



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

OPERATOR: License # \_\_\_\_\_ API No. 15 - \_\_\_\_\_  
Name: \_\_\_\_\_ Spot Description: \_\_\_\_\_  
Address 1: \_\_\_\_\_ - - - - - Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
Address 2: \_\_\_\_\_ Feet from  North /  South Line of Section  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_ Feet from  East /  West Line of Section  
Contact Person: \_\_\_\_\_ County: \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

1. Name and upper and lower limit of each production interval to be commingled:  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_

2. Estimated amount of fluid production to be commingled from each interval:  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_

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.

**Submitted Electronically**

**KCC Office Use Only**  
 Denied  Approved  
15-Day Periods Ends: \_\_\_\_\_  
Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

*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 the notice of application.*

	A	B	C	D	E	F	G	H	I	J	K	
1	Produced Fluids #		1	2	3	4	5		<a href="#">Click here to run SSP</a>  <b>Goal Seek SSP</b>		<a href="#">Click</a>	
2	Parameters	Units	Input	Input	Input	Input	Input					<a href="#">Click</a>
3	Select the brines	Select fluid	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Mixed brine:				
4	Sample ID	by checking						Cell H28 is				
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	PostRock	PostRock	PostRock	PostRock	Cells H35-38				<a href="#">Click</a>
7	Well Name		Ward Feed	Ward Feed	Clinesmith	Clinesmith	Clinesmith	are used in				<a href="#">Click</a>
8	Location		#34-1	#4-1	#5-4	#1	#2	mixed brines				<a href="#">Click</a>
9	Field		CBM	CBM	Bartles	Bartles	Bartles	calculations.				
10	Na <sup>+</sup>	(mg/l)*	19,433.00	27,381.00	26,534.00	25689.00	24220.00	24654.20	Initial(BH)	Final(WH)	SI/SR (Final-Initial)	
11	K <sup>+</sup> (if not known =0)	(mg/l)						0.00	Saturation Index values			
12	Mg <sup>2+</sup>	(mg/l)	1,096.00	872.00	1,200.00	953.00	858.00	995.91	Calcite			
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)						0.00	Barite			
15	Ba <sup>2+</sup>	(mg/l)						0.00				
16	Fe <sup>2+</sup>	(mg/l)	40.00	21.00	18.00	82.00	90.00	50.21	Halite			
17	Zn <sup>2+</sup>	(mg/l)						0.00	-1.77	-1.80	-0.03	
18	Pb <sup>2+</sup>	(mg/l)						0.00	Gypsum			
19	Cl <sup>-</sup>	(mg/l)	36,299.00	48,965.00	47,874.00	45632.00	43147.00	44388.44	-3.19	-3.18	0.00	
20	SO <sub>4</sub> <sup>2-</sup>	(mg/l)	1.00	1.00	8.00	1.00	1.00	2.40	Hemihydrate			
21	F <sup>-</sup>	(mg/l)						0.00	-3.96	-3.90	0.06	
22	Br <sup>-</sup>	(mg/l)						0.00	Anhydrite			
23	SiO <sub>2</sub>	(mg/l) SiO <sub>2</sub>						0.00	-3.47	-3.36	0.12	
24	HCO <sub>3</sub> Alkalinity**	(mg/l as HCO <sub>3</sub> )	190.00	234.00	259.00	268.00	254.00	241.03	Celestite			
25	CO <sub>3</sub> Alkalinity	(mg/l as CO <sub>3</sub> )										
26	Carboxylic acids**	(mg/l)						0.00	Iron Sulfide			
