KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1085554

Form ACO-4
Form must be typed
March 2009

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

Commingling ID # CO071205

OPERATOR: License # 33343
Name: PostRock Midcontinent Production LLC
Address 1: Oklahoma Tower
Address 2: 210 Park Ave, Ste 2750
City: OKLAHOMA CITY State: OK Zip: 73102 + _ _ _ _
Contact Person: Clark Edwards
Phone: (620) 432-4200

API No. 15 - 15-133-27177-00-01
Spot Description:
SW NE NE NE Sec. 29 Twp. 27 S. R. 19 ☑ East ☐ West
500 Feet from ☑ North / ☐ South Line of Section
500 Feet from ☑ East / ☐ West Line of Section
County: Neosho
Lease Name: GREVE, RICHARD N. Well #: 29-1

☑ 1. Name and upper and lower limit of each production interval to be commingled:

Formation:	FLEMING	(Perfs):	598-600
Formation:	CROWEBURG	(Perfs):	567-570
Formation:	BEVIER	(Perfs):	546-548
Formation:	MULKY	(Perfs):	466-470
Formation:		(Perfs):	

☑ 2. Estimated amount of fluid production to be commingled from each interval:

Formation:	FLEMING	BOPD:	0	MCFPD:	1.5	BWPD: 6.67
Formation:	CROWEBURG	BOPD:	0	MCFPD:	1.5	BWPD: 6.67
Formation:	BEVIER	BOPD:	0	MCFPD:	1.5	BWPD: 6.67
Formation:	MULKY	BOPD:	0	MCFPD:	1.5	BWPD: 6.67
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: 7/14/2012
Approved By: Rick Hestermann Date: 07/16/2012

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 wihin 15 days of publication of the notice of application.

Mail with all required attachments and files to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

