

Kansas Corporation Commission Oil & Gas Conservation Division 1086609

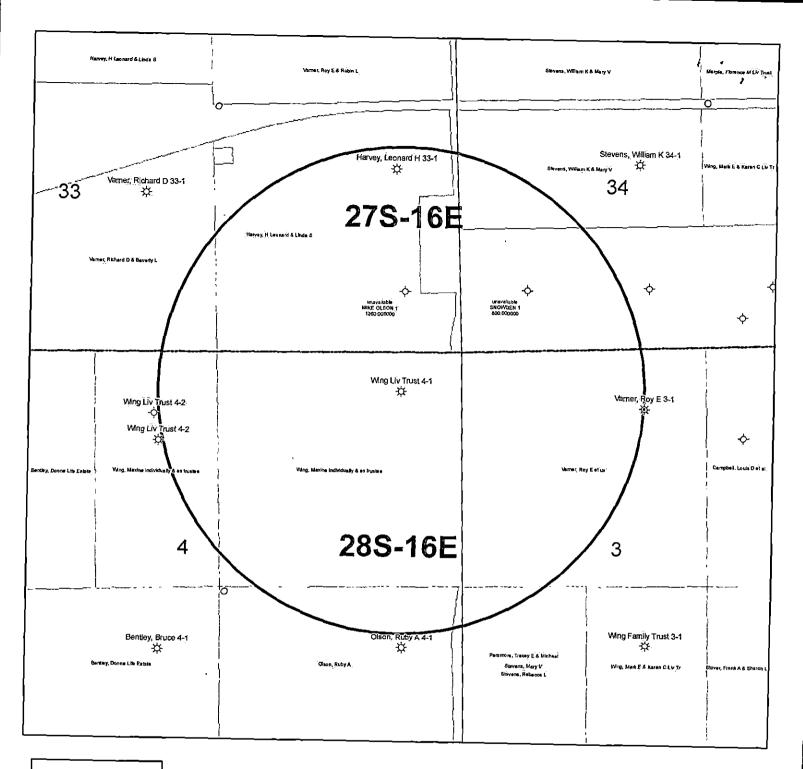
Form ACO-4 Form must be typed March 2009

APPLICATION FOR COMMINGLING OF Commingling ID # CO081211 PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a)

OPERATOR: License # 33343	API No. 15 - 15-205-25810-00-00
Name: PostRock Midcontinent Production LLC	Spot Description:
Address 1: Oklahoma Tower	S2 N2 NE NE Sec. 4 Twp. 28 S. R. 16 ✓ East West
Address 2: 210 Park Ave, Ste 2750	510 Feet from North / South Line of Section
City: OKLAHOMA CITY State: OK Zip: 73102 +	
Contact Person: CLARK EDWARDS	County: Wilson
Phone: (620) 432-4200	Lease Name: WING TRUST Well #: 4-1
 Name and upper and lower limit of each production interval to 	be commingled:
Formation: RIVERTON	(Perfs): 1205-1207
Formation: BLUEJACKET	(Perfs): 1070-1072
Formation: FLEMING	(Perfs): 953-955
Formation: CROWEBURG	(Perfs): 918-921
Formation: BEVIER	(Perfs): 900-902
Torridation.	(1010).
 Estimated amount of fluid production to be commingled from e 	each interval:
Formation: RIVERTON	BOPD: 0 MCFPD: 0 BWPD: 5.71
Formation: BLUEJACKET	BOPD: 0 MCFPD: 0 BWPD: 5.71
Formation: FLEMING	
Formation: CROWEBURG	BOPD: 0 MCFPD: 0 BWPD: 5.71
Formation: BEVIER	$_{\text{BOPD:}} 0$ $_{\text{MCFPD:}} 0$ $_{\text{BWPD:}} 5.71$
2 3. Plat map showing the location of the subject well, all other well the subject well, and for each well the names and addresses of the subject well.	lls on the subject lease, and all wells on offsetting leases within a 1/2 mile radius of fithe lessee of record or operator.
4. Signed certificate showing service of the application and affida	avit of publication as required in K.A.R. 82-3-135a.
For Commingling of PRODUCTION ONLY, include the following:	
5. Wireline log of subject well. Previously Filed with ACO-1:	Yes No
6. Complete Form ACO-1 (Well Completion form) for the subject	well.
For Commingling of FLUIDS ONLY, include the following:	
7. Well construction diagram of subject well.	
8. Any available water chemistry data demonstrating the compat	ibility of the fluids to be commingled.
AFFIDAVIT: I am the affiant and hereby certify that to the best of my current information, knowledge and personal belief, this request for commingling is true and proper and I have no information or knowledge, which is inconsistent with the information supplied in this application.	Submitted Electronically
KCC Office Use Only	Protests may be filed by any party having a valid interest in the application. Protests must be
	in writing and comply with K.A.R. 82-3-135b and must be filed within 15 days of publication of
☐ Denied	the notice of application.
15-Day Periods Ends: 012012012	