27	Ammonia	(mg/L) NH <sub>3</sub>						0.00	-0.16	-0.22	-0.06	
28	Borate	(mg/L) H <sub>3</sub> BO <sub>3</sub>						0.00	Zinc Sulfide			
29	TDS (Measured)	(mg/l)						72781				
30	Calc. Density (STP)	(g/ml)	1.038	1.051	1.050	1.048	1.045	1.047	Calcium fluoride			
31	CO <sub>2</sub> Gas Analysis	(%)	19.97	18.76	22.41	35.53	33.79	26.16				
32	H <sub>2</sub> S Gas Analysis***	(%)	0.0289	0.0292	0.0296	0.0306	0.0151	0.0269	Iron Carbonate			
33	Total H <sub>2</sub> Saq	(mgH <sub>2</sub> S/l)	1.00	1.00	1.00	1.00	0.50	0.90	-0.74	-0.51	0.23	
34	pH <sub>i</sub> measured (STP)	pH	5.67	5.76	5.72	5.54	5.55	5.63	Inhibitor needed (mg/L)			
35	Choose one option to calculate SI?	0-CO <sub>2</sub> %+Alk, 1-pH+Alk, 2-CO <sub>2</sub> %+pH	0	0	0	0	0	0	Calcite	NTMP		
36	Gas/day(thousand cf/day)	(Mc/D)						0	0.00	0.00		
37	Oil/Day	(B/D)	0	0	1	1	1	4	Barite	BHPMP		
38	Water/Day	(B/D)	100	100	100	100	100	500	0.00	0.00		
39	For mixed brines, enter values for temperatures and pressures in Cells (H40-H43)								(Enter H40-H43)			
40	Initial T	(F)	66.0	71.0	70.0	41.0	49.0	60.0	5.69	5.60		
41	Final T	(F)	66.0	71.0	70.0	41.0	49.0	89.0	Viscosity (CentiPoise)			
42	Initial P	(psia)	25.0	25.0	25.0	25.0	25.0	25.0	1.196	0.826		
43	Final P	(psia)	25.0	25.0	25.0	25.0	25.0	120.0	Heat Capacity (cal/ml/°C)			
44	Use TP on Calcite sheet?	1-Yes;0-No							0.955	0.959		
45	API Oil Grav.	API grav.						30.00	Inhibitor needed (mg/L)			
46	Gas Sp.Grav.	Sp.Grav.						0.60	Gypsum	HDTMP		
47	MeOH/Day	(B/D)	0					0	0.00	0.00		
48	MEG/Day	(B/D)	0					0	Anhydrite	HDTMP		
49	Conc. Multiplier								0.00	0.00		
50	H <sup>+</sup> (Strong acid) †	(N)										
51	OH <sup>-</sup> (Strong base) †	(N)										
52	Quality Control Checks at STP:											
53	H <sub>2</sub> S Gas	(%)										
54	Total H <sub>2</sub> Saq (STP)	(mgH <sub>2</sub> S/l)										
55	pH Calculated	(pH)										
56	PCO <sub>2</sub> Calculated	(%)										
57	Alkalinity Cacluated	(mg/l) as HCO <sub>3</sub>										
58	ΣCations=	(equiv./l)										
59	ΣAnions=	(equiv./l)										
60	Calc TDS=	(mg/l)										
61	Inhibitor Selection	Input	Unit	#	Inhibitor	Unit Converter (From metric to English)						
62	Protection Time	120	min	1	NTMP	From Unit	Value	To Unit	Value			
63	Have ScaleSoftPitzer			2	BHPMP	°C	80	°F	176			
64	pick inhibitor for you?	1	1-Yes;0-No	3	PAA	m <sup>3</sup>	100	ft <sup>3</sup>	3,531			
65	If No, inhibitor # is:	4	#	4	DTPMP	m <sup>3</sup>	100	bb(42 US gal)	629			
66	If you select Mixed,			5	PPCA	MPa	1,000	psia	145,074			
67	1 <sup>st</sup> inhibitor # is:	1	#	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:	2	#	8	HDTMP	Gal	10,000	bb(42 US gal)	238			
70	Display act. coeffs?	0	1-Yes;0-No	9	Average	Liters	10,000	bb(42 US gal)	63			
71				10	Mixed							

## 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

Component (mg/L)	Ratio					Mixed Brine
	20% Brine 1	20% Brine 2	20% Brine 3	20% Brine 4	20 Brine 5	
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 (°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

