KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:					. (See Instruct	tions on Reve	rse Side,) .		,			
Open Flow			Test Date				ADI	No. 15						
✓ Deliverabilty				July 25,			API No. 15 15-199-20368 - 0 0 0 0							
Company Raven Resources, LLC					Lease Gebhards					Well Number #1-35				
County Location Wallace County NE/4 SE/4				Section 35		TWP 11S	_ (= .,		N)	Acres Attributed		ttributed		
Field				Reservoir Niobrara		Gas Gathering Connection Closed Gathering System (West Kansas Pipeline								
Completion Date 8/2008			Plug Bac 1187.46	k Total Dept	th	Packer Set at				-				
Casing Size Weight 4 1/2" 10.5			Internal Diameter				Perfor 869'	ations	To 901'					
Tubing Si 2 3/8"	Tubing Size Weight 4.7			Internal Diameter			Set at Perfo		ations	То				
Type Completion (Describe) CO2 Frac "Single Gas"					Type Flui Only G	d Production	n	Pump Unit or Traveling No			Plunger? Yes / Nó			
Producing Tubing	g Thru	(An	nulus / (fubing))	% C	arbon Dioxi	de		% Nitroge	en .	Gas Gr	avity - G	· · · · · · · · · · · · · · · · · · ·	
Vertical Depth(H) Pressure Taps (Meter Run) (Prove									over) Size					
Pressure Buildup: Shut in July 2 20					14 at 8	:10 ((AM)(PM) 1	AM)(PM) Taken July 23		20	14 at 8:10	-(1	ÂM) (PM)	
Well on L	.ine:		Started July	23 20	14 at 8	:10	(AM)(PM) 1	_{aken} <u>Ju</u>	ly 25	20	14 at 8:10		ÂM) (PM)	
				OBSERVED SURFACE DATA				Duration of Shu			in _504	Hours		
Static / Dynamic Property	Orifi Siz (inch	е	Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casin Wellhead P (P _w) or (P _t)	ad Pressure Wellhe		ubing ad Pressure (P ₁) or (P _c) psia	I '		d Produced Barrels)	
Shut-In	Shut-In .3750		21	0	90		7	рыа	7	paia	504	0		
Flow	Flow .3750		17.4	11.8	90		4.	· · · · · · · · · · · · · · · · · · ·	4		48 0			
	- 1					FLOW STR	REAM ATTRIE	UTES			<u> </u>		· · · · · ·	
Plate Coefficcient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension P _m x h	Grav Fac F	tor	Flowing Temperature Factor F ₁₁	perature Factor		Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
	<u>.</u>				(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS					
(P _c) ² =			(P _w) ² =_	:	. P _d =			- 14.4) +		•	(P _a)	$r^2 = 0.2$	07	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(1	P _c) ² - (P _w) ²	hoose formula 1 or 2: 1. $P_c^2 - P_s^2$ 2. $P_c^2 - P_d^2$ vided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide p 2 p 2		Backpressure Curve Slope = "n"		1		Antilog		en Flow verability R x Antilog Mcfd)	
Open Flow					65 psia		Deliverability		<u> </u>		Mcfd @ 14.65 psia		<u> </u>	
The	unders		d authority, on in, and that sai	behalf of the	Company, s	t. Executed	ne is duly auti I this the 24 RECEIVED PORATION CO	norized to	<u></u>	e above repo	rt and that he ha	as know	ledge of 20 14	
			For Commis	sion		SEI	P292 0	14	·	Chec	ked by			

CONSERVATION DIVISION WICHITA KS

I declare under penalty of perjury under the laws of the state	• • •
exempt status under Rule K.A.R. 82-3-304 on behalf of the operator	
and that the foregoing pressure information and statements con	ntained on this application form are true and
correct to the best of my knowledge and belief based upon availal	ble production summaries and lease records
of equipment installation and/or upon type of completion or upon u	
I hereby request a one-year exemption from open flow testing	for the _Gebhards #1-35
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 o	oil reservoir undergoing ER
is on vacuum at the present time, KCC approve	al Docket No
is not capable of producing at a daily rate in e	excess of 250 mcf/D
	•
I further agree to supply to the best of my ability any and all s	supporting documents deemed by Commission
staff as necessary to corroborate this claim for exemption from to	esting.
Date: 9/24/2014	
Date	
,	0-1/-
Signature: All Signature:	
$m{\mathcal{V}}$	Member, Raven Resources, LLC
Title.	

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 KANSAS CORPORATION COMMISSION