KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				((See Instruc	tions on Re	everse Side)					
√ Op	oen Flo	w			Test Date	۵٠			ADIA	lo 15				
Deliverabilty Test Date: 4-21-10							API No. 15 15-199-20372 (5000							
Company Raven Resources, LLC						Lease Finley				Well Number #1-22				
County Location Wallace County S/2 N/2 NE NE				Section 22		TWP 11S	- (- (Acres Attributed				
Field					Reservoi Niobrara				Gas Gathe	ering Conn	ection			
Completion 3-17-10	on Dat	te			Plug Bac 1236'	Plug Back Total Depth 1236'				t at				
Casing S 4 1/2"	Casing Size Weight 10.5			Internal (Diameter	Set at		Perforations 1043'		то 1075'				
Tubing S	ize		Weight		Internal (Diameter	Set at		Perforations		То			
Type Con N2 Frac		n (Describe)		Type Flui	d Productio	n		Pump Unit	or Traveling	g Plunger? Ye	es / No		
Producing	g Thru	(Annulus /	Tubing)		% C	% Carbon Dioxide			% Nitroger	Gas Gravity - G _g				
Vertical D	Depth(H	- 1)				Pressure Taps				٠	(Mete	er Run) (P	rover) Size	
Pressure Buildup: Shut in 4-20 20				10 at 9:00 am (AM) (PM) Taken 4-				21						
Well on L	Well on Line: Started 4-21 20		10 at 9:00 am (AM) (Pi) Taken 4-22 20			10 at 9:00 am (AM) (PM)					
	T			Pressure		OBSERVE	D SURFAC	E DATA			Duration of Sh	ut-in	Hou	
Static / Dynamic Property	namic Size		Meter Prover Pressure		Flowing Well He Temperature t		re Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	1 '	Liquid Produced (Barrels)	
Shut-In	hut-In .500"						psig 20	psia	psig	psia	24	24 0		
Flow	.500)" 16		14	- 1410-4		12				24	0.		
						FLOW STE	REAM ATTR	IBUTES						
Plate Coefficeient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension √ P _m x h	Grav Fact F _c	tor	Flowing Temperature Factor F ₁₁	erature Factor		Metered Flow R (Mcfd)	w GO (Cubic Barr	Feet/	Flowing Fluid Gravity G _m	
	1			- draw	(OPEN FL	OW) (DELIV	ERABILITY) CALCUL	ATIONS			$(P_a)^2 = 0.2$	207	
P _c) ² =		_:	(P _w) ² =_	<u> </u>	P _d =		% (F	_c - 14.4) +	14.4 =	 :) ₀) ² =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ² 1.		Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$ LOG of formula 1. or 2. and divide by: $P_c^2 - P_w^2$		P _c ² - P _w ²	Backpressure Curve Slope = "n"or Assigned Standard Slope		n x LOG		Antilog	Del Equals	Open Flow Deliverability Equals R x Antilog (Mcfd)	

Open Flor	W			Mcfd @ 14.6	oo psia		Deliverab	onity			Mcfd @ 14.65	osia		
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hat I am authorized to request sources, LLC application form are true and summaries and lease records to of the gas well herein named.
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cuments deemed by Commission
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mcf/D

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
JUL 2 6 2010
KCC WICHITA

Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test				P	See Instructi	ons on Rev	verse Side)			•		
✓ Op	en Flow			Test Data	37			ATIA	ala is				
Del	liverability			±्डा स्ट्रसाट				API	No. 15				
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	Thru (A	nnulus / Tubing) ·	% C	Carbon Dioxid	18	<u> </u>	% Nitrog	eu	Gas G	ravity - C	ì,,	
Anna /ertical D		<u> </u>			Proce	ure Taps	Annai annanana	**************************************	entering in the second second second	/Major	Buo) (P	rover) Size	
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ressure	Buildup:	Shut in	·20 2	0 / Ø at	9:00	(1 669) (PIM)	Taken	4-21	20	10 at _9:0	20 ((D) (PM)	
Well on L	ina	Started 4-	2/ 2	5 10 M	9:10	Ph mm	Takan	4-22	20	10 at 9:0	. من	S mu	
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Static /	Orifice	Cirdle belov	Pressure	Flowing	Well Head	Wellhead Pressure		Tubing Wallhead Pressure		Duration Liqui			
mamic	Siza	Meter Prover Pressur	Differential re in		Temperature							d Produced	
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Open Flow Mold @ 14.65				65 ps:a Defiverability				Metd @ 14.65 psia					
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