Date: 08/29/2012

Approved By: Rick Hestermann



KGS STATUS

- ♦ DA/PA
- ⊕ EOR
- ☼ GAS
- △ INJ/SWD
- OIL
- * OIL/GAS
- OTHER

Wing Liv Trust 4-1 4-28S-16E 1" = 1,000'

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM **WELL HISTORY - DESCRIP**

Operator: License #_33344

Address: 211 W. 14th Street City/State/Zip: Chanute, KS 66720 Purchaser: Bluestem Pipeline, LLC Operator Contact Person: Richard Marlin

Phone: (620) 431-9500

License: 33374

.. .__ Dry

Well Name: _

05/29/04

Spud Date or

Recompletion Date

..... Deepening

.... _ Commingled

____ Dual Completion

_ Other (SWD or Enhr.?)

Contractor: Name: L & S Well Service

___ Gas ____ ENHR ____ SIGW

If Workover/Re-entry: Old Well Info as follows:

____ New Well _____ Re-Entry _ ___ Workover

____ .SWD _____ SIOW .____Temp. Abd.

_____Other (Core, WSW, Expl., Cathodic, etc)

_ . __ Conv. to Enhr./SWD

06/15/04

Completion Date or

Recompletion Date

Original Comp. Date: _____ Original Total Depth: _____

_____ Plug Back _____ Plug Back Total Depth

Docket No._

Docket No.__

Docket No.

____ Re-perf.

06/02/04

Date Reached TD

Wellsite Geologist: Michael Ebers Designate Type of Completion:

Name: Quest Cherokee Oilfield Service, LLC

HON OF WELL & LEASE
API No. 15 - 205-25810-00-00
County: Wilson
ne - ne Sec. 4 Twp. 28 S. R. 16 [/] East [West
teet from S /(N)(circle one) Line of Section
660 feet from E W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(ctrcle one) (NE) SE NW SW Lease Name: Wing Trust Well #: 4-1
Field Name: Cherokee Basin CBM
Producing Formation: Not yet complete
Elevation: Ground: Kelly Bushing:
Total Depth: 1262' Plug Back Total Depth: 1255.04'
Amount of Surface Pipe Set and Cemented at 21'6" Feet
Multiple Stage Cementing Collar Used?
If yes, show depth setFeet
If Alternate II completion, cement circulated from 1255.04'
feet depth to surface w/ 165 sx cmt.
Drilling Fluid Management Plan ALT #2 Kgk 5/14 (Data must be collected from the Reserve Fin)
Chloride contentppm Fluid volumebbis
Dewatering method used
Location of fluid disposal if hauled offsite:
Operator Name: KANSAS CORPORATION COMMISSION
Lease Name: License No.:
QuarterSecTwpS. R.US
County:

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita,

Information of side two of this form will be held confidential for a period of 12 months if re 107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-	equested in writing and submitted with the form (see rule 82-3-twell report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulate the oil and herein are complete and correct to the best of my knowledge. Signature: All All All All All All All All All Al	I gas industry have been fully complied with and the statements KCC Office Use ONLY Letter of Confidentiality Received If Denled, Yes Date:
Notary Public: January Public: 130/05 A JENNIFER R. HOUSTON Rotery Public: State of Kansas	
My Appt. Expires 7/30/0.5	

Derator Name: _ 🚾.	est Cherokee Oil	field Service, LLC	Leas	e Name: \	Wing Trust			. Well #: 4-1	
Sec. 4 Twp. 2	8 S. R. 16	☑ East ☐ West	Count	ty: Wilso	n				
ested, time tool ope emperature, fluid re	n and closed, flowin covery, and flow rate	and base of formations g and shut-in pressure as if gas to surface tes final geological well si	es, whether s t, along with	shut-In pre	essure reached	static le	vel, hydros	static pressure	es, bottom hole
rill Stem Tests Take (Attach Additional		☐ Yes 🗸 No		[V]	og Formati	on (Top)), Depth ar	nd Datum	Sample
Samples Sent to Ge	•	☐ Yes ☑ No		Nam	-			Top	Datum
Cores Taken		☐ Yes ✓ No			apah Lime mont Lime			602 1/2'	+395 1/2
lectric Log Run		☑ Yes ☐ No			nee Lime			637' 750'	+361'
(Submit Copy)									+248'
lst All E. Logs Run:					rego Lime			804' 916'	+194' +82'
O	-/N I4			1	digris Lime			1221'	-223'
Comp Density Dual Induction				IVIISS	sissippi Lime			1221	-223
	-· ·····		NG RECORD		D				——————————————————————————————————————
	Size Hole	Report all strings s	r- · · ·	eight	ermediate, product	·	 ype af	# Sacks	Type and Perce
Purpose of String Surface	Drilled 11"	Set (In O.D.)		. / Ft.	Depth 21'6"	"A"	ement	Used 6sx	Additives
Production	6 3/4"	4 1/2"	10.5#			ļ			
	_ 	4 1/2	10.5#		1255.04'	"A" 		165sx	·
		ADDITION	IAL CEMENT	ING / SQL	JEEZE RECORD	,		<u> </u>	l
Purpose:	Depth Top Bottom	Type of Cement	#Sack	s Used			Type and Pe	ercent Additives	
Shots Per Foot	PERFORATI	ION RECORD - Bridge I	Plugs Set/Type	 	Acid. Fra	cture. Sh	ot. Gement	Squeeze Record	····
		Footage of Each Interval					Kind of Mat		Depti
None	Waiting On Pipe	eline		<u>.</u>	KANSAS	REC	EIVED RATION CO	Maission	
		·				APR			
	. —				CK	ONSERV WK	ATION DIVIS HITA, KS	KOIS	
TUBING RECORD	Size	Set At	Packer /	At	Liner Run	Yes	│		
Date of First, Resumer	d Production, SWD or E	Enhr. Producing N		 Flowing	l		Gas Lift		r (Explain)
Estimated Production Per 24 Hours	OII	Bbls. Gas	Mcf	Wate		ois.	<u> </u>	as-Oll Ratio	Gravity
	<u> </u>	<u></u>					<u> </u>		
Disposition of Gas	METHOD OF C	COMPLETION			Production Inten	val	Ţ		

