

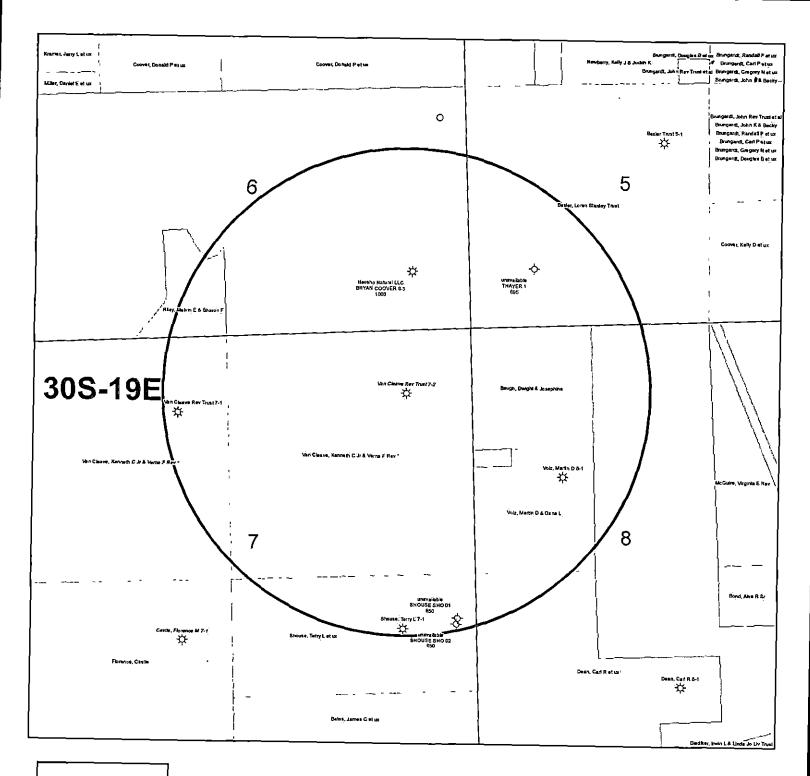
KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1084886