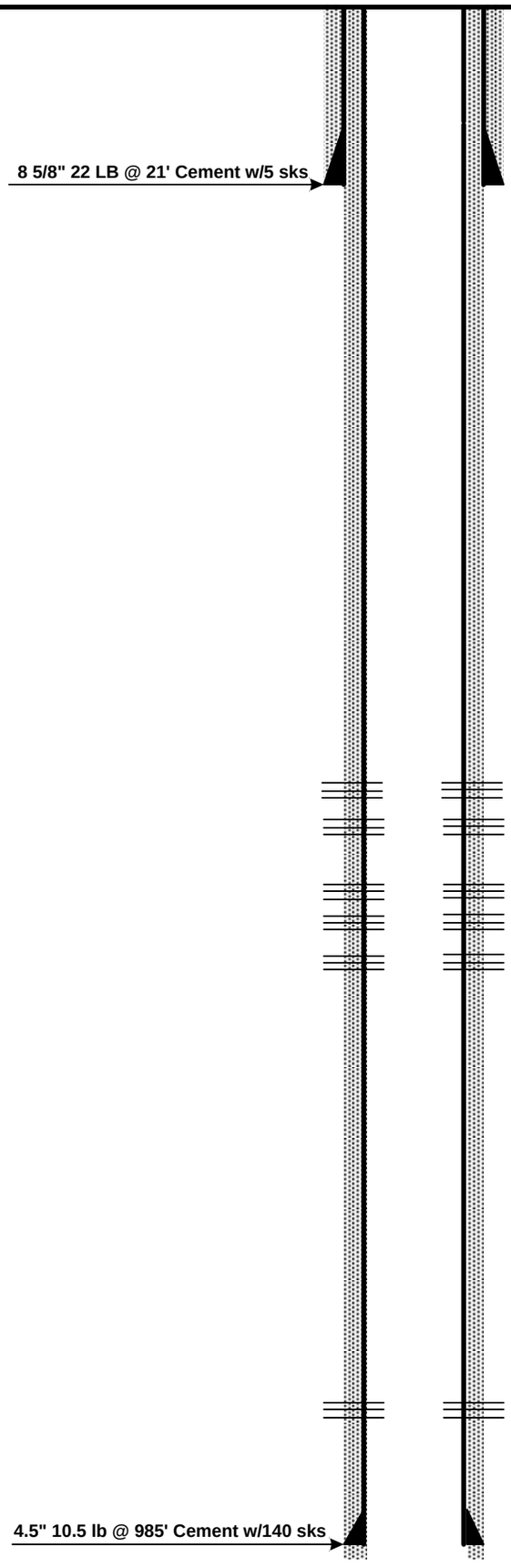
POSTROCK

Current Completion

WELL : Greve, Richard N 29-1
FIELD : Cherokee Basin
STATE : Kansas
COUNTY : Neosho

SPUD DATE : 9/25/2007
COMP. Date : 2/1/2008
API: 15-133-27177

LOCATION: 29-27S-19E (NE, NE)
ELEVATION: GL - 920'



Wellhead/Surface Equipment

Tree Connection	
Tree	
Tubing Head	
Bradenhead	
Pumping Unit	
Compressor	

Tubular Detail

Size	Weight	Grade	Cap(bbl/ft)	Date	Depth
8 5/8"	22 lb			2007	21'
4 ½"	10.5 lb		.0159	2007	985'

Downhole Equipment Detail

Completion Data

Original as GAS Well per ACO-1s

900 gals 15% HCL

Perforations

Original Completion
888 – 891 (13) (1/31/2007)
Continued in 2008
455 – 459 (17)
466 – 470 (17)
546 – 548 (9)
567 – 570 (13)
598 – 600 (9)