2 3 4 5 6 7 8 9 10 11 12 13 14	A Produced Fluids # Parameters Select the brines Sample ID Date Operator Well Name	В		D 1	E	F	G	н	1	J	K
2 3 4 5 6 7 8 9 10 11 12 13 14	Parameters Select the brines Sample ID Date Operator			2	3	4	5		<u> </u>	<u> </u>	
4 5 6 7 8 9 10 11 12 13 14	Sample ID Date Operator	Units	Input	Input	Input	Input	Input		Click he	re	Click
5 6 7 8 9 10 11 12 13 14 15	Date Operator	Select fluid	7		'n	,in		Mixed brine:	to run S		
6 7 8 9 10 11 12 13 14	Operator	by checking						Cell H28 is	•=		Click
7 8 9 10 11 12 13 14		the box(es),	3/19/2012	3/4/2012	3/14/2012	1/20/2012	1/20/2012	STP calc. pH.			
8 9 10 11 12 13 14		Row 3	PostRock	PostRock	PostRock	PostRock	PostRock	Cells H35-38			Click
9 10 11 12 13 14 15	Location		Ward Feed #34-1	Ward Feed #4-1	Clinesmith #5-4	Clinesmith #1	Clinesmith #2	are used in mixed brines	Goal Seek	SSP	
10 11 12 13 14	Field		CBM	CBM	Bartles	Bartles	#2 Bartles	calculations.			Click
11 12 13 14	Na ⁺	(mg/l)*	19,433.00	27,381.00	26,534.00	25689,00	24220.00	24654,20	Initial(BH)	Final(WH)	T -
12 13 14 15	K*(if not known =0)		17,433.00	27,501.00	20,004,00	2009,00	24220.00		`		SI/SR (Final-Initial)
13 14 15	Mg ²⁺	(mg/l)	1 00 5 00			l————			Saturation Index		(Final-Initial)
14	Ca ²⁺	(mg/l)	1,096.00	872.00	1,200.00	953.00	858.00	995.91		lcite	
15	Sr ²⁺	(mg/l)	1,836.00	2,452.00	2,044.00	1920.00	1948.00	2040.23	-0,73	-0.60	0.13
75	Sr Ba ²⁺	(mg/l)		-		 		0.00	Ba	rite	
$\overline{}$	Fe ²⁺	(mg/l)				<u> </u>		0.00			↓
_	Zn ²⁺	(mg/l)	40.00	21.00	18.00	82,00	90.00	50.21		lite	
		(mg/l)						0.00	-1.77	-1.80	-0.03
-	Pb ²⁺	(mg/l)						0.00		sum	
H	CI'	(mg/l)	36,299.00	48,965.00	47,874.00	45632.00	43147.00	44388.44	-3.19	-3.18	0.00
\rightarrow	SO ₄ ²	(mg/l)	1.00	1.00	8.00	1.00	1.00	2.40		hydrate	
<u> </u>	F'	(mg/l)						0,00	-3.96	-3.90	0.06
	Br'	(mg/l)						0.00		ydrite	<u> </u>
-	SiO2	(mg/l) SiO2						0.00	-3,47	-3.36	0.12
	HCO3 Alkalinity**	(mg/l as HCO3)	190.00	234.00	259,00	268.00	254.00	241.03	Cel	estite	4
-	CO3 Alkalinity	(mg/i as CO3)				[4
$\overline{}$	Carboxylic acids**	(mg/l)						0.00		Sulfide	
-	Ammonia	(mg/L) NH3						0.00	-0.16	-0.22	-0.06
-	Borate	(mg/L) H3BO3						0.00	Zinc :	Sulfide	
\vdash	TDS (Measured)	(mg/l)				 		72781			-
	Calc. Density (STP)	(g/ml)	1.038	1.051	1.050	1.048	1.045	1.047	Calciun	fluoride	_
-	CO ₂ Gas Analysis H ₂ S Gas Analysis***	(%)	19.97 0.0289	18.76 0.0292	22.41 0.0296	35.53 0.0306	33.79 0.0151	26.16 0.0269	Torra Co		+
_	Total H2Saq	(mgH2S/I)	1.00	1.00	1.00	1.00	0.50	0.0269	-0.74	-0.51	0.23
-	pH, measured (STP)	pH	5,67	5.76	5.72	5.54	5,55	5.63		eded (mg/L)	0.23
<u> </u>	p-14 (011)	U-CO2%+Alk,	2,07	50	0.7.2		0,55	5.03	Calcite	NTMP	┥
IJ	Choose one option					j		J			
35	to calculate SI?		. 0	0	0	0	0				4
_	Gas/day(thousand cf/day) Oil/Day	(Mcf/D) (B/D)				L		0		0.00 BHPMP	4
_	Water/Day	(B/D)	100	100	100	100	100	500	Barite 0.00	0.00	-
	For mixed brines, enter val						100	(Enter H40-H43)		Н	1
	Initial T	(F)	66.0	71.0	70,0	41.0	49.0	60.0	5.69	5.60	Ĭ
▭	Final T	(F)	66.0	71.0	70.0	41.0	49.0	89.0		CentiPoise)	7
\vdash	Initial P	(psia)	25.0	25.0	25.0	25.0	25.0	25.0	1.196	0.826	4
	Final P	(psia)	25.0	25,0	25.0	25.0	25.0	120.0		ty (cal/ml/°C)	_
	Use TP on Calcile sheet? API Oil Grav.	1-Yes;0-No API grav,				 	—	30.00	0,955 Inhibitor ne	0.959 eeded (mg/L)	4
	Gas Sp.Gray.	Sp.Grav.				<u> </u>		0,60		HDTMP	1
47	MeOH/Day	(B/D)	0	_				0	0.00	0.00]
_	MEG/Day	(B/D)	0					0	Anhydrite	HDTMP]
	Conc. Multiplier					 			0,00	0.00	L
-	H' (Strong acid)	(N)		-		<u> </u>					
50	OH (Strong base) ¹ Quality Control Checks at	(N)				<u> </u>		L			
50 51	H ₂ S Gas	(%)		_							
50 51 52		(mgH2S/I)				 					
50 51 52 53	Total H2Saq (STP)								-		
50 51 52 53 54 55	Total H2Saq (STP) pH Calculated	(pH)									
50 51 52 53 54 55 56	Total H2Saq (STP) pH Calculated PCO2 Calculated	(pH) (%)							.•		
50 51 52 53 54 55 56 57	Total H2Saq (STP) pH Calculated	(pH) (%) (mg/l) as HCO3							.,		
50 51 52 53 54 55 56 57 58	Total H2Saq (STP) pH Calculated PCO2 Calculated Alkalinity Caclulated	(pH) (%)							•		