Form ACO-4 Form must be typed March 2009

## APPLICATION FOR COMMINGLING OF Commingling ID # CO071230 PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a)

Name: PostRock Midcontinent Production LLC  Address 1: Oklahoma Tower  Address 2: 210 Park Ave, Ste 2750  City: OKLAHOMA CITY: State, OK. 2tp; 73102 +	OPERATO	DR: License #_33343	API No. 15	15-	-133-2 <u>6332-</u> (	00-00		
Address 1: Oklahoma Tower  Address 2: 210 Park Ave, Ste 2750  678  Feet from	Name: I	PostRock Midcontinent Production LLC	Spot Descript	ion:				
Address 2: 210 Park Ave, Ste 2750    678					Sec. 7 Twi	 .30 s.	R 19	Fast □West
City. CRIAHOMA CITY state, OK					·			
Contact Person: CLARK EDWARDS Phone: (602 ) 432-4200 Lesse Name: VAN CLEAVE REV TRUST Well #: 7-2  1. Name and upper and lower limit of each production interval to be commingled: Formation: Summit Formation: Mulky Formation: Bevier Formation: Bevier Formation: Fleming Formation: Mulky Formation: Mulky Formation: Mulky Formation: Mulky Formation: Fleming			709			•		
Hone: (602 ) 432-4200  Lease Name: VAN CLEAVE REV TRUST Well #: 7-2  1. Name and upper and lower limit of each production interval to be commingled: Formation: Summit Formation: Mulky Formation: Mulky Formation: Gevier Formation: Fleming Formation: Fleming Formation: Fleming Formation: Fleming  2. Estimated amount of fluid production to be commingled from each interval: Formation: Summit Formation: Mulky Formation: Mulky Formation: Mulky Formation: Mulky Formation: Fleming Formation			County Ne	eosho		▼ Last /	☐ West	Line of Section
1. Name and upper and lower limit of each production interval to be commingled: Formation: Summit Formation: Mulky Formation: Mulky Formation: Greets): 502-506 Formation: Mulky Formation: Format			Oodinty			ST Wall #.	 7-2	
Formation: Summit Formation: Mulky Formation: Bevier Formation: Croweburg Formation: Fleming Formation: Fleming  2. Estimated amount of fluid production to be commingled from each interval: Formation: Summit Formation: Summit Formation: Summit Formation: Summit Formation: Summit Formation: Summit Formation: Mulky BOPD: 0 MCFPD: 1.43 BWPD: 4 BOPD: 0 BOP	FIIOHE.	,	Lease Name.			vven #: _	<u>· –                                     </u>	
Formation: Summit Formation: Mulky Formation: Bevier Formation: Croweburg Formation: Fleming Formation: Fleming  2. Estimated amount of fluid production to be commingled from each interval: Formation: Summit Formation: Summit Formation: Summit Formation: Summit Formation: Summit Formation: Summit Formation: Mulky BOPD: 0 MCFPD: 1.43 BWPD: 4 BOPD: 0 BOP	<b>5</b> / 1.	Name and upper and lower limit of each production interval to	be commingled:					
Formation: Mulky Formation: Croweburg Formation: Fleming Formation: Fleming Formation: Summit Formation: Mulky Formation: Bevier Bopp: 0 MCFPD: 1.43 BWPD: 4 Formation: Bevier Formation: Fleming Bopp: 0 MCFPD: 1.43 BWPD: 4 Formation: Fleming Formation	<b>V</b>	· ·	_	erfs).	489-493			
Formation: Bevier   Groweburg   Grefs): 587-589   Grefs): 608-611   Grefs): 608-611   Grefs): 608-611   Grefs): 646-648   Grefs): 646-648			•	,	502-506			
Formation: Fleming (Perfs): 608-611  (Perfs): 646-648  2. Estimated amount of fluid production to be commingled from each interval: Formation: Summit Boyler		Povior	•	•	587-589			
Formation: Fleming  (Perfs): 646-648  Estimated amount of fluid production to be commingled from each interval: Formation: Summit  BOPD: 0 MCFPD: 1.43 BWPD: 4  Formation: Bevier BOPD: 3 MCFPD: 1.43 BWPD: 4  Formation: Croweburg  Formation: Fleming  BOPD: 0 MCFPD: 1.43 BWPD: 4  BOPD: 0 MCFPD: 1.43 B		Croweburg	•	,				
2. Estimated amount of fluid production to be commingled from each interval: Formation: SUMMIK Formation: Mulky Formation: Bevier Formation: Bevier Formation: Croweburg BOPD: 0 MCFPD: 1.43 BWPD: 4 BWPD: 4 BOPD: 0 MCFPD: 1.43 BWPD: 4 BWPD: 4 BOPD: 0 MCFPD: 1.43 BWPD: 4		Floming	•	•	646-648			<del></del>