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

**ORIGINAL**

Form ACO-1  
September 1999  
Must Be Typed

Operator: License # 33344  
Name: Quest Cherokee, LLC  
Address: 211 W. 14th Street  
City/State/Zip: Chanute, KS 66720  
Purchaser: Bluestem Pipeline, LLC  
Operator Contact Person: Jennifer R. Ammann  
Phone: (620) 431-9500  
Contractor: Name: Michael  
License: 33783

Wellsite Geologist: Ken Recoy  
Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to Enhr./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

<u>9/10/07</u>	<u>9/11/07</u>	<u>9/20/07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-27110-0000  
County: Neosho  
\_\_\_\_\_ ne \_\_\_\_\_ se Sec. 19 Twp. 27 S. R. 19  East  West  
1980 feet from S N (circle one) Line of Section  
854 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Resning, Lloyd E. Well #: 19-1  
Field Name: Cherokee Basin CBM

Producing Formation: multiple  
Elevation: Ground: 965 Kelly Bushing: n/a  
Total Depth: 1113 Plug Back Total Depth: 1102  
Amount of Surface Pipe Set and Cemented at 21.5 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1102  
feet depth to surface w/ 150 sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit) *ALT II w/htn 1-18-08*  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Jennifer R. Ammann  
Title: New Well Development Coordinator Date: 1/7/08  
Subscribed and sworn to before me this 7th day of January,  
2008.  
Notary Public: Terra Klauman

Date Commission Expires: 8-4-2010

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_ **RECEIVED**  
 Wireline Log Received **KANSAS CORPORATION COMMISSION**  
 Geologist Report Received **JAN 10 2008**  
 UIC Distribution **CONSERVATION DIVISION**  
**WICHITA, KS**

**TERRA KLAUMAN**  
Notary Public - State of Kansas  
My Appt. Expires 8-4-2010

Operator Name: Quest Cherokee, LLC Lease Name: Rensing, Lloyd E. Well #: 19-1  
 Sec. 19 Twp. 27 S. R. 19  East  West County: Neosho

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  <b>Compensated Density Neutron Log</b> <b>Dual Induction Log</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name <span style="float:right">Top Datum</span> See attached
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4	8-5/8"	22	21.5	"A"	5	
Production	6-3/4	4-1/2	10.5	1102	"A"	150	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	818-820/711-713/675-678	300gal 15%HCLw/ 43 bbls 2%kcl water, 549bbls water w/ 2% KCL, Blockde, 5700# 2040 sand	818-820/711-713 675-678
4	587-591/575-579	300gal 15%HCLw/ 53 bbls 2%kcl water, 530bbls water w/ 2% KCL, Blockde, 6300# 2040 sand	587-591/575-579

TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>875</u>	Packer At <u>n/a</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. <u>12/28/07</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. <u>n/a</u>	Gas Mcf <u>5mcf</u>	Water Bbls. <u>56.5bbls</u>	Gas-Oil Ratio	Gravity
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Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled \_\_\_\_\_

Production Interval  Other (Specify) \_\_\_\_\_

091107

**Michael Drilling, LLC**  
**P.O. Box 402**  
**Iola, KS 66749**  
**620-365-2755**

Company: Quest Cherokee LLC  
 Address: 9520 North May Ave, Suite 300  
Oklahoma City, Oklahoma 73120  
 Ordered By: Donnie Meyers

Date: 09/11/07  
 Lease: Rensing, Lloyd E.  
 County: Neosho  
 Well#: 19-1  
 API#: 15-133-27110-00-00

**Drilling Log**

FEET	DESCRIPTION	FEET	DESCRIPTION
0-22	Overburden	587-590	Black Shale and Coal
22-50	Shale	590-653	Sandy Shale
50-115	Lime	610	Gas Test 20# at 3/4" Choke
115-125	Shale	653-654	Coal
125-130	Lime	654-664	Shale
130-140	Sand Sandy Shale	664-666	Lime
140-200	Lime	666-668	Coal
200-250	Sand Sandy Shale	668-700	Shale
250-310	Sandy Shale	700-702	Coal
310-318	Sand	702-722	Sandy Shale
318-353	Sandy Shale	722-724	Coal
353-385	Lime	724-758	Sand
385-470	Sandy Shale	758-760	Coal
470-474	Lime	760-792	Sand
474-477	Coal	792-793	Coal
477-510	Lime	793-812	Sandy Shale
510-513	Black Shale	812-813	Coal
513-550	Sandy Shale	813-865	Shale
550-551	Coal	865-867	Coal
551-573	Lime	867-915	Sandy Shale
560	Gas Test 0# at 1/4" Choke	915-975	Sand
573-580	Black Shale	960	Gas Test 20# at 3/4" Choke
580-587	Lime	975-978	Coal
583	Gas Test 0# at 1/4" Choke	978-996	Shale