50 51 52 53 54 55 56 57 58 59 60	Total H2Saq (STP) pH Calculated PCO2 Calculated Alkalinity Cactulated ECations= EAnions= Cate TDS=	(pH) (%) (mg/l) as HCO3 (equiv./l) (equiv./l) (mg/l)				,					
50 51 52 53 54 55 56 57 58 59 60 61	Total H2Saq (STP) pH Calculated PCO2 Calculated Alkalinity Cactulated ECations= EAnions= Cate TDS= Inhibitor Selection	(pH) (%) (mg/l) as HCO3 (equiv./l) (equiv./l) (mg/l) Input	Unit	#	Inhibitor		(From metric				
50 51 52 53 54 55 56 57 58 59 60 61 62	Total H2Saq (STP) pH Calculated PCO2 Calculated Alkafinity Caclulated ECations= EAnions= Calc TDS= Inhibitor Selection Protection Time	(pH) (%) (mg/l) as HCO3 (equiv./l) (equiv./l) (mg/l)	Unit min	1	NTMP	From Unit	Value	To Unit	Value		
50 51 52 53 54 55 56 57 58 59 60 61 62 63	Total H2Saq (STP) pH Calculated PCO2 Calculated Alkalinity Caclulated ECations= EAnions= Calc TDS= Inhibitor Selection Protection Time Have ScaleSoftPitzer	(pH) (%) (mg/l) as HCO3 (equiv./l) (equiv./l) (mg/l) Input 120	min	1 2	NTMP BHPMP	From Unit °C	Value 80	To Unit °F	176		
50 51 52 53 54 55 56 57 58 59 60 61 62 63 64	Total H2Saq (STP) pH Calculated PCO2 Calculated Alkalinity Caclulated ECations= EAnions= Calc TDS= Inhibitor Selection Protection Time Have ScaleSoftPitzer plck inhibitor for you?	(pH) (%) (mg/l) as HCO3 (equiv./l) (equiv./l) (mg/l) Input 120	min 1-Yes;0-No	1 2 3	NTMP BHPMP PAA	From Unit °C m³	Value 80 100	To Unit °F ft³	176 3,531		
50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65	Total H2Saq (STP) pH Calculated PCO2 Calculated Alkafinity Caclulated 2Cations= EAnions= Carc TDS= Inhibitor Selection Protection Time Have ScaleSoftPitzer pick inhibitor for you? If No, inhibitor # is:	(pH) (%) (mg/l) as HCO3 (equiv./l) (equiv./l) (mg/l) Input 120	min	1 2 3 4	NTMP BHPMP PAA DTPMP	From Unit °C m³ m³	Value 80 100 100	To Unit °F ft ³ bb!(42 US gal)	176 3,531 629		
50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66	Total H2Saq (STP) pH Calculated PCO2 Calculated Alkafinity Caclulated 2Cations= EAnions= Calc TDS= Inhibitor Selection Protection Time Have ScaleSoftPitzer pick inhibitor for you? If No, inhibitor # is: If you select Mixed,	(pH) (%) (mg/l) as HCO3 (equiv/l) (equiv/l) (mg/l) Input 120 1	min 1-Yes;0-No #	1 2 3 4 5	NTMP BHPMP PAA DTPMP PPCA	From Unit °C m³ m³ MPa	Value 80 100 100 1,000	To Unit °F ft³ bb!(42 US gal) psia	176 3,531 629 145,074		
50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67	Total H2Saq (STP) pH Calculated PCO2 Calculated Alkafinity Caclulated 2Cations= EAnions= Calc TDS= Inhibitor Selection Protection Time Have ScaleSoftPitzer pick inhibitor for you? If No, inhibitor # is: If you select Mixed, 1" inhibitor # is:	(pH) (%) (mg/l) as HCO3 (equiv./l) (equiv./l) (mg/l) Input 120 1 4	min 1-Yes;0-No # #	1 2 3 4 5	NTMP BHPMP PAA DTPMP PPCA SPA	From Unit °C m³ m³ MPa Bar	Value 80 100 100 1,000 496	To Unit °F ft³ bb!(42 US gal) psia psia	176 3,531 629 145,074 7,194		
50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68	Total H2Saq (STP) pH Calculated PCO2 Calculated PCO3 Calculated ECations= EAnions= Calc TDS= Inhibitor Selection Protection Time Have ScaleSottPitzer pick inhibitor for you? If No, inhibitor # is: If you select Mixed, 1st inhibitor # is: % of 1st inhibitor is:	(pH) (%) (mg/l) as HCO3 (equiv./l) (equiv./l) (mg/l) Input 120 1 4 1 50	min I-Yes;0-No # # %	1 2 3 4 5 6	NTMP BHPMP PAA DTPMP PPCA SPA HEDP	From Unit °C m³ m³ MPa Bar Torr	Value 80 100 100 1,000 496 10,000	To Unit °F ft³ bb!(42 US gal) psia psia psia	176 3,531 629 145,074 7,194 193		
50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69	Total H2Saq (STP) pH Calculated PCO2 Calculated Alkafinity Caclulated 2Cations= EAnions= Calc TDS= Inhibitor Selection Protection Time Have ScaleSoftPitzer pick inhibitor for you? If No, inhibitor # is: If you select Mixed, 1" inhibitor # is:	(pH) (%) (mg/l) as HCO3 (equiv./l) (equiv./l) (mg/l) Input 120 1 4	min 1-Yes;0-No # #	1 2 3 4 5	NTMP BHPMP PAA DTPMP PPCA SPA	From Unit °C m³ m³ MPa Bar	Value 80 100 100 1,000 496	To Unit °F ft³ bb!(42 US gal) psia psia	176 3,531 629 145,074 7,194		