Formation: Summit Formation: Mulky Formation: Mulky Formation: Bevier Formation: Croweburg Formation: Fleming BOPD: 0 MCFPD: 1.43 BWPD: 4  ### BOPD: 0 MCFPD: 1.43 BW		Formation:	(P	eris):				
Formation: Summit Formation: Mulky Formation: Mulky Formation: Bevier Formation: Croweburg Formation: Fleming BOPD: 0 MCFPD: 1.43 BWPD: 4  ### BOPD: 0 MCFPD: 1.43 BW	<b>Z</b> 2.	Estimated amount of fluid production to be commingled from e	each interval:					
Formation: Bevier Formation: Croweburg Formation: Fleming Formation: F	•	Formation: Summit	BOPD: 0		MCFPD: _	.43	BWPD:	4
Formation: Bevier Formation: Croweburg Formation: Fleming Formation: F		Formation: Mulky	BOPD: 0		MCFPD: _	.43	BWPD:	<u> </u>
Formation: Croweburg Formation: Fleming  BOPD: 0 MCFPD: 1.43 BWPD: 4 B			BOPD: 3		MCFPD: 1	.43	BWPD:	4
Formation: Fleming  BOPD: 0 MCFPD: 1.43 BWPD: 4  3. Plat map showing the location of the subject well, all other wells on the subject lease, and all wells on offsetting leases within a 1/2 mile radius of the subject well, and for each well the names and addresses of the lessee of record or operator.  4. Signed certificate showing service of the application and affidavit 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 compatibility 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.  KCC Office Use Only  Denied Approved  15-Day Periods Ends: 7/18/2012		Crowoburg			MCFPD: 1	.43	BWPD	4
<ul> <li>✓ 3. Plat map showing the location of the subject well, all other wells on the subject lease, and all wells on offsetting leases within a 1/2 mile radius of the subject well, and for each well the names and addresses of the lessee of record or operator.</li> <li>✓ 4. Signed certificate showing service of the application and affidavit of publication as required in K.A.R. 82-3-135a.</li> <li>For Commingling of PRODUCTION ONLY, include the following:</li> <li>✓ 5. Wireline log of subject well. Previously Filed with ACO-1: ✓ Yes □ No</li> <li>✓ 6. Complete Form ACO-1 (Well Completion form) for the subject well.</li> <li>For Commingling of FLUIDS ONLY, include the following:</li> <li>✓ 7. Well construction diagram of subject well.</li> <li>✓ 8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.</li> <li>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.</li> <li>KCC Office Use Only</li> <li>□ Denied ✓ Approved</li> <li>15-Day Periods Ends: 7/18/2012</li> </ul>		Formation: Fleming	Λ		<u> </u>	.43	<del>-</del>	1
<ul> <li>✓ 5. Wireline log of subject well. Previously Filed with ACO-1: ✓ Yes ☐ No</li> <li>✓ 6. Complete Form ACO-1 (Well Completion form) for the subject well.</li> <li>For Commingling of FLUIDS ONLY, Include the following:</li> <li>✓ 7. Well construction diagram of subject well.</li> <li>✓ 8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.</li> <li>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.</li> <li>KCC Office Use Only</li> <li>☐ Denied ✓ Approved</li> <li>15-Day Periods Ends: 7/18/2012</li> </ul>		the subject well, and for each well the names and addresses of	of the lessee of record	or ope	erator.		within a 1/2	mile radius of
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□ Denied	AFFIDAV current in mingling i	formation, knowledge and personal belief, this request for com- s true and proper and I have no information or knowledge, which		Sı	ubmitted Ele	ectronica	ally	
□ Denied	KCC	Office Use Only	Protests may be filed	by an	v partv havino a vali	id interest in ti	he application	n. Protests must he
15-Day Periods Ends: 7/18/2012		_	in writing and comply	with K				
Approved By: Rick Hestermann Date: 07/18/2012			are reace of applicati	U174				