PREPARED BY: POSTROCK **DATE:** June, 2012

APPROVED BY: _____ **DATE:** _____

POSTROCK

PostRock

LEGEND

ESP

Frac Port

SN or Profile Nipple

On-Off Tool

Perforated Sub

Blast Joints

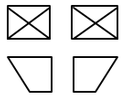
Sliding Sleeve

Pkr & Seal Assembly

Gas Lift Valve

Bit

TAC



Fish

Muleshoe Guide

Bladed Bit

Packer

Frac Rings

Plunger Lift

Pump

Mud Anchor

Casing Restriction

Seals

CIBP

Plug for Nipple

Tubing Restriction

Frac Plug

RBP

Cmt Retainer

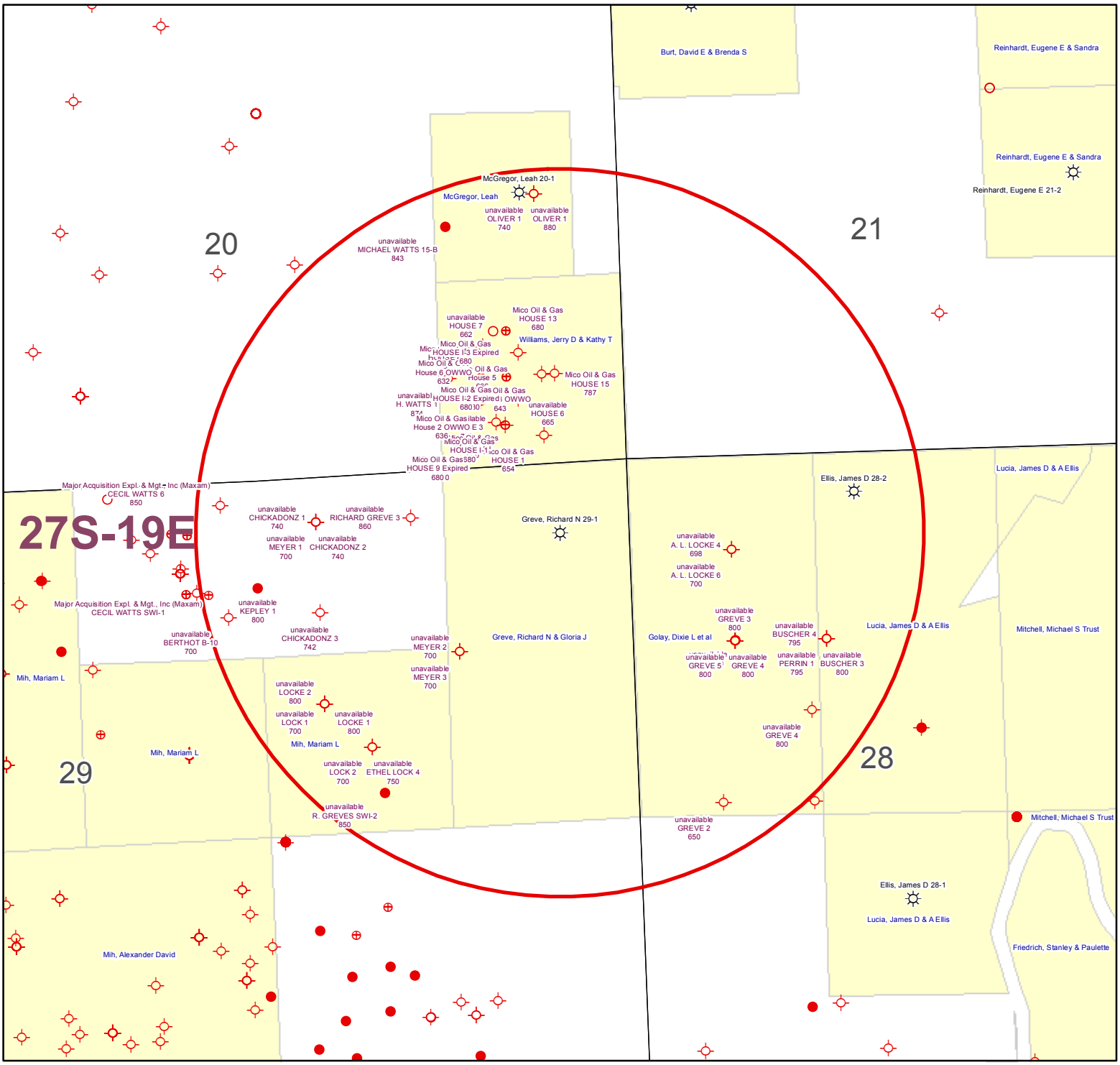
Fill

Cement PB

Casing Seat

DV Tool

Pkr & Seal Assembly



KGS STATUS

- DA/PA
- EOR
- GAS
- INJ/SWD
- OIL
- OIL/GAS
- OTHER

Greve, Richard N 29-1
29-27S-19E
1" = 1,000'

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

1/22/10

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form 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 CONFIDENTIAL
Contractor: Name: TXD JAN 2 2 2008
License: 33837
Wellsite Geologist: Ken Recoy KCC

Designate Type of Completion:
✓ New Well ____ Re-Entry ____ Workover
____ Oil ____ SWD ____ SIOW ____ 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.

9/25/07	9/30/07	10/1/07
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-27177-0000
County: Neosho
__ - __ - ne - ne Sec. 29 Twp. 27 S. R. 19 ✓ East ☐ West
500 feet from S / (N) (circle one) Line of Section
500 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Greve, Richard N. Well #: 29-1
Field Name: Cherokee Basin CBM
Producing Formation: not yet complete
Elevation: Ground: 920 Kelly Bushing: n/a
Total Depth: 995 Plug Back Total Depth: 985
Amount of Surface Pipe Set and Cemented at 21 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
If yes, show depth set ____ Feet
If Alternate II completion, cement circulated from 985
feet depth to surface w/ 140 sx cmt.