Saturation Index Calculations

Champion Technologies, Inc. (Based on the Tomson-Oddo Model)

Brine 1: Ward Feed Yard 34-1 Brine 2: Ward Feed Yard 4-1 Brine 3: Clinesmith 5-4

Brine 4: Clinesmith 1 Brine 5: Clinesmith 2

			Ratio					
]	20%	20% 20% 20% 20						
Component (mg/L)	Brine 1	Brine 2	Brine 3	Brine 4	Brine 5	Mixed Brine		
Calcium	1836	2452	2044	1920	1948	1952		
Magnesium	1096	872	1200	953	858	865		
Barium	0	0	0	0	0	0		
Strontium	0	0	0	0	0	0		
Bicarbonate	190	234	259	268	254	253		
Sulfate	1	1	8	1	1	1		
Chloride	36299	48965	47874	45632	43147	43206		
CO ₂ in Brine	246	220	264	422	405	401		
Ionic Strength	1.12	1.48	1.46	1.38	1.31	1.31		
Temperature (°F)	89	89	89	89	89	89		
Pressure (psia)	50	50	120	120	120	119		

Saturation Index

	_				_	
Calcite	-1.71	-1.41	-1.48	-1.68	-1.69	-1.69
Gypsum	-3.71	-3.64	-2.82	-3.73	-3.72	-3.69
Hemihydrate	-3.70	-3.65	-2.83	-3.74	-3.71	-3.69
Anhydrite	-3.89	-3.79	-2.97	-3.89	-3.88	-3.85
Barite	N/A	N/A	N/A_	N/A	N/A	N/A
Celestite	N/A	N/A	N/A	N/A	N/A	N/A

PTB

Calcite	N/A	N/A	N/A	N/A	N/A	N/A
Gypsum	N/A	N/A	N/A	N/A	N/A	N/A
Hemihydrate	N/A	N/A	N/A	N/A	N/A	N/A
Anhydrite	N/A	N/A	N/A	N/A	N/A	N/A
Barite	N/A	N/A	N/A	N/A	N/A	N/A
Celestite	N/A	N/A	N/A	N/A	N/A	N/A



Wellbore Schematic

WELL: Wing Liv Trust 4-1

SSI: 603860

API: 15-205-25810-00-00 LOCATION: NE NE Sec. 4-28S-16E

COUNTY: Wilson

STATE: Kansas 8.625" @ 21*.*5' 4.5" 10.5# J-55, 4.05" ID w/ 0.0159 bbl/ft capacity @ 1255' Perfs: - Riverton 1205-1207 (9) Bluejacket 1070-1072 (9) - Fleming 953-955 (9) - Croweburg 918-921 (13) Bevier 900-902 (9) - Mulky 835-839 (17) - Summit 822-826 (17) Spud Date: 5/29/2004 Completion Date: 8/16/2006 Riverton/Bluejacket: - 5200# 20/40 - 300 gal 15% - 325 bbls - 12 bpm Flem/Crowe/Bevier: - 10400# 20/40 - 400 gal 15% Completions - 520 bbls - 16 bpm Mulky/Summit: - 13100# 20/40 - 300 gal 15% - 548 bbls - 20 bpm MSAF: 9/23/2008 - 500 gals 15% - 463 bbls - 179 balls

TOC - Surface 8.625" @ 21.5' 4.5" 10.5# @ 1255' 165 sks cement TD - 1262'

AFFIDAVIT

STATE OF KANSAS

SS.

County of Sedgwick

Mark Fletchall, of lawful age, being first duly sworn, deposeth and saith: That he is Record Clerk of The Wichita Eagle, a daily newspaper published in the City of Wichita, County of Sedgwick, State of Kansas, and having a general paid circulation on a daily basis in said County, which said newspaper has been continuously and uninterruptedly published in said County for more than one year prior to the first publication of the notice hereinafter mentioned, and which said newspaper has been entered as second class mail matter at the United States Post Office in Wichita, Kansas, and which said newspaper is not a trade, religious or fraternal publication and that a notice of a true copy is hereto attached was published in the regular and entire Morning issue of said The Wichita Eagle for _1_ issues, that the first publication of said notice was

made as aforesaid on the 19th of

July A.D. 2012, with

subsequent publications being made on the following dates:

And affiant further says that he has personal knowledge of the statements above set forth and that they are true.

