Corrected 9/4/2013

orm G-2 (Rev. 7/03)

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Size	Type Test	t: en Flow	v		Test Dat	•	ctions on Re	verse Side	•	I No. 15			
Country Avairable Country Avairable Country NW SE NE NW Ad A 115 Agw Acres Attributed Avairable Agw Acres Attributed Avairable Country NW SE NE NW Ad A 115 Agw Acres Attributed Avairable	✓ De	liverabil	lty						15	- 188 -20378 -	-0000		
Mailace County NW SE NE NW 34 115 42W Gas Gathering Connection Closed Gathering System / West Kansas Pipeline Completion Date Plug Back Total Depth Packer Set at Perforations To Set 2 To To Set 2 Perforations To Set 3 Perforations Per			ces, LLC						•	197 -		Well Number	
Niobrar Closed Gathering System / West Kansas Pipeline Competion Date 1-17-2010 Plug Back Total Depth 1192 Packer Set at 19-47-2010 1192 10.5 Internal Diameter Set at 19-47-2010 Perforations To 869 898 898 11/2 10.5 Internal Diameter Set at 19-47-2010 Perforations To 869 898 898 11/2 10.5 No 869 898										E/W)	Acres Attributed		
2-17-2010	Field	Field										est Kansas Pipeline	
Tubing Size Weight Internal Diameter Set at Perforations To Only Gas No N)			ck Total Der	oth		Packer	Set at			
Type Completion (Describe) 7 Type Fluid Production 7 Pump Unit or Traveling Plunger? 7 Yes 7 No 8 Carbon Dioxide 8 Nitrogen 9 Sas Gravity - G, 7 Annulus 8 Carbon Dioxide 9 Nitrogen 9 Sas Gravity - G, 8 Nitrogen 9 Sas Gravity - G, 8 Nitrogen 9 Sas Gravity - G, 8 Nitrogen 9 Sas Gravity - G, 9 Pressure Taps 9 (Meter Run) (Prover) Size 9 Size 9 Started 5 / 21 20 13 at 8:00 13 at 8:00 14 (PM) 15 Started 5 / 21 20 13 at 8:00 15 Started 5 / 21 20 15 at 8:00 15 Started 5 / 21 20 15 at 8:00 15 Started 5 / 21 20 15 at 8:00 15 Started 5 / 21 20 15 at 8:00 15 Started 5 / 21 20 15 at 8:00 15 Started 5 / 21 20 15 at 8:00 15 Started 5 / 21 20 15 at 8:00 15 Started 5 / 21 20 15 at 8:00 15 Started 5 / 21 20 15 at 8:00 15 Started 5 / 21 20 15 at 8:00 15 Started 5 / 21 20 15 at 8:00 15 Started 5 / 21 20 15 at 8:00 15 Started 5 / 21				Internal	Diameter	Set at							
Pressure	Tubing Size Weight			Internal	Internal Diameter		Set at		orations	То			
Producing Thru (Minus) Tubing % Carbon Dioxide % Nitrogen Gas Gravity - G	Type Completion (Describe) N2 Grac "Single Gas"									nit or Traveling	g Plunger? Yes No		
Pressure	Producing Thru (Annulus / Tubing)						ide			gen	Gas Gravity - G		
Pressure Buildup: Shut in						Pres	ssure Taps				(Meter F	Run) (Prover) Size	
Note Confice Started		Buildup	: Shut in 5/	20	20 13 _{at} 8	:00	(PM)	Taken 5/	21	20	13 _{at} 8:00	(AM) (PM)	
Static / Ortflice Size Property Prover Pressure psia		·		21									
Flowing Probability Prob						OBSERVE	ED SURFACI	E DATA			Duration of Shut-	in 24 Hours	
Shut-In .500 18.1 0 93.3 6 6 6 24 0 Flow .500 15.0 13.7 64.5 3 3 24 0 FLOW STREAM ATTRIBUTES Plate Coefficient (F _p)(F _p) Moder or Prover Prassure Point (F _p)(F _p) Prover Prassure Point (P _p) ² Prover Prassure Prassure Point (P _p) ² Prover Prassure Prassure Prassure Prover Prassure Prassure Prassure Prover Prassure Prassure Prover Prassure Pra	Static / Dynamic Property	Size Meter Differen		Differentia	Temperature	Temperature Temperature		Wellhead Pressure (P _w) or (P _I) or (P _C)		ead Pressure or (P _t) or (P _c)			
FLOW STREAM ATTRIBUTES Plate Coefficient (F _p) (F	Shut-In	.500								psia	24 0		
Plate Coefficient Meter or Prover Pressure Factor F	Flow	.500	15.0	13.7	64.5		3		3		24	0	
Coefficient (F _p) (F _p) Motd Meter or Prover Pressure pia Motd Meter of Factor Fac					1	FLOW ST	REAM ATTR	IBUTES			<u> </u>		
P _c) ² =	Coeffiect	ent ,)	Meter or Prover Pressure	Extension	Fac	tor	Temperature Factor	Factor		R -(Mcfd)	(Cubic Fe	t/ Fluid Gravity	
P _c) ² =	,,				(OPEN FL	OW) (DELIV	/ERABILITY) CALCUL	ATIONS		(D.)3	0.007	
Open Flow Mcfd @ 14.65 psia Deliverability The undersigned authority, on behalf of the Company, states that he is duly authorized to make the prove report and that he has knowledge of efacts stated therein, and that said report is true and correct. Executed this the Witness (if any) Open Flow Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia Open Flow Antilog Open Flow Deliverability Antilog Open Flow 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 prove report and that he has knowledge of any of the company of th	(P _c) ² =	-	(P _w) ²	=:	•					· :			
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 e facts stated therein, and that said report is true and correct. Executed this the	(P _c) ² - (F or (P _{.c}) ² - (F	P _d) ²	(P _c) ² - (P _w) ²	1. P _c ² -P _a ² 2. P _c ² -P _d ²	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Slop Ass	oe = "n" · or; signed	n x	LOG	Antilog	Deliverability Equals R x 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 e facts stated therein, and that said report is true and correct. Executed this the													
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e facts stated therein, and that said report is true and correct. Executed this the	•		ned authority,		•	states that h	,		make th				
Witness (if any) Witness (if any)		_	•		•		•	4		Septe	nles	, 20 <u></u>	
			Witness	(if any)			_		/pr	edg M	laffix ompany KAN	RECEIVED SAS CORPORATION	
For Commission Checked by							, ·	•				SEP 0-9	