### **KGS STATUS**

- → DA/PA
- ⊕ EOR
- ☆ GAS
- △ INJ/SWD
- OIL
- ★ OIL/GAS
- OTHER

Van Cleave Rev Trust 7-2 7-30S-19E 1" = 1,000'

_		ı <del></del> -					<del> </del>				<del>       </del>
<b>-</b>	A Produced Fluids #	В	C	D 2	E 3	F 4	G 5	н	1	l j	l K
2	Parameters	Units	Input	Input	Input	Input	Input		Click he	**	Click
3	Select the brines	Select Maid	in .		Ö	Π	in	Mixed brine:	to run S		
4	Sample ID	by checking						Cell H28 is	10.11.0		Click
5	Date	the box(es),	3/19/2012	3/4/2012	3/14/2012	1/20/2012	1/20/2012	STP calc. pH.			
6	Operator	Row 3	PostRock Ward Feed	PostRock	PostRock	PostRock	PostRock	Cells H35-38			Click
8	Well Name Location		#34-1	Ward Feed #4-1	Clinesmith #5-4	Clinesmith #1	Clinesmith #2	are used in mixed brines	Goal Seek		
9	Field		CBM	CBM	Bartles	Bartles	Bartles	calculations.			Click
10	Na*	(mg/l)*	19,433.00	27,381.00	26,534.00	25689.00	24220.00	24654,20	Initial(BH)	Final(WH)	1 1
11	K* (if not known =0)	(mg/l)							Saturation Index	` ′	SI/SR (Final-Initial)
12	Mg <sup>2+</sup>	(mg/l)	1,096.00	872.00	1,200.00	953.00	858.00	995,91		lcite	(-,
13	Ca <sup>2+</sup>	(mg/l)	1,836.00	2,452.00	2,044.00	1920,00	1948.00	2040.23	•0.73	-0.60	0.13
14	Sr <sup>2+</sup>	(mg/l)	1,636.00	2,452.00	2,044.00	1920,00	1948.00	0.00		rite	0.13
15	Ba <sup>2+</sup>	(mg/l)				-		0.00		1	+
16	Fe <sup>2</sup> *		40.00	21.00	18.00	82.00	90.00	50.21		! alite	<del>                                     </del>
17	Zn <sup>2+</sup>	(mg/l)	40.00	21.00	10.00	82.00	90.00	0.00	-1.77	-1,80	-0.03
$\vdash$	Pb <sup>2+</sup>	(mg/l)				<del></del>				1	-0.03
18 19	Cr Cr	(mg/l)	26 200 00	49.075.00	47.074.00	45632.00	43147.00	0.00 44388,44		psum	
-	so, <sup>2</sup>	(mg/l)	36,299.00	48,965.00	47,874.00		-	<b></b>	-3.19	-3.18	0.00
20	E.	(mg/l)	1.00	1.00	.8.00	1.00	1.00	2.40		hydrate 2.00	1 000
21	n_'	(mg/l)			-	<b> </b>		0.00	-3.96	-3.90	0.06
22	Br'	(mg/l)				<del> </del>		0.00		ydrite	<del>  </del>
23	SiO2	(mg/l) SiO2		<del></del>			·	0,00	-3.47	-3.36	0.12
24	HCO3 Alkalinity**	(mg/l as HCO3)	190.00	234.00	259.00	268.00	254.00	241.03	Cel	estite I	<del>  </del>
25	CO3 Alkalinity	(mg/l as CO3)	<u> </u>			<b>}</b>	<b> </b>		<del></del>	j Cultar	+
26 27	Carboxylic acids** Ammonia	(mg/l) (mg/L) NH3				<del></del> -		0.00	-0.16	Sulfide -0.22	-0.06
		·						<del></del>		Sulfide	-0.06
28	Borate TDS (Measured)	(mg/L) H3BO3		-		-		0.00 72781	Zinc	Sumge	<del>                                     </del>
_	Calc. Density (STP)	(mg/l)	1.038	1.051	1.050	1.048	1045	1.047	Calatus	l n Nuoride	<u> </u>
30	CO <sub>2</sub> Gas Analysis	(g/ml) (%)	19.97	18.76	22.41	35,53	1.045 33.79	26.16	Carciun	1 Muoriae	+
	H <sub>2</sub> S Gas Analysis***	(%)	0.0289	0.0292	0.0296	0.0306	0.0151	0.0269	Iron C	arbonate	† 1
33	Total H2Saq	(mgH2S/l)	1.00	1.00	1.00	1.00	0.50	0.90	-0.74	-0.51	0.23
34	pH, measured (STP)	pН	5.67	5.76	5.72	5.54	5.55	5.63	Inhibitor n	eeded (mg/L)	
	(h	0-C02%+Alk,							Calcite	NTMP	1
35	Choose one option to calculate S1?		0	0:	0		,				
36	Gas/day(thousand cf/day)	(Mcf/D)				<del>-</del>	<del>                </del>	0	0.00	0.00	1
37	Oil/Day	(B/D)	0	0	1	,	1	4	Barite	ВНРМР	1
38	Water/Day	(B/D)	100	100	100	100	100	500	0.00	0.00	ן נ
39	For mixed brines, enter va							(Enter H40-H43)		H	]
40	Initial T Final T	(F) (F)	66.0 66.0	71.0 71.0	70.0 70.0	41.0 41.0	49.0 49.0	60.0 89.0	5.69	5.60 CentiPoise)	4
42	Initial P	(psia)	25.0	25.0	25.0	<del></del>	25.0	25.0	1.196	0.826	1
43	Final P	(psia)	25.0	25.0	25.0		25.0	120,0		ity (cal/ml/°C)	1
44	Use TP on Calcite sheet?	1-Yes;0-No	J.U.U	20,0	43.0	1.5.0	<del> </del> "	120,0	0,955	0.959	1
45	API Oil Grav.	API grav.						30,00		eeded (mg/L)	]
$\overline{}$	Gas Sp.Grav.	Sp.Grav.						0.60	Gypsum	HDTMP	]
	MeOH/Day MEG/Day	(B/D) (B/D)	0			<u> </u>	ļ		0.00 Anhydrite	0.00 HDTMP	4
	Conc. Multiplier	(UID)	U				<del>                                     </del>	۲	0.00	0.00	<b>-</b>
_	H* (Strong acid)	(N)			· · · · · · · · · · · · · · · · · · ·			<u> </u>			-
	OH (Strong base)	(N)				t	<del></del>	· · · · ·			
	Quality Control Checks at										
	H₂S Gas	(%)									
	Total H2Saq (STP)	(mgH2S/I)					<b></b>	ļ			
	pH Calculated PCO2 Calculated	(pH) (%)									
	Alkalinity Caclulated	(mg/l) as HCO3						]			
58	ΣCations=	(equiv./I)					1				
	ΣAnions= Cale TDS=	(equiv./I)									
	Care 108= Inhibitor Selection	(mg/l) Input	Unit	#	Inhibitor	Unit Converte	   (From metric	l to English)	ŀ		
	Protection Time	120	min	1	NTMP	From Unit	Value	To Unit	Value		
	Have ScaleSoftPitzer			2	ВНРМР	°C	80	°F	176		
64	pick inhibitor for you?	1	1-Yes;0-No	3	PAA	m³	100	ft³	3,531		
65	If No, inhibitor # is:	4	#	4	DTPMP	m³	100	bbl(42 US gal)	629		
	If you select Mixed,			5	PPCA	MPa	1,000	psia	145,074		
67	1 <sup>st</sup> inhibitor # is:		#	6	SPA	Bar	496	psia	7,194		
68	% of 1 <sup>st</sup> inhibitor is:	50	%	7	HEDP	Torr	10,000	psia	193		
69	2 <sup>nd</sup> inhibitor # is:	_	# 4 4 4 4 4	8	HDTMP	Gal	10,000	bbl(42 US gal)	238		
70	Display act. coefs?	0	1-Yes;0-No	9 10	Average Mixed	Liters	10,000	bbl(42 US gal)	63		
144	l			ا " ا	I WILLY COL	I			ī		Į.