Subscribed and sworn to before me this

19th day of July, 2012

PENNY L. CASE 国型自 Notary Public My Appt. Expires

Notary Public Sedgwick County, Kansas

Printer's Fee: \$132.40

LEGAL PUBLICATION

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JULY 19, 2012 (3198782)

BEFORE THE STATE CORPORATION
COMMISSION OF THE STATE OF KANSAS
NOTICE OF FILING APPLICATION

REIA the Availer of Postrock Mideonlinent
Production, LLC Application, for
Comminating of Production in the
Vine Truist 4-1 located in Wison
County, Kansas

TO. All Oil & Gas Producers, Unleased Miner al
Inferest Owners, Landowners, and all
persons whomever, concerned,
You, and oach of you are hereby notified
that Postrack Midcontinent Production, LLC
has filed on application to commingle the
Riverian, Bludacket, Flerning, Croweburg,
Bevier, Musicy, Summil; and Barriesville
Producting formetions will; the Winsy Trust 4-1,
located in the C.NE NE, 54-T25, Rise;
Approximately 310 FNE & 660 FEL; Wilson
County, K Ansas,
All persons interacted or concerned shall
also include the filed pursuan; to Commission
of the State of Kensas, within fifteen (15),
days from the date of this publication. These
protests shall be filed pursuan; to Commission
of the State of Kensas, within fifteen (15),
days from the date of this publication. These
protests shall be filed pursuan; to Commission
of the State of Kensas, within fifteen (15),
days from the date of the special on any cause waste,
violate correlative rights or potation the natural
resources of the State of Kensas.
All persons interacted or concerned shall
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WING TRUST 4-1

1 NAME & UPPE	R & LOWER LIMIT OF EACH PRODU	JCTION INTERVAL TO BE	COMMING	LED			
FORMATION:	MULKY	(PERFS):	<u>835</u> -	839			
FORMATION:	SUMMIT	(PERFS):	822 -	826			
FORMATION:	BARTLESVILLE	(PERFS):	980 -	983			
FORMATION:	BARTLESVILLE	(PERFS):	1008 -	1013			
FORMATION:	BARTLESVILLE	(PERFS):	1055 -	1061			
FORMATION:		(PERFS):					
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FORMATION:		(PERFS):					
FORMATION:		(PERFS):					
FORMATION:		(PERFS):					
FORMATION:		(PERFS):					
2 ESTIMATED AN	MOUNT OF FLUID PRODUCTION TO	BE COMMINGLED FROM	1 EACH INT	ERVAL			
FORMATION:	MULKY	BOPD: _		MCFPD:	0	BWPD:	5.71
FORMATION:	SUMMIT	BOPD:	0	MCFPD:	0	BWPD:	5.71
FORMATION:	BARTLESVILLE	BOPD: _	1	MCFPD:	0	BWPD:	6.67
FORMATION:	BARTLESVILLE	BOPD:	1	MCFPD:	0	BWPD:	6.67
FORMATION:	BARTLESVILLE	BOPD: _	1	MCFPD:	0	BWPD:	6.67
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FORMATION:		BOPD:		MCFPD:		BWPD:	

PROOF OF PUBLICATION

19 4/ /day of

STATE OF KANSAS Wilson County - SS

JOSEPH S. and RITA M. RELPH, of lawful age, being duly sworn upon oath that they are the Owners and Publishers of the WILSON COUNTY CITIZEN:

THAT said newspaper has been published at least weekly fifty (50) times a year and has been so published for at least five years prior to the first publication of the attached notice:

THAT said newspaper is a general circulation on a daily, or weekly, or monthly, or yearly basis in;

WILSON COUNTY, KANSAS and is NOT a trade, religious or fraternal publication and has been PRINTED and PUBLISHED in Wilson County, Kansas.

THE ATTACHED was published on the following dates in a regular issue of said newspaper:

1st publication was made on the	1 +4 day of
July	
2nd publication was made on the	day of
	20
3rd publication was made on the	day of
4th publication was made on the	day of
	20
5th publication was made on the	day of
	20
6th publication was made on the	day of
	2027
TOTAL PUBLICATION FEE: \$	<u> </u>
(Signed) Juseph & Kelsh	, · ·
Subscribed and sworn to before me, this	5 Haday of
() 0 .	,20_12
	KNotary Public
· · · · · · · · · · · · · · · · · · ·	, 2014
My commission expires	

Published in the Wilson County Citizen on Thursday, July 19, 2012.)

BEFORE THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS

NOTICE OF FILING APPLICATION

RE. In the Matter of Postrock Midountinent Production, LLC Application for Comminging of Production in the Wing Trust 4-1 located in Wilson County, Kansas.

TO: All Oil & Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons whomever concerned.

You, and each of you, are pereby notified that Postrock Midcontinent Production, ILC has filled an optication to commingle the Riverton, filled an optication to comming to the Riverton, fillingacker, Flaming, Croweburg, Beyier, Mulky, Summit and Bartlesville producing formations at the Wing Trust 4-1, located in the C NE NE, 84 T28S-R16E, Approximately 510 FNL & 680 FEL. Wilson County, Kansas

Wilson County, Kennas.