	eclare under pe	analty of perjury	under the laws of th	e state of Kansas	that I am authorized to	o request
exemp	status under R	ule K.A.R. 82-3-	304 on behalf of the o	perator Raven Re	sources, LLC	
and tha	at the foregoing	pressure inform	mation and statemen	ts contained on th	is application form are	true and
correct	to the best of m	ıy knowledge ar	nd belief based upon a	available productio	n summaries and leas	e records
					de of the gas well herei	n named.
l he	ereby request a	one-year exem	ption from open flow t	esting for the Finl	ey 1-34	
jas we	ll on the ground	ds that said well:	:			
	(Check one)		, 		4.	
		coalbed metha	·	·		
		-	er lift due to water ral gas for injection in	to an ail reconvoir :	undorgoing ED	•
			-		•	
	=		e present time; KCC a roducing at a daily rat			
	V 1311	ot capable of pi	oducing at a daily rat	e iii excess oi 250	nici/D	
l fu	rther agree to s	supply to the be	st of my ability any ar	nd all supporting de	ocuments deemed by (Commissio
	_		claim for exemption f		ouments decined by t	3011111113313
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	2/4/0040					
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)ate: <u>_</u>			Signature:	Guda .	HMc Gu	

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 RECEIVED signed and dated on the front side as though it was a verified report of annual test results. KANSAS CORPORATION COMMISSION