**JAN 10 2008**

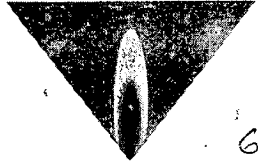
CONSERVATION DIVISION  
 WICHITA, KS

RECEIVED  
 KANSAS CORPORATION COMMISSION



# QUEST

Resource Corporation



211 W. 14TH STREET,  
CHANUTE, KS 66720  
620-431-9500

TICKET NUMBER **2478**

FIELD TICKET REF # \_\_\_\_\_

FOREMAN Joe

623540

### TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-20-07	Rensing Lloyd 17-1	19	27	19	NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe	7:00	10:15		9031127		3.25	<i>Joe</i>
MAVERICK	7:00	↓		903177		↓	<i>Mar</i>
Tyler	7:00	↓		903600		↓	<i>Tyler</i>
Toni	6:45	↓				3.5	<i>Toni</i>
Daniel	6:45	↓		931420		3.5	<i>Daniel</i>

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1113 CASING SIZE & WEIGHT 4 1/2 10.5  
 CASING DEPTH 1101.82 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 17.57 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4bpm

REMARKS:

Installed cement head Ran 2 srs and 4 11bbl dupes 150 SKS of cement to get dye to surface. Flush pump. Pump up plug to bottom & set float shoe