Drilling Fluid Management Plan AH II NJH 2709
(Data must be collected from the Reserve Pit)
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: 1/22/08
Subscribed and sworn to before me this 22nd day of January, 20 08.
Notary Public: Terra Klauman
Date Commission Expires: 8-4-2010

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

KCC Office Use ONLY
✓ Letter of Confidentiality Received
✓ If Denied, Yes ☐ Date:
✓ Wireline Log Received
____ Geologist Report Received
____ UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 23 2008
CONSERVATION DIVISION
WICHITA, KS

Side Two

Operator Name: Quest Cherokee, LLC Lease Name: Greve, Richard N. Well #: 29-1

Sec. 29 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 ☐ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☐ No

Cores Taken ☐ Yes ☐ No

Electric Log Run ☐ Yes ☐ No
(Submit Copy)

List All E. Logs Run:

Compensated Density Neutron Log
Dual Induction Log

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

See attached

CASING RECORD ☐ New ☐ 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	"A"	5	
Production	6-3/4	4-1/2	10.5	985	"A"	140	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

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
	waiting on pipeline		

TUBING RECORD Size Set At Packer At | Liner Run ☐ Yes ☐ No

Date of First, Resumerd Production, SWD or Enhr. | Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled _____

☐ Other *(Specify)* _____

TERRA KLAUS
Notary Public
My Appt. Expires

	A	B	C	D	E	F	G	H	I	J	K
1	Produced Fluids #		1	2	3	4	5		Click here to run SSP	Click	
2	Parameters	Units	Input	Input	Input	Input	Input				
3	Select the brines	Select fluid	☑	☑	☑	☑	☑	Mixed brine:		Click	
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.	Goal Seek SSP	Click	
6	Operator	Row 3	PostRock	PostRock	PostRock	PostRock	PostRock	Cells H35-38			
7	Well Name		Ward Feed	Ward Feed	Clinesmith	Clinesmith	Clinesmith	are used in		Click	
8	Location		#34-1	#4-1	#5-4	#1	#2	mixed brines			
9	Field		CBM	CBM	Bartles	Bartles	Bartles	calculations.			
10	Na^+	(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^+ (if not known =0)	(mg/l)						0.00	Saturation Index values		
12	Mg^{2+}	(mg/l)	1,096.00	872.00	1,200.00	953.00	858.00	995.91	Calcite		
13	Ca^{2+}	(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^{2+}	(mg/l)						0.00	Barite		
15	Ba^{2+}	(mg/l)						0.00			
16	Fe^{2+}	(mg/l)	40.00	21.00	18.00	82.00	90.00	50.21	Halite		
17	Zn^{2+}	(mg/l)						0.00	-1.77	-1.80	-0.03
18	Pb^{2+}	(mg/l)						0.00	Gypsum		
19	Cl^-	(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_4^{2-}	(mg/l)	1.00	1.00	8.00	1.00	1.00	2.40	Hemihydrate		
21	F^-	(mg/l)						0.00	-3.96	-3.90	0.06
22	Br^-	(mg/l)						0.00	Anhydrite		
23	SiO2	(mg/l) SiO2						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	Celestite		
25	CO3 Alkalinity	(mg/l as CO3)									
26	Carboxylic acids**	(mg/l)						0.00	Iron Sulfide		
27	Ammonia	(mg/L) NH3						0.00	-0.16	-0.22	-0.06
28	Borate	(mg/L) H3BO3						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_2 Gas Analysis	(%)	19.97	18.76	22.41	35.53	33.79	26.16			
32	H_2S Gas Analysis***	(%)	0.0289	0.0292	0.0296	0.0306	0.0151	0.0269	Iron Carbonate		
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)	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-CO2%+Alk, 1-pH+Alk, 2-CO2%+pH	0	0	0	0	0		Calcite	NTMP	
36	Gas/day(thousand cf/day)	(Mcf/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)	pH		
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/^{0}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^+ (Strong acid) †	(N)									
51	OH^- (Strong base) †	(N)									
52	Quality Control Checks at STP:										
53	H_2S Gas	(%)									
54	Total H2Saq (STP)	(mgH2S/l)									
55	pH Calculated	(pH)									
56	PCO2 Calculated	(%)									
57	Alkalinity Caclulated	(mg/l) as HCO3									
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^3	100	ft^3	3,531	
65	If No, inhibitor # is:	4	#	4	DTPMP	m^3	100	bbl(42 US gal)	629	
66	If you select Mixed,			5	PPCA	MPa	1,000	psia	145,074	
67	1st inhibitor # is:	1	#	6	SPA	Bar	496	psia	7,194	
68	% of 1st inhibitor is:	50	%	7	HEDP	Torr	10,000	psia	193	
69	2nd inhibitor # is:	2	#	8	HDTMP	Gal	10,000	bbl(42 US gal)	238	
70	Display act. coefs?	0	1-Yes;0-No	9	Average	Liters	10,000	bbl(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

