KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:			r	· (6	See Instruc	tions on Re	verse Side)		•		•	
Op	en Flov	N	1											
√ De	liverab	ilty			Test Date July 25,			-		No. 15 99-20373 -	0000			
Company Raven R		ces	, LLC				Lease Finley					#1-27	Vell Nu	mber
County Wallace County			Location NE/4 SE/4		Section 27		TWP 11S		RNG (E/W) 42W			Acre		ttributed
Field			· · · · · · · · · · · · · · · · · · ·	Reservoir Niobrara			·	Gas Gathering Connec Closed Gathering Sy			etion ystem (West Kansas Pipeline)			
Completion Date 8/2008				Plug Back 1242.77	k Total Dep	th	Packer Set at		et at	`				
Casing Size 4 1/2"			Weight	Weight 10.5		Internal Diameter		at 5.5'	Perforations 1030'		то 1057'			
Tubing Size Weight 2 3/8" 4.7				Internal D	Diameter		Set at 1020.16'		Perforations		То			
Type Con					Type Fluid	d Productio			Pump Unit or Traveli No		ng Plunger? Yes No			
Producing Thru (Annulus / Jubing) Tubing					arbon Diox	ide		% Nitrogen		Gas Gravity - G _g			èg .	
Vertical D	epth(F	i)			· .	Pres	ssure Taps	•				(Meter I	Run) (Pi	over) Size
Pressure	Buildu	p:	Shut in July	2 20	14 at 1	1:50	(AM) (PM)	Taken Ju	ıly 23	20	14 at	11:50		ÂM))(PM)
Well on L	.ine:			23 20			(AM) (PM)			20	14 at	11:50		AM)(PM)
			<u></u>			OBSERVI	ED SURFAC	E DATA			Duration	n of Shut-	_{in_} 504	Hour
Static / Dynamic Property	Size Prover Pressure in			Flowing Well Head Temperature t		Wellhead	Casing Wellhead Pressure (P _w) or {P ₁) or {P _c }		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In-	.250		psig (Pm) 19.1	inches H ₂ 0		90	psig 5	psia	psig psia		504	4 0		
Flow			16.9	7.9	90		3		3		48	· · ·	0	
						FLOW ST	REAM ATTR	IBUTES						•
Plate Coefficcient (F _b) (F _p) Mofd		Pro	Circle one: Meter or Prover Pressure psia Press Extension ✓ P _m x h		Gravity Factor F _g		Temperature Fa		viation Metered Flov actor R F _{pv} (Mcfd)		w GOR (Cubic Fee Barrel)			Flowing Fluid Gravity G _m
· ·	l				/ODEN 51				4710110					
(P _c) ² =		_:_	(P _w) ² =	<u> </u>	P _d =		VERABILITY	P _c - 14.4) +		•	,	(P _a) (P _d)	² = 0.2	07
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(F	$(P_c)^2 - (P_w)^2$ $Choose formula$ $1. P_c^2 - I$ $2. P_c^2 - I$ $divided by: P_c^2$		LOG of formula 1. or 2. and divide p 2 _ p 2		Backpressure Curv Slope = "n"or Assigned Standard Slope		n v lOG		Antilog		Del Equals	en Flow iverability : R x Antilog (Mcfd)
	·									······································				
Open Flo				Mcfd @ 14.	65 neia		Defivera				Mcfd @	14.65 ps	ia.	· · · · · · · · · · · · · · · · · · ·
		iane	d authority or	behalf of the		states that	`		to make th	e above æn				ledge of
		-	-	aid report is true	and correct	t. Ежерије КЕСЕ	_	4	day of S	egtember				20 14
			Witness (i	f any)	•	SEP 2	9 2014	1/100		For	Company		•	
-			For Comm	ission '	С		ON DIVISION)	 ,	Che	ecked by	<u> </u>		

		, a	
		Maria de la companya	
I declare under penalty of perjury ur	nder the laws of the	state of Kansas tha	I am authorized to request
exempt status under Rule K.A.R. 82-3-30	4 on behalf of the ope	rator Raven Resou	rces, LLC
and that the foregoing pressure informa	tion and statements	contained on this a	oplication form are true and
correct to the best of my knowledge and b	belief based upon av	ailable production su	ummaries and lease records
of equipment installation and/or upon type	e of completion or up	on use being made o	of the gas well herein named.
I hereby request a one-year exemption	on from open flow tes	ting for the Finley #	1 1-27
gas well on the grounds that said well:			
(Check one)			
is a coalbed methane	producer		
is cycled on plunger li	ift due to water		•
is a source of natural	gas for injection into	an oil reservoir unde	ergoing ER
is on vacuum at the pr	resent time; KCC app	roval Docket No	
✓ is not capable of prod	lucing at a daily rate	in excess of 250 mc	f/D
I further agree to supply to the best of	of my ability any and	all supporting docu	ments deemed by Commission
staff as necessary to corroborate this cla	•		nents deemed by Commission
,		,,, toomig.	
Date: September 24, 2014			ing the way of the state of the
		••	
	./		
	Signature:	in De	\supset
	Title: Manag	ing Member, Raver	Resources, LLC
	•		•
Paris - Paris			

Instructions:

RECEIVED
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SEP 2 9 2014
CONSERVATION DIVISION
WICHITA, KS

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.