KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

KCC WICHITA

ype Test: Open Flow Deliverabilty		(See Instruc	tions on Revers	,	Pi No. 15-0 25	- 21,049-00	JAN 28 2014 ooRECEIVEI
David W. Clothier	N. Clothier		Krier		#1-3 ^{Well Number}		
lark S	SWSW NE		Section TWP 31 33S		BNG (EW)		Acres Attributed 320
ickinney		Beservoir Mississippian		Gas Ga Claro	athering Conne	ection	•
ompletion Date 9/90		Plug Back Total Depth 5554		Packer None	Packer Set at None		
asing Size Weight .5 10.5#		Internal Diameter Set at 1.995" 5410'		Perf	orations	То	
ubing Size Weight		Internal Diameter Set at		Perf	orations	То	
pe Completion (Describe	9)	Type Fluid Production	n	Pump Ն Pump	Init or Traveling Unit	Plunger? Yes	/ No
Producing Thru (Annulus / Tubing) Fubing		% Carbon Dioxide		% Nitro	gen	Gas Gravity - G _g	
ertical Depth(H)	·	Pres	ssure Taps			(Meter F	Run) (Prover) Size
essure Buildup: Shut i	11/19 20	13 10:00 AM	. (AM) (PM) Tak	11/20 en	20	13 10:00 A	AM (AM) (PM)
/ell on Line: Starte	d 20	at	. (AM) (PM) Tak	en	20	at	(AM) (PM)
		OBSERVI	ED SURFACE D	ATA	,	Duration of Shut-	in Hours
Static / Orifice Circle one: Pressure Property Circle one: Pressure Orifice Meter Differential Inches H ₂ O				essure Wellhead Pressure or (P_c) (P_w) or (P_t) or (P_c) .		Duration Liquid Produced (Hours) (Barrels)	
Shut-in			178#	osia psig	psia	24	
Flow							
		FLOW STI	REAM ATTRIBU	TES	<u> </u>	<u>-</u>	<u> </u>
$ \begin{array}{ccc} \text{Ptate} & \textit{Circle of} \\ \text{Coefficecient} & \textit{Meter} \\ (\textbf{F}_b) (\textbf{F}_p) & \textit{Prover Pre} \\ \text{Mcfd} & \text{psia} \end{array} $	or Extension	Gravity Factor F	Flowing Temperature Factor F ₁₁	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Fer Barrel)	Flowing Fluid Gravity G_m
.) ² =:	(P _w) ² =:	(OPEN FLOW) (DELIY	_	14.4) + 14.4 = _			2 = 0.207 2 =
$(P_e)^2 - (P_a)^2$ $(P_e)^2 - (F_a)^2$ $(P_e)^2 - (F_a)^2$	Choose formula 1 or 2:	LOG of formula 1. or 2. and divide by:	Backpressur Stope = or- Assign Standard	Curve	roe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
pen Flow	Mcfd ② 14.6	5 nsia	Deliverability	verability		Mcdd @ 14.65 psia	
	ority, on behalf of the C	Company, states that	he is duly autho	12		rt and that he ha	s knowledge of, 20 <u>17</u> .
	Witness (d any)		<u></u>	WW	ForC	ompany	KCC WICH DEC 3 1 20

I declare under penalty of 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						
and that the foregoing pressure information and statements contained on this application form are true and						
correct to the best of my knowledge and belief based upon available production summaries and lease records						
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.						
I hereby request a one-year exemption from open flow testing for the <u>Krier #1-31</u>						
gas well on 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 not capable of producing at a daily rate in excess of 250 mcf/D						
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission						
staff as necessary to corroborate this claim for exemption from testing.						
Date: 12/31/2013						
Signature:						

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. KCC WICHITA KCC WICHITA

JAN 28 2014

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