1101.82	Ft 4 1/2 Casing	
6	Centralizers	
1	4 1/2 Floatshoe	

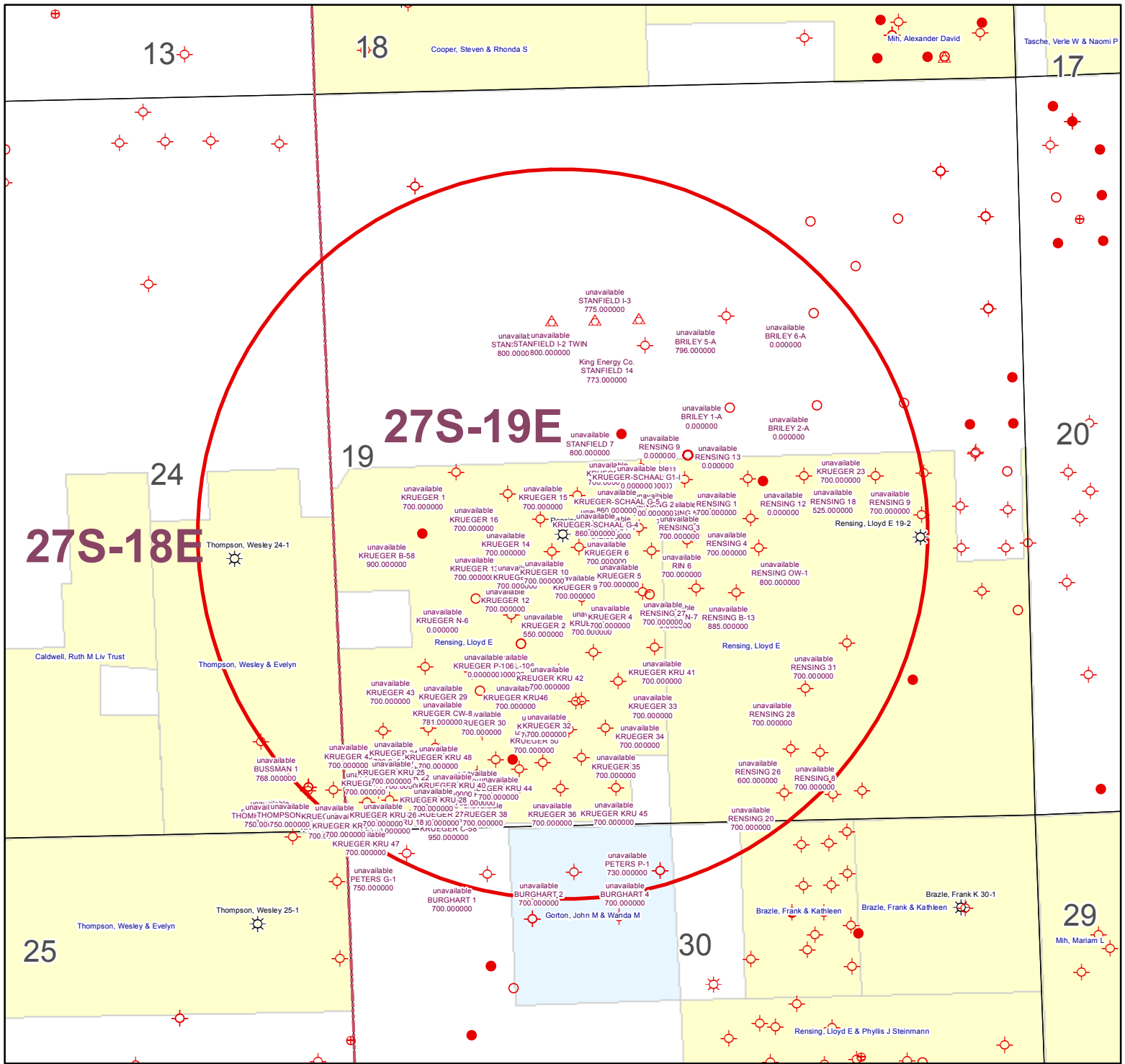
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
903427	3.25 hr	Foreman Pickup	
903177	↓ hr	Cement Pump Truck	
903600	↓ hr	Bulk Truck	
1104	140 SK	Portland Cement	
1124	1	50/50 POZ Blend Cement Baffles <del>3"</del> 3"	
1126	1	OWC Blend Cement	
1110	15 SK	Gilsonite	
1107	1.5 SK	Flo-Seal	
1118	2 SK	Premium Gel	
1215A	local	KCL	
1111B	3 SK	Sodium Silicate Catcher	
1123	removed	City Water	
<del>903414</del>	3.5 hr	Transport Truck	
<del>932170</del>	3.5 hr	Transport Trailer	
931420	3.5 hr	80 Vac	

RECEIVED  
KANSAS CORPORATION COMMISSION

JAN 10 2008

CONSERVATION DIVISION  
WICHITA, KS





**KGS STATUS**

◇	DA/PA
⊕	EOR
☀	GAS
△	INJ/SWD
●	OIL
☀	OIL/GAS
○	OTHER

Rensing, Lloyd E 19-1  
 19-27S-19E  
 1" = 1,000'