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

1 NAME & UPPER & LOWER LIMIT OF EACH PRODUCTION INTERVAL TO BE COMMINGLED

FORMATION:	SUMMITT	(PERFS):	455	-	459
FORMATION:	BARTLESVILLE	(PERFS):	772	-	784
FORMATION:	BARTLESVILLE	(PERFS):	698	-	706
FORMATION:	BARTLESVILLE	(PERFS):	685	-	690
FORMATION:	BARTLESVILLE	(PERFS):	628	-	633
FORMATION:		(PERFS):		-	
FORMATION:		(PERFS):		-	
FORMATION:		(PERFS):		-	
FORMATION:		(PERFS):		-	
FORMATION:		(PERFS):		-	
FORMATION:		(PERFS):		-	
FORMATION:		(PERFS):		-	

2 ESTIMATED AMOUNT OF FLUID PRODUCTION TO BE COMMINGLED FROM EACH INTERVAL

FORMATION:	SUMMITT	BOPD:	0	MCFPD:	1.5	BWPD:	6.7
FORMATION:	BARTLESVILLE	BOPD:	0.75	MCFPD:	0	BWPD:	5
FORMATION:	BARTLESVILLE	BOPD:	0.75	MCFPD:	0	BWPD:	5
FORMATION:	BARTLESVILLE	BOPD:	0.75	MCFPD:	0	BWPD:	5
FORMATION:	BARTLESVILLE	BOPD:	0.75	MCFPD:	0	BWPD:	5
FORMATION:		BOPD:		MCFPD:		BWPD:	
FORMATION:		BOPD:		MCFPD:		BWPD:	
FORMATION:		BOPD:		MCFPD:		BWPD:	
FORMATION:		BOPD:		MCFPD:		BWPD:	
FORMATION:		BOPD:		MCFPD:		BWPD:	
FORMATION:		BOPD:		MCFPD:		BWPD:	
FORMATION:		BOPD:		MCFPD:		BWPD:	

Affidavit of Notice Served

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

Well Name: GREVE, RICHARD N 29-1 Legal Location: NE NE S29-T27S-R19E

The undersigned hereby certificates that he / she is a duly authorized agent for the applicant, and that on the day 29TH of JUNE, 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)*
MAJOR ACQUISITION EXPL. & MGT. INC	908 BRIDGE STREET, HUMBOLDT, KS 66748
MICO OIL & GAS	PO BOX 281, PAOLA, KS 66071

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

Signed this 29TH day of JUNE, 2012

Jennifer R. Beal
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 29TH day of JUNE, 2012