### **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 <sub>2</sub> in Brine	246	220	264	422	405	401
Ionic Strength	1.12	1.48	1.46	1.38	1.31	1.31
Temperature (℉)	89	89	89	89	89	89
Pressure (psia)	50	50	120	120	120	119

### Saturation Index

Optonation 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

### РТВ

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

### 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 n1tice was

made as aforesaid on the 18th of

June 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.

Fletchall

Subscribed and sworn to before me this

18th day of June, 2012

PENNY L. CASE Motery Public My Appt. Expires

Notary Public Sedgwick County, Kansas

Printer's Fee : \$134.80

### LEGAL PUBLICATIONS

PUBLISHED IN THE WICHITA EAGLE
JUNE 18, 2012 (3)191269).
BEFORE: HIE STATE CORPORATION
COMMISSION OF THE
STATE OF KANSAS
MOTICE OF FILING APPLICATION
RE In the Mailer of Postrock Midconfinent
Production LLC Application for
Comminating of Production in the Van
Cleave Rev. Trust 7:2 located in
Neosho County, Kansas;
TO: All Oll 65, Gas Producers, Unleased
Miner alinterest Jowners, Landowners,
and all persons whomever concerned,
You, and each of you, are hereby
nollfied that Postrock Midcontinent
Production, LLC has filed an application to
commingle the Rivertor, Rowe, Flemting,
Croweburg, Bevier, Mulky, Sturmitt and
Cattleman producing formations at the
Van Cleave Rev. Trust 7:2, located in the
NE. NE, 57-7365-R19E, Approximately
678-PRIL 8, 795-R19E, Approximately
Can Processors who object to or protest

Any, persons who object to or protest

NE, NE, \$7-T305-R19E, Approximately 578-FNL & 709-FELL, Neosho Counfy Kansas.

Any persons who object to or protest this application shall be required to file their objections or pratest with the Conservation Division of the State of Kansas within fillesh (15) days from the date of this publication. These protests shall be filed pursuant to Commission regulations and must shale specific reasons why granling the application may cause waste, Volate correlative rights on politute the natural resources of the State of Kansas.

All persons interested or concurred shall take notice of the foregoing and shall govern themselves accordingly All person and/or companies wishing to protest this application are required to file a written protest with the Conservation Division of the Kansas Oil and Ges Commission.

Upon the receipt of any protest, the Commission will convene a hearing and protestants will be expected to enter an appearance either through proper legal counset; or as individuals, appearing on held own behalf.

Postreck Mideoninent Production, LEC 210 Park Avenue, Suite 2750

Oktahoma City, Oklahoma 73192

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

RE: In the Matter of Postrock Midcontinent Production, LLC Application for Commingting of Production in the Van Cleave Rev Trust 7-2 located in Neosho County, Kansas.

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

You, and each of you, are hereby notified that Postrock Midcominent Production, LLC has filed an application to commingle the Riverton. Rowe, Fleming, Croweburg, Bevier, Muky, Summit and Cattleman producing formations at the Van Cleave Rev Trust 7-2, located in the NE NE, \$7-T30S-R19E, Approximately 678 FNL & 708 FEL, Neosho County, Kansas.

Any persons who object to or protest this application shall be required to file their objections or rolest with the Conservation Division of the State Occapional Commission of the State of Kansas within fifteen (15) days from the date of this publication. These protests shall be filed pursuant to Commission regulations and must state specific reasons why granting the application may cause waste, violate correlative rights or poliute the natural resources of the State of Kansas.

All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly. All person and/or companies vishing to protest this application are required to file a written protest with the Conservation Divistion of the Kanaas Oil and Gas Commission.

Upon the receipt of any protest, the Commission will convene a hearing and protestants will be expected to enter an appearance either through proper legal counset or as individuals, appearing on their own behalf.