Any persons who object to or protest this application shall be required to file their objections or protest with the Conservation Division of the State Corporation Commission of the State of Konsas within fifteen (15) days from the date of this publication These protests shall be filled pursuant to Commission regulations and must state sugnific to Commission regulations and must state specific reasons why granting the simplication specific reasons why granting the application may cause waste, violate correlative rights or pollute the natural resources of the State of Kensor

All persons interested or concerned shall father after the foregoing and shall govern them notice of the foregoing and shall govern them notice of the foregoing and shall govern them selves accordingly. All person and/or companies wishing to protest this application are required to file a written protest with the Conservation Division of the Kanses Oil and Gas Commission.

Upon the receipt of any protest, the Commission will convene a hearing and protestatis will be expected to enter an appearance either

will be expected to enter an appearance either through proper legal counsel or as individuals

appearing on their own behelf
Postrock Midcontinent Production, LLC
210 Pask Avenue, Suite 2750
Oktahoma City Oklahoma 73102 (405) 660-7704 441 сру



Affidavit of Notice Served						
Re: Application for: APPLICATION FOR COMMINGLING	Re: Application for: APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS ACO-4					
Well Name: WING TRUST 4-1	Legal Location: CNENE S4-T28S-R16E					
The undersigned hereby certificates that he / she is a duly authorized agent for the	the applicant, and that on the day 13 to AUGUST					
, a true and correct copy of the application referenced above						
Note: A copy of this affidavit must be served as a part of the application.						
Name	Address (Attach additional sheets if necessary)					
DWIGHT C OLSON REVOCABLE TRUST & EVELYN L OLSON REVOCABLE TRUST	20106 SCOTT RD, BUFFALO, KS 66717					
MYRNA LEMIRE	19132 US HWY 75, BENEDICT, KS 66714					
SUNFLOWER RAILS-TRAILS CONSERVANCY	PO BOX 44-2043, LAWRENCE, KS 66044					
	•					
. ,						
•						
Annual Control of the	SOM COUNTY CITIZEN					
I further attest that notice of the filing of this application was published in the WIL of WILSON co.						
	unty. A copy of the affidavit of this publication is attached.					
Signed this 14th day of AUGUST 2012						
	(Legs of Mouns					
Appli	cent of Duly/Authorized Agent					
Subscribed and sworn to before	re me trils /4/15 day of AUGUST					
OFFICIAL JENNIFER R. BEAL	American & Beal					
SEAL MY COMMISSION EXPIRES Note	y Pyblid					
1-20-10 My C	commission Expires: <u>July 20, 20/10</u>					
<u> </u>	V					
·						

WING TRUST 4-1 - APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS Offset Operators, Unleased Mineral Owners and Landowners acreage (Atlach additional sheets if necessary) Legal Description of Leasehold: SEE ATTACHED I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief. Applicant or Buly Authorized Agent D 2012 Subscribed and sworn before me this JENNIFER R. BEAL MY COMMISSION EXPIRES My Commission Expires: .

WING LIV TRUST 4-1

34-27S-16E

per TO dtd 5.21.07

Dwight C. Olson Revocable Trust & Evelyn L

S2SW4 Olson Revocable Trust

20106 Scott Rd Buffalo, KS 66717

33-27S-16E

Tract in SE4 Myrna Lemire

19132 US Hwy 75 Benedi ct, KS 66714

Sunflower Rails-Trails Conservancy

P.O. Box 44-2043 Lawrence, KS 66044 Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner

August 29, 2012

Clark Edwards
PostRock Midcontinent Production LLC
Oklahoma Tower
210 Park Ave, Ste 2750
Oklahoma City, OK 73102

RE: Approved Commingling CO081211

Wing Trust 4-1, Sec.4-T28S-R16E, Wilson County

API No. 15-205-25810-00-00

Dear Mr. Edwards:

Your Application for Commingling (ACO-4) for the above described well, received by the KCC on August 14, 2012, has been reviewed and approved by the Kansas Corporation Commission (KCC) per K.A.R. 82-3-123. Notice was examined and found to be proper per K.A.R. 82-3-135a. No protest had been filed within the 15-day protest period.

Based upon the depth of the Rivertonl formation perforations, total oil production shall not exceed 100 BOPD and total gas production shall not exceed 50% of the absolute open flow (AOF).

File form ACO-1 upon re-completion of the well to commingle.

Commingling ID number CO081211 has been assigned to this approved application. Use this number for well completion reports (ACO-1) and other correspondence that may concern this approved commingling.

Sincerely,

Rick Hestermann Production Department