

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	pen Flow	Ø SHUT-I PRæSsi	IN IRE	Test Date		uctions on Re	verse Side		, No. 15 - 103	3-20, 936	0000	
De	eliverabilty				2-20	-99		Sil	110. 15	, , , , , , ,		
Company		- 0	•	- T		Lease				•	Well Number	
11/01	<u>vu me</u>	NT Kes	OURCES	, LUC.		GRUE	NDEL				#2	
County		Locati	^{on} <i>NWNE</i> SE	Section		TWP	_	RNG (E			Acres Attributed	
Field	FUCR	+	NWNE 3E	Heservoi		T10.	<u>S</u>				40	
		1 OUNT	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Gas Gathering Connection COCP, Packer Set at					
i ii	1-2-	87		Flug Bac	/ 2 / D	un,		Packer S	et at			
					Internal Diameter Set at /2/0				Perforations /096 ' — 1108 '			
Tubing Size (1 Weight 4.7#			Internal Diameter Set at 1063				Perforations To					
• • •	npletion (C		· • · · · · · · · · · · · · · · · · · ·	Type Flui	id Production	ก	4	-Pump Ur		Plunger? Yes	-No-	
	<u> 45</u>					ER (N	1/2)			rump		
Producing Thru (Annulus / T ubing) 子もいんに仏ら				% Carbon Dioxide				% Nitrogen Gas Gravity - G				
Vertical Depth(H)					Pressure Taps					(Meter F	Run) (Provor) Si ze	
Pressure I			2-19,19	99 at 1	7:45	AM (PM)	Taken	12-0	20 - 19°	79 at 7/4	Z_(AM) (PM)-	
Well on Li	ine:	Started	19	at		_ (AM) (PM)	Taken		19	at	(AM) (PM)	
,					COBSERV	ED SURFACE	E.DATA 🚉	7		Duration of Shut-	in 24 Hours	
Static / Dynamic Property	Orifice Circle one: Size Meter or Prover Pressure		Pressure Differential in (h)	Flowing Well Head Temperature Temperatur		Casing Wellhead Pressure (P _w) or (P _s) or (P _s)		Tubing Wellhead Pressure (P_) or (P ₁) or (P ₂)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In		psig	Inches H ₂ 0	t	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	osig	psia	psig	psia		<u> </u>	
Flow						20			1-	24		
<u></u>					FI OW ST	REAM ATTRI	BIITEC	<u> </u>			1	
Plate Coeffiects (F _b) (F _b Mcfd		Circle one: Meter or over Pressure psia	Press Extension √ P _m x H _m	Grav Fact F	rity	Flowing Temperature Factor Fit	Deviation Factor		Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G	

)' =	:	(P _w)² =_	:	(OPEN FLO	OW) (DELIV	VERABILITY)	CALCUL - 14.4) +		:	(P _s) ² (P _s)	² = 0.207	
(P _e) ² - (P _e or (P _e) ² - (P _e	·	P _a) ² - (P _a) ²	1. P ₂ ² -P ₂ ² 2. P ₂ ² -P ₂ ² vided by: P ₂ ² -P ₂ ²	P ² -P ³ LOG of formula 1, or 2, and divide		Backpressure Curve Stope = "n"		n x LC	.06	Antilog	Open Flow Deliverability Equals R x Antilog Mcfd	
_												
Open Flow	<u> </u>		Mcfd @ 14.69	i neia		Deliverabili	- hu :					
							····			Icfd @ 14.65 psia		
			ehalf of the Co			s duly authori	zed to ma	ke the abo	Avica Focus	06	ledge of the facts RECELVED PRINTER TRIMMIS	
		Witness (if a	iny)			_	Ph	۵۵,		ompany	N - 13 -00	
		For Commit	ssion			****			Check		SERVATION DIVISION Wichita, Kansas	

exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Monumizat Resources, Tax, 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 CRUENDEL # 2 gas well on 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: JANUARY 5, 2000
Signature:

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.