:	P _c ² - P _w ²	Backpressure Slope = "		Curve n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flow Mcfd @ 14.			55 psia		Deliverat	Deliverability		Mcfd @ 14.65 p		sia			
The u	undersigne	ed authority, on	behalf of the	Company, s	states that he	e is duly a	uthorized to	_		and that he h			
the facts st	tated there	ein, and that sai	d report is true	and correc	t. Executed	this the _1	st	day of De	cember	-		20 10	
Marie 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Witness (if	any)			-		6	I for Con	us \$	RI	ECEIVI	
		For Commis	eion						Checke	od hu	—	C 16	
		rui Commis	aidil						Unecke	au DV	1.51		

I declare under penalty of perjury under the laws of the state of Kansas that	at I am authorized to request
exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Monument R	•
and that the foregoing pressure information and statements contained on this	
correct to the best of my knowledge and belief based upon available production s	• •
of equipment installation and/or upon type of completion or upon use being made	•
I hereby request a one-year exemption from open flow testing for the Gruen	-
gas well on the grounds that said well:	
, and the second of the second	ı
(Check one)	
is a coalbed methane producer	ı
is cycled on plunger lift due to water	+
is a source of natural gas for injection into an oil reservoir und	dergoing ER
is on vacuum at the present time; KCC approval Docket No	
is not capable of producing at a daily rate in excess of 250 m	cf/D
I further agree to supply to the best of my ability any and all supporting docu	uments deemed by Commission
taff as necessary to corroborate this claim for exemption from testing.	·
	1
pate: December 1, 2010	
ate: December 1, 2010	•
and I	
Signature:	ふし
Title: _President	
THE.	

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.

RECEIVED
DEC 0 6 2010
KCC WICHITA