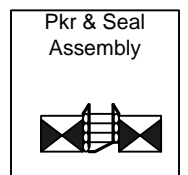
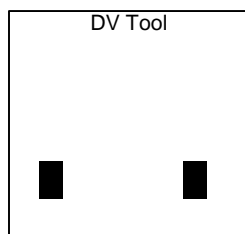
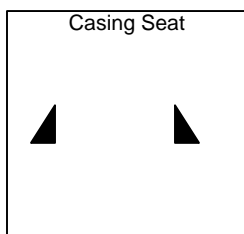
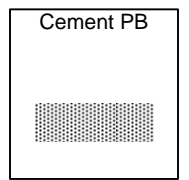
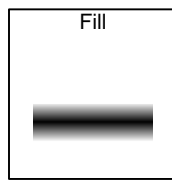
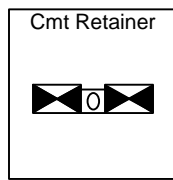
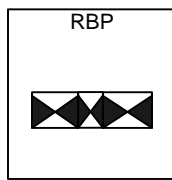
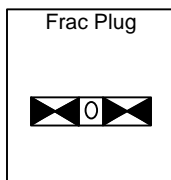
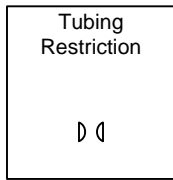
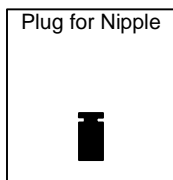
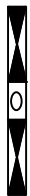
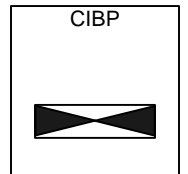
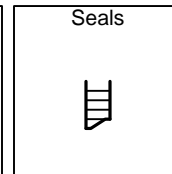
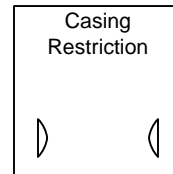
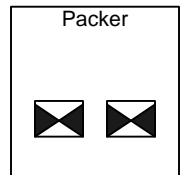
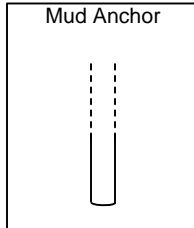
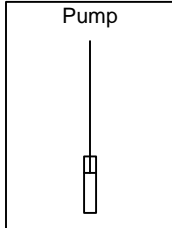
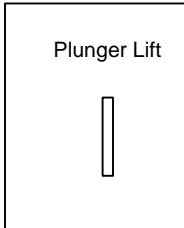
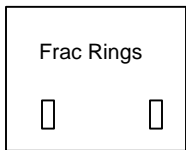
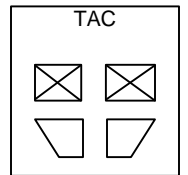
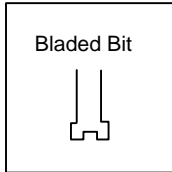
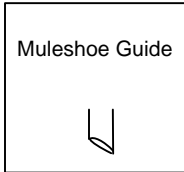
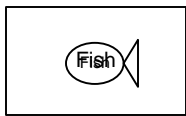
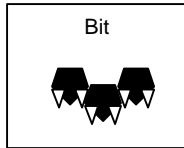
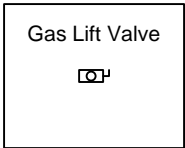
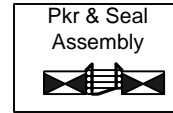
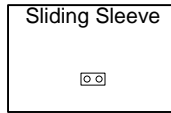
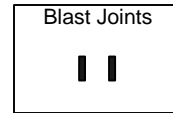
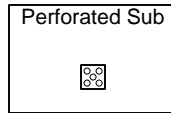
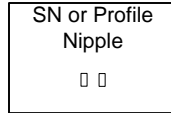
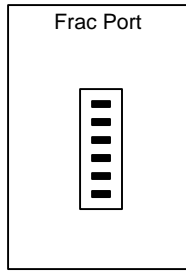
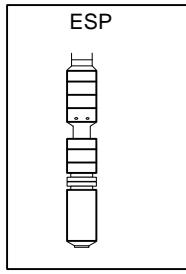


# POSTROCK



## LEGEND

PostRock®





NOTICE OF FILING APPLICATION

RE: In the Matter of **Postrock Midcontinent Production, LLC** Application for Commingling of Production in the **Rensing, Lloyd E 19-1** 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 Midcontinent Production, LLC** has filed an application to commingle the **Summit, Mulky, Croweburg, Fleming, Weir and Cattleman** producing formations at the **Rensing, Lloyd E 19-1**, located in the **SE NW NE SE, S19-T27S-R19E, Approximately 2108 FSL & 854 FEL, Neosho** County, Kansas.

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 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 pollute 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 wishing to protest this application are required to file a written protest with the Conservation Division of the Kansas 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 counsel or as individuals, appearing on their own behalf.

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

A COPY OF THE AFFIDAVIT OF PUBLICATION MUST ACCOMPANY 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.