Postrock Midcontinent Production, LLC 210 Perk Avenue, Suite 2750 Oklahoma City, Oklahoma 73102 (405) 660-7704

A COPY OF THE AFFIDAVIT OF PUBLICATION MUST ACCOM-PANY ALL APPLICATIONS

### Affidavit of Publication 🐝

STATE OF KANSAS, NEOSHO COUNTY, ss: Rhonda Howerter, being first duly sworn, deposes and says: That she is Classified Manager of THE CHANUTE TRIBUNE, a daily newspaper printed in the State of Kansas, and published in and of general circulation in Neosho County, Kansas, with a general paid circulation on a daily basis in Neosho County, Kansas, and that said newspaper is not a trade, religious or fraternal publication.

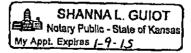
Said newspaper is a daily published at least weekly 50 times a year: has been so published continuously and uninterruptedly in said county and state for a period of more than five years prior to the first publication of said notice; and has been admitted at the post office of Chanute, in said county as second class matter.

 Printer's Fee
 \$ 70.14

 Affidavit, Notary's Fee
 \$ 3.00

 Additional Copies
 \$

 Total Publication Fees
 \$ 73.14



## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

## ORIGINAL

Form ACO-1 September 1999 Form Must Be Typed

### WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33344	API No. 15 - 133-26332-0000
Name: Quest Cherokee, LLC	County: Neosho
Address: 211 W. 14th Street	EZ_WZ_ne_ne_Sec. 7 Twp. 30 S. R. 19 V East West
City/State/Zip: Chanute, KS 66720	660 feet from S / (N) (circle one) Line of Section
Purchaser: Bluestem Pipeline, LLC	700 feet from (E) W (circle one) Line of Section
Operator Contact Person: Gary Laswell	Footages Calculated from Nearest Outside Section Corner:
Phone: (620 ) 431-9500	(circle one) (NE ) SE NW SW
Contractor; Name; LS Well Service, LLC	Lease Name: Van Cleave Rev. Trust Well #: 7-2
License: 33374	Field Name: Cherokee Basin CBM
Wellsite Geologist: Julie Shaffer	Producing Formation: Multiple zones
Designate Type of Completion:	Elevation: Ground: 972 Kelly Bushing: n/a
New Well Re-Entry Workover	Total Depth: 1046 Plug Back Total Depth: 1006
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 21.5 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Atternate II completion, cement circulated from 1006
Operator;	feet depth to surface w/ 127 sx cmt.
Well Name;	feet depth to surface w/ 127 sx cmt.  ALTI WHW 8-25-06
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	
Plug Back Plug Back Total Depth	Chloride content ppm Fluid volume bbls
Commingled Docket No	Dewatering method used
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
	Lease Name; License No.:
11/10/05         11/11/05         11/17/05           Spud Date or         Date Reached TD         Completion Date or	Quarter Sec Twp S. R
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workov Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, were or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-3 and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.  ate the oil and gas industry have been fully complied with and the statements
Signature: Jay Passel	KCC Office Use ONLY
Head of Operations 4/8/06	
Title: Plead of Operations Date: 470/00	Letter of Confidentiality Received
Subscribed and sworn to before me thisday of	if Denied, Yes Date:
20 06.	Wireline Log Received
	If Denied, Yes   Date:   Dat
Notary Public: Jesmany - Gunnary	uic Distribution APK /nsion
Date Commission Expires: July 30 3007	JENNIFER AMMANN  Notary Public - State of Kansas  ONSERVATION DIVISION  CONSERVATION DIVISION  CONSERVATION DIVISION

