KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:	•			(See Instruct	ions on Reve	erse Side)	*	• •	
Or	en Flov	v _.			.							
√ De	eliverabi	ity	•		Test Date July 25,					No. 15 199-20374 -	0000	•
Company Raven F		ces, I	LC				Lease Agnew			,		Well Number
County Wallace			Locati SE/4 S		Section 13		TWP 11S		RNG (E/	W)		Acres Attributed
Field					Reservoir			<u>,</u>	Gas Gat	hering Conne Gathering S		ansas Pipeline)
Completi 11/2008		•			Plug Bac 1371'	k Total Dept	h		Packer S	 		
Casing S	Size .	_	Weigh	t :	Internal [Diameter	Set at 1386		Perfo	rations 2'	то 1076'	······································
Tubing S 2 3/8"	ize		Weigh	t	Internal [Diameter	Set at .1024			rations	То	· <u> </u>
Type Cor "Single		(Des			Type Flui Only G	d Production		,	Pump Ur	it or Traveling	Plunger? Yes	(No)
Producin	g Thru	Annu	lus / Tubing	g) .		Carbon Dioxi	de		% Nitrog	en	Gas Gr	avity - G _g
Annulu					•							
Vertical 0 1395'	Jepin(H					Pres	sure Taps				.500	Run) (Prover) Size
Pressure	Buildup		nut in July		0 14 at 1		(AM) (PM) 1				14 at 11:00	(AM) (PM)
Well on L	_ine:	St	_{arted} July	/ 23 2	0 14 at 1	1:00	(AM) (PM) 1	_{Taken} Ju	ly 25	20	14 at 11:00	(PM)
	,					OBSERVE	D SURFACE	DATA			Duration of Shut	in 504 Hours
Static / Dynamic Property	Orific Size (inche	,	Circle one: Meter Prover Fressu psig (Pm)	Pressure Differential in, Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casin Wellhead P (P _w) or (P _t)	ressure or (P _c)	Wellhe	ubing ad Pressure (P _t) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)
Shut-In	.375	0	22.8	0	-	90	psig 8	psia	psig 8	psia	504	0
Flow	.375	0	17.9	33.8		90	5		5		48	0
						FLOW STR	EAM ATTRIE	BUTES		•		
Plate Coeffied (F _b) (F Mofe	cient	М	rcle one: leter or er Pressure psia	Press Extension ✓ P _m x h	Grav Fac F	tor 1	Flowing Temperature Factor F ₁₁	Fa	ation ctor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	et/ Fluid
•									<u> </u>	<u> </u>		
(P _c) ² =		:	(P _w) ² =	. :	(OPEN FLO		ERABILITY) % (P	CALCUL - 14.4) +		; •	(P _a) (P _d)	² = 0.207 ² =
(P _c)²- (or (P _c)²- (•	(P _e)	²- (P _w)²	Choose formula 1 or 2 1. P _c ² - P _d ² 2. P _c ² - P _d ² divided by: P _c ² - P _d	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Slope C Assi	sure Curve = "n" or gned d Slope	nx	og [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
			· ·						-		* .	
						- Andrews					• .	
Open Flo	w			Mcfd @ 14.	65 psia		Deliverabili	ity			Mcfd @ 14.65 ps	a ·
											and that he ha	is knowledge of
the facts s	stated th	erein,	and that sa	aid report is true	e and correc KAN	t. Executed SAS CORPO	CEIVED 24	MISSION	day of S	epitember/		, 20 _14
****			Witness (i	f any)		SEP	2 9 201	101:	(, For C	ompany	
			For Comm	ission		CONSE	EVATION DIVIS	NON		Chec	ked by	

	W		
· · · · · · · · · · · · · · · · · · ·	perjury under the laws of the state		•
exempt status under Rule K.A.	R. 82-3-304 on behalf of the operator	Raven Resources, LLC	
and that the foregoing pressu	re information and statements conta	ained on this application	form are true and
correct to the best of my knowl	edge and belief based upon availabl	e production summaries	and lease records
of equipment installation and/o	r upon type of completion or upon us	e being made of the gas v	vell herein named.
I hereby request a one-yea	r exemption from open flow testing fo	or the Agnew #1-13	
gas well on the grounds that s	•		
			:
(Check one)		·	,
is a coalbe	d methane producer		*. *
is cycled or	n plunger lift due to water		*
is a source	of natural gas for injection into an oil	l reservoir undergoing EF	3
` <u></u>	m at the present time; KCC approval		
<u></u>	ble of producing at a daily rate in exc		•
₩ 15 Hot Gapa	,	0000 01 200 Mon D	
I further agree to supply to	the best of my ability any and all su	innorting documents dee	med by Commission
	ate this claim for exemption from tes		mod by Commission
stati as fiecessary to corrobor	ate this claim for exemption from tes	sung.	
		• •	
Date: Septémber 24, 2014			
•		4.	
	^	~4/)	
	<i>[</i> \		·/
	Signature:	W	X
	Title. Managing N	Member, Raven Resource	es LLC
	Title:wanaging is	Tombor, Naven Nosoulot	*
			· · · · · · · · · · · · · · · · · · ·
•			

Instructions:

RECEIVED
KANSAS CORPORATION COMMISSION
SED 20 2011

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.