Denise V. Venneman
Notary Public

My Commission Expires: 7-1-12

NOTARY PUBLIC OFFICIAL SEAL DENISE V. VENNEMAN MY COMMISSION EXPIRES July 1, 2012

NW NE of 29 -TO dtd 9-1-07
PAUL CADWALLADER & LINDA CADWALLADER 039-29-0-00-00-001.01-0
10625 210TH RD
CHANUTE, KS 66720

NE NW of 29 -TO dtd 9-1-07
CECIL E WATTS & KATHLEEN A WATTS 039-29-0-00-00-002.00-0
501 E 6TH
CHANUTE, KS 66720

E2 E2 SE of 29 & W2 SW of 28
HARRY D WHEAT & BETTY JO WHEAT 038-28-0-00-00-004.00-0
1128 MONEY AVE
AUGUSTA, KS 67010

W2 SE & S2 E2 SE4 of 29
BEALE FAMILY LIVING TRUST 039-29-0-00-00-005.00-0
2301 TIPPS RD
CROSSROADS, TX 76227

Tract in SE of 20
MICHAEL WATTS & BARBARA A WATTS 034-20-0-00-02-006.00-0
21350 JACKSON RD
CHANUTE, KS 66720

Tract in SE of 20
SHARON S GREVE 034-20-0-00-02-005.00-0
10645 HWY 39
CHANUTE, KS 66720

Tract in W2SE of 20 (W of McGregor)
James C Davis Jr & Patty S Davis 034-20-0-00-02-003.00-0
10735 Hwy 39
CHANUTE, KS 66720

Douglas Lehmann & Allison Lehmann 034-20-0-00-02-003.00-0
10695 Hwy 39
CHANUTE, KS 66720

Tract in E2SE of 20 (E of McGregor) 034-20-0-00-02-001.00-0
Donald D Halloway
PO Box 100562
Florence SC 29501

Tract in N2SW of 21
ARNOLD E & C E SUMMERVILL FAMILY TRUST 035-21-0-00-02-006.00-0
21480 KIOWA RD
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TODD PHILLIPS & TERESA M PHILLIPS 035-21-0-00-02-012.00-0
11180 210TH RD
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CARY SCHWAB & TAMERA R SCHWAB 035-21-0-00-02-013.00-0
11250 210TH RD
CHANUTE, KS 66720

Tract in SESW of 21
WILLIAM E AUGUSTINE & JOAN AUGUSTINE 035-21-0-00-02-014.00-0
11560 210TH RD
CHANUTE, KS 66720

Tract in SWSW of 21
Howard L Alger & Donna E. Alger 035-21-0-00-02-009.00-0
21220 Kiowa Rd
CHANUTE, KS 66720

Gary L. Friederich & WG Friederich 035-21-0-00-02-010.00-0
21100 Kiowa Rd
CHANUTE, KS 66720

David J Bass & Debra J Bass 035-21-0-00-02-011.00-0
21050 Kiowa Rd
CHANUTE, KS 66720

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 **Greve, Richard N. 29-1** 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 **Fleming, Croweburg, Bevier, Mulky, Summit, and Bartlesville** producing formations at the **Greve, Richard N. 29-1,** located in the **NE NE, S29-T27S-R19E, Approximately 500 FNL & 500 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 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 24 day of May 2012, with subsequent publications being made on the following dates:

_____, 2012 _____, 2012

_____, 2012 _____, 2012

Rhonda Howerter

Subscribed and sworn ~~to~~ and before me this 1 day of June, 2012

_____
Notary Public

My commission expires: January 9, 2015

Printer's Fee ..... $ 62.34
Affidavit, Notary's Fee ..... $ 3.00
Additional Copies ..... $ _____
Total Publication Fees ..... $ 65.34

SHANNA L. GUIOT
Notary Public - State of Kansas
My Appt. Expires 1-9-15

GREVE, RICHARD N 29-1 - APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS

Offset Operators, Unleased Mineral Owners and Landowners acreage

(Attach additional sheets if necessary)

Name:	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.