Operator Name: Que	est Cherokee, LL	<u>c</u>			Van Cleave R	ev. Trust	_ Weil #: <u>7-2</u>		
Sec. 7 Twp. 3	0 S. R. 19	🗹 East 🗌 West	County:	Neos	ho				
ested, time tool oper emperature, fluid rec	n and closed, flowing covery, and flow rate	nd base of formations; g and shut-in pressures s if gas to surface test, inal geological well site	s, whether she along with fir	ut-In pre	ssure reached s	static level, hydro	static pressure	es, botto	m hole
Orill Stem Tests Take (Attach Additional		☐ Yes ☑ No		Δr	og Formatio	on (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	ological Survey	☐ Yes 🗹 No		Nam See	e attached		Тор		Datum
Cores Taken Electric Log Run (Submit Copy)		☐ Yes ☑ No ☑ Yes ☐ No	,						
List Ali E. Logs Run:									
Comp. Density Dual Induction Gamma Ray/N	Log	•	٤						
		CASING Report all strings set	G RECORD t-conductor, sur	_	ew Used	ion, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig Lbs./		Setting Depth	Type of Cement	# Sacks Used		and Percent Additives
Surface	11"	8-5/8"	20#		21,5	"A"	5		
Production	6-3/4"	4-1/2"	10.5#		1006	-A-	127		
								ļ <u> </u>	
Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	ADDITIONA Type of Coment	#Sacks		JEEZE RECORD		ercent Additives		
Shots Per Foot	PERFORATI Specify	ON RECORD - Bridge PI	lugs Set/Type		Acid, Frac	cture, Shot, Cement	Squeeze Recor		Depth
4		.5-505.5/586.5-588		10.5	<del>                                     </del>	s 2%kel water, 547bbis water v		20/40 aand	earearments
4	646.5-647.5/876	.5-878.5/933.5-936	6.5		400gai 16%HC3. ev/41bb	s 259kpl water, blockle, 642bb	da 256ci, blocide, 133șie	3 29/40 sand	801.5-808.5439.5-402.6
					400gal 15%HCL at 2566	is 255kel water, blockle, 637b	bis 2%kcf, biookle, 95ss	20/40 sand	646-648/608-811
	<u> </u>					<del></del> -	<del></del> -		587-589
TUBING RECORD	Size 3/8"	Set At 928	Packer At	<del></del> -	Liner Run	Yes 7 No	<u></u> _		
Date of First, Resument	d Production, SWD or E	inhr. Producing Ma	bortre		g 🔽 Pumpir	ng ☐ Gas Lifi	t Dothe	or (Explain	
Estimated Production Per 24 Hours	Oil	Bbls. Gas 27.8mcf	Mof	Wate	er Bi	<del></del>	ias-Oil Ratio	- •	Gravity
Disposition of Gas	METHOD OF C				Production Inter	val	Kaneas Cof	CCEN PORAT	V <del>ED</del> ON COMMIS
Vented ✓ Sold (If vented, Su	Used on Lease	☐ Open Hole ☐ Other (Spe	٠٠٠٠٠ ــــــ		Dually Comp.	Commingled	A	PR 1	3 2006
							CONS		NOISIVID NO

<u> </u>	<del></del>	
Affidavit of Notice Served		
Re: Application for: APPLICATION FOR COMMINGLING	OF PRODUCTION OR FLUIDS - ACO-4	
Well Name: VAN CLEAVE REV TRUST 7-2	Legal Location: NENE S7-T30S-R19E	
The undersigned hereby certificates that he / she is a duly authorized agent to	r the applicant, and that on the day 3RD of JULY	,
2012 , a true and correct copy of the application referenced ab	ove was delivered or mailed to the following parties:	
Note: A copy of this affidavit must be served as a part of the application.		
Name	Address (Atlach additional sheets if necessary)	
NEOSHO NATURAL LLC	4230 DOUGLAS RD, THAYER, KS	66776
MEGONG WHOME LEG	4200 BOOGLAG NO, HIMILIA, NO	00170
THE CITY OF PARSONS, KANSAS, A MUNICIPAL CORPORATION	112 S 17TH ST, PARSONS, KS 67	'357
JAMES MERRILL	1301 N 20TH RD, PARSONS, KS	67357
BRYAN W & DEBRA J COOVER	6165 JACKSON RD, GALESBURG,	KS 66740
	,	
further altest that notice of the filing of this application was published in the ${ t Ct}$	HANLITE TRIBLINE	at a surfice with a time
NEGOLO		ai county publication
~ <u>~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ </u>	ounty. A copy of the affidavit of this publication is atlached.	
Signed this dey of JULY 201		
# 09004117  # 09004117  Subscribed and sworn to bef  EXP. 05/13/13  OF OKLANIA		·
S COTARY OF THE	Slicetal or Duty Authorized Agent	2042
# 09004117 Subscribed and sworn to bef	fore me this day ofJULY	
The state of the s	Knoty D Ub	
No.	ary Public	-
My.	Commission Expires: 3/13/15	
		İ

# VAN CLEAVE REV TRUST 7-2 - APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS Offset Operators, Unleased Mineral Owners and Landowners acreage (Allach additional sheets if necessary) Name: Legal Description of Leasehold: SEE ATTACHED I hereby certify that the statements made herein are true end correct to the best of my knowledge and belief. # 09004117 EXP. 05/13/13 Applicant or Duly Authorized Agent 2012 Subscribed and sworn before me this My Commission Expires: 5