That the attached notice is a true copy thereof and was published in the regular and entire issue of said newspaper for 1 consecutive time, the first publication thereof being made as aforesaid on the 10 day of October 2012, with subsequent publications being made on the following dates:

\_\_\_\_\_, 2012 \_\_\_\_\_, 2012  
\_\_\_\_\_, 2012 \_\_\_\_\_, 2012

*Rhonda Howerter*

Subscribed and sworn to and before me this 10 day of October, 2012

*[Signature]*  
Notary Public

My commission expires: January 9, 2015

Printer's Fee ..... \$ 70.14  
Affidavit, Notary's Fee ..... \$ 3.00  
Additional Copies ..... \$ \_\_\_\_\_  
Total Publication Fees ..... \$ 73.14



**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 11th of

October A.D. 2012, with

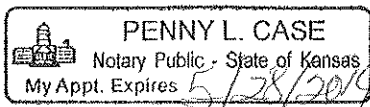
subsequent publications being made on the following dates:

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

*Mark Fletchall*

Subscribed and sworn to before me this

11th day of October, 2012



*Penny L. Case*
Notary Public Sedgwick County, Kansas

Printer's Fee : \$132.40

**LEGAL PUBLICATION**

PUBLISHED IN THE WICHITA EAGLE
OCTOBER 11, 2012 (3211688)
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 Commingling of Production in the Rensing, Lloyd E 19-1 located in Neosho County, Kansas.

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

You, and each of you, are hereby notified that Postrock Midcontinent Production, LLC has filed an application to commingle the Summit, Mulky, Croweburg, Fleming, Weir and Cattleman producing formations at the Rensing, Lloyd E 19-1, located in the SE NW NE SE, S19-T275-R19E, Approximately 2108 FSL & 854 FEL, Neosho County, Kansas.

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 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 pollute 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 wishing to protest this application are required to file a written protest with the Conservation Division of the Kansas 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 counsel or as individuals, appearing on their own behalf.

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

**Affidavit of Notice Served**

Re: Application for: APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS ACO-4

Well Name: RENSING, LLOYD E 19-1 Legal Location: SENWNESE S19-T27S-R19E

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 24<sup>th</sup> of OCTOBER, 2012, a true and correct copy of the application referenced above 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 (Attach additional sheets if necessary)
KING ENERGY CO	2 TIMBER DR, IOLA, KS 66749

I further attest that notice of the filing of this application was published in the THE CHANUTE TRIBUNE, the official county publication of NEOSHO county. A copy of the affidavit of this publication is attached.

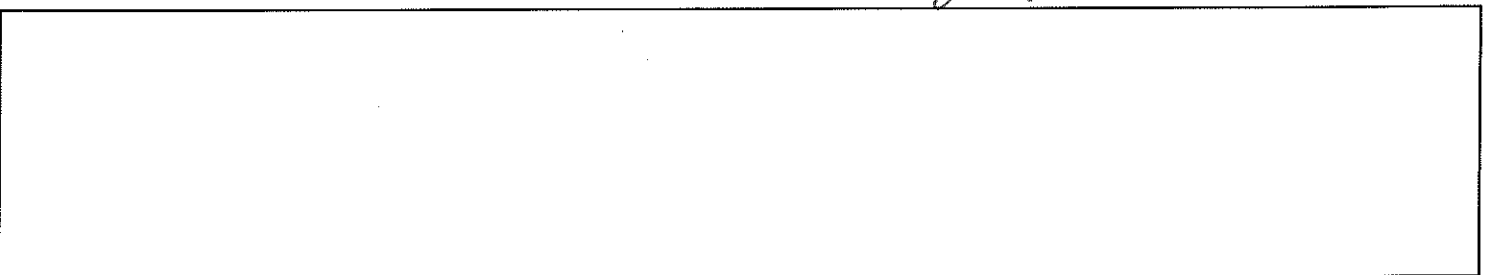
Signed this 24<sup>th</sup> day of OCTOBER, 2012

*Ch... ..*  
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 24<sup>th</sup> day of OCTOBER, 2012