Jennifer B. Beal

Applicant or Duly Authorized Agent

Subscribed and sworn before me this 29TH day of JUNE, 2012

Denise V. Venneman

Notary Public

My Commission Expires: 7-1-12

NOTARY PUBLIC OFFICIAL SEAL STATE OF NEW MEXICO

DENISE V. VENNEMAN
MY COMMISSION EXPIRES
July 1, 2012

GREVE, RICHARD N 29-1
OFFSET OPERATORS, UNLEASED MINERAL OWNERS AND LANDOWNERS ACREAGE

SPOT	LEGAL LOCATION	CURR_OPERA
NE NE NW	S29-T27S-R19E	**Major Acquisition Expl. & Mgt., Inc (Maxam)**
SE NE NW	S29-T27S-R19E	**Major Acquisition Expl. & Mgt., Inc (Maxam)**
S2 S2 SE SE	S20-T27S-R19E	**Mico Oil & Gas**
W2 SE SE	S20-T27S-R19E	**Mico Oil & Gas**
NW SE SE	S20-T27S-R19E	**Mico Oil & Gas**
E2 SE SE	S20-T27S-R19E	**Mico Oil & Gas**
NW SW SE SE	S20-T27S-R19E	**Mico Oil & Gas**
NE SW SE SE	S20-T27S-R19E	**Mico Oil & Gas**
W2 W2 SE SE	S20-T27S-R19E	**Mico Oil & Gas**
NW SE SE	S20-T27S-R19E	**Mico Oil & Gas**
SW NW SE SE	S20-T27S-R19E	**Mico Oil & Gas**
SW SE SE	S20-T27S-R19E	**Mico Oil & Gas**
SW SE SE	S20-T27S-R19E	**Mico Oil & Gas**
SW SE SE	S20-T27S-R19E	**Mico Oil & Gas**
SW SE SE	S20-T27S-R19E	**Mico Oil & Gas**
W2 SE SE	S20-T27S-R19E	**Mico Oil & Gas**
NW SE SE	S20-T27S-R19E	**Mico Oil & Gas**

NW NE of 29 -TO dtd 9-1-07
PAUL CADWALLADER & LINDA CADWALLADER 039-29-0-00-00-001.01-0
10625 210TH RD
CHANUTE, KS 66720

NE NW of 29 -TO dtd 9-1-07
CECIL E WATTS & KATHLEEN A WATTS 039-29-0-00-00-002.00-0
501 E 6TH
CHANUTE, KS 66720

E2 E2 SE of 29 & W2 SW of 28
HARRY D WHEAT & BETTY JO WHEAT 038-28-0-00-00-004.00-0
1128 MONEY AVE
AUGUSTA, KS 67010

W2 SE & S2 E2 SE4 of 29
BEALE FAMILY LIVING TRUST 039-29-0-00-00-005.00-0
2301 TIPPS RD
CROSSROADS, TX 76227

Tract in SE of 20
MICHAEL WATTS & BARBARA A WATTS 034-20-0-00-02-006.00-0
21350 JACKSON RD
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21050 Kiowa Rd
CHANUTE, KS 66720

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 **1st** 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.

Mark Fletchall

Subscribed and sworn to before me this

1st day of June, 2012

PENNY L. CASE
Notary Public - State of Kansas
My Appt. Expires 5/28/2014

Penny L. Case

Notary Public Sedgwick County, Kansas

Printer's Fee : **$130.00**

LEGAL PUBLICATION

PUBLISHED IN THE WICHITA EAGLE
JUNE 1, 2012 (3187782)
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 **Greve, Richard N. 29-1** located in **Neosho** County, Kansas.

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

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

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

Kansas
Corporation Commission

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

July 16, 2012

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

RE: Approved Commingling CO071205
Greve, Richard N. 29-1, Sec.29-T27S-R19E, Neosho County
API No. 15-133-27177-00-01

Dear Mr. Edwards:

Your Application for Commingling (ACO-4) for the above described well, received by the KCC on July 2, 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 Bartlesville formation perforations, total oil production shall not exceed 100 BOPD and total gas production shall not exceed 50% of the absolute open flow (AOF).

Commingling ID number CO071205 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