### **VAN CLEAVE REV 7-2**

### NW4 of 8-30S-19E

per TO dtd 3-4-07

### E2NW4

The City Of Parsons, Kansas, a municipal corporation 112 S 17TH ST Parsons, KS 67357

### 1.78 acre tract in SW4NW4

James Merrili 1301 N 20th Parsons, KS 67357

### SE4 & Tract in SW/4 of 6-30S-19E

Bryan W and Debra J Coover 61.65 Jackson Road Galesburg, KS 66740

### **POSTROCK**



### **Current Completion**

WELL

Van Cleave Rev Trust 7-2

**FIELD** 

: Cherokee Basin

**STATE** COUNTY

: Neosho

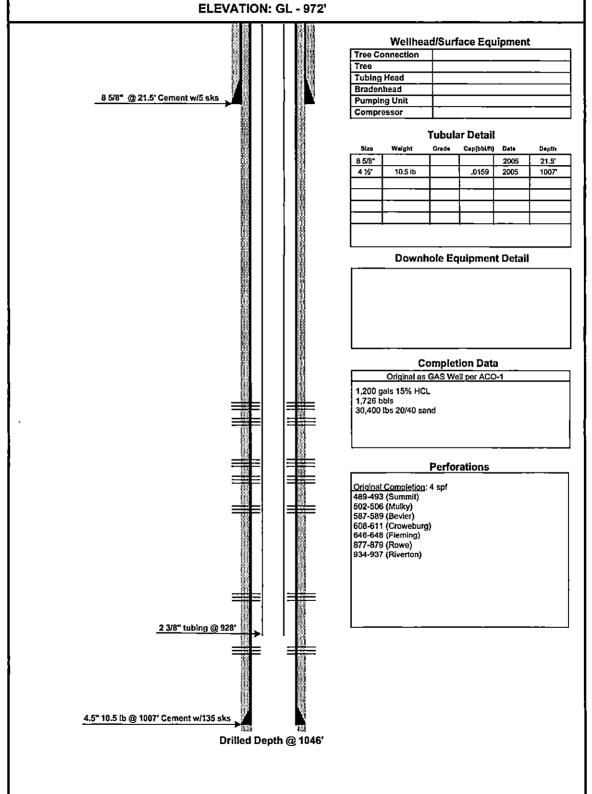
: Kansas

SPUD DATE: 11/10/2005

COMP. Date: 12/2/2005

API: 15-133-26332-00-00

**LOCATION: 7-30S-19E (NE, NE)** 



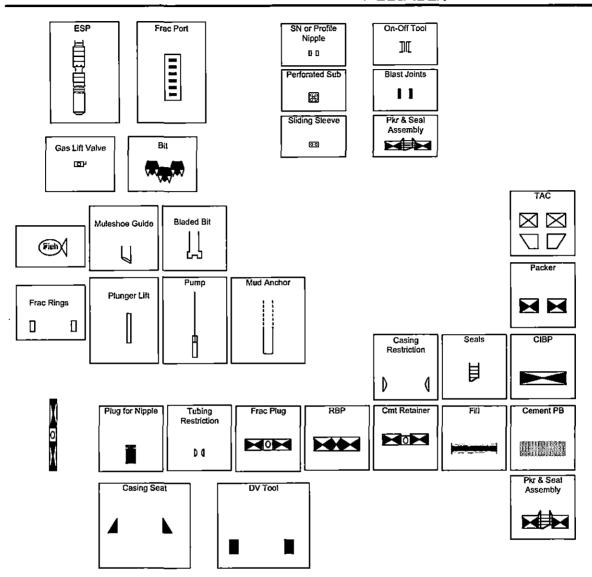
PREPARED BY:	POSTROCK
APPROVED BY:	

### **POSTROCK**



LEGEND

### PostRock



FORMATION:	ROWE	(PERFS):	877 -	· 8 <u>79</u>			
FORMATION:	RIVERTON	(PERFS):	934 -	937			
FORMATION:	CATTLEMAN	(PERFS):	706 -	717			
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	MOUNT OF FLUID PRODUC	TION TO BE COMMINGLED FROM BOPD:	EACH INT	ERVAL MCFPD:	1.43	BWPD:	4
2 ESTIMATED A		TION TO BE COMMINGLED FROM			1.43 1.43	BWPD: BWPD:	4
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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

July 18, 2012

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

RE:

Approved Commingling CO071230

Van Cleave Rev Trust 7-2 Sec.7-T30S-R19E, Neosho County

API No. 15-133-26332-00-00

Dear Mr. Edwards:

Your Application for Commingling (ACO-4) for the above described well, received by the KCC on July 16, 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 Riverton 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 CO071230 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