*Jennifer R. Beal*  
Notary Public  
My Commission Expires: July 20, 2016



**RENSING, LLOYD E 19-1**

**19-27S-19E**

NE4 less Michael Watts & Barbara A Watts  
21350 Jackson Rd  
Chanute, KS 66720

NW4 less Kynta Lou Leonard  
PO Box 309  
Cripple Creek, CO 80813

tract in NW Matthew & Jennifer Richard  
20155 Harper Rd  
Chanute, KS 66720

SW less Elliott Family Revocable Inter Vivos Trust  
19730 Irving Rd  
Chanute, KS 66720

tract in SW Daniel R Saubers  
21300 Irving Rd  
Chanute, KS 66720

tract in SW Robert R. Sr. & Earla Allen  
9450 210th Rd  
Chanute, KS 66720

**30-27S-19E**

tract in E2NWNW David & Sarah Cadwallader  
10625 210th Rd  
Chanute, KS 66720

**Tracts in NWNW**

Eric J. Tincher  
20970 Irving Rd  
Chanute, KS 66720

Glenn Wrestler Rev. Trust  
4680 S Santa Fe  
Chanute, KS 66720

Dennis E & Nadine M. Peters  
9075 210th Rd  
Chanute, KS 66720

RWD #7  
PO Box 179  
Chanute, KS 66720

Tract in NW4NE4 Guy E. & Cynthia Catterson  
9555 210th Rd  
Chanute, KS 66720

**24-27S-18E**

N2 SE4 Michael Watts & Barbara A Watts  
21350 Jackson Rd  
Chanute, KS 66720

**tracts in NE**

USD #413  
315 W 35th  
Chanute, KS 66720

Bryant E. Bryant  
8900 Hwy 39  
Chanute, KS 66720

Harry D Fenton  
120 E Chapel St  
Rockton, IL 61072

Kraig E. Follmer  
8805 Hwy 39  
Chanute, KS 66720





**RENSING, LLOYD E 19-1**

<b>LEGAL LOCATION</b>	<b>SPOT</b>	<b>CURR_OPERA</b>
S19-T27S-R19E	SE NE SE NW	King Energy Co.

19-27S-19E NE4 less  
 Michael Watts & Barbara A Watts  
 21350 Jackson Rd  
 Chanute, KS 66720

NW4 less  
 Kymia Lou Leonard  
 PO Box 309  
 Cripple Creek, CO 80813

tract in NW  
 Matthew & Jennifer Richard  
 20155 Harper Rd  
 Chanute, KS 66720

SW less  
 Elliott Family Revocable Inter Vivos Trust  
 19730 Irving Rd  
 Chanute, KS 66720

tract in SW  
 Daniel R Saubers  
 21300 Irving Rd  
 Chanute, KS 66720

tract in SW  
 Robert R. Sr. & Barla Allen  
 9450 210th Rd  
 Chanute, KS 66720

30-27S-19E tract in E2NW  
 David & Sarah Cadwallader  
 10625 210th Rd  
 Chanute, KS 66720

Tracts in NWNW  
 Eric J. Tincher  
 20970 Irving Rd  
 Chanute, KS 66720

Glenn Wrestler Rev. Trust  
 4680 S Santa Fe  
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Dennis E & Nadine M. Peters  
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 PO Box 179  
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Tract in NW4NE4  
 Guy E. & Cynthia Caterson  
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 Chanute, KS 66720

24-27S-18E N2 SE4  
 Michael Watts & Barbara A Watts  
 21350 Jackson Rd  
 Chanute, KS 66720

tracts in NE  
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 Chanute, KS 66720

Bryant E. Bryant  
 8900 Hwy 39  
 Chanute, KS 66720

Harry D Fenton  
 120 E Chapel St  
 Rockton, IL 61072

Kraig E. Follmer  
 8805 Hwy 39  
 Chanute, KS 66720

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/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

November 8, 2012

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

RE: Approved Commingling CO101218  
Rensing, Lloyd E. 19-1, Sec. 19-T27S-R19E, Neosho County  
API No. 15-133-27110-00-00

Dear Mr. Edwards:

Your Application for Commingling (ACO-4) for the above described well, received by the KCC on October 26, 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 Weir 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 CO101218 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