



KANSAS CORPORATION COMMISSION 1097409
OIL & GAS CONSERVATION DIVISION

Form ACO-4
Form must be typed
March 2009

APPLICATION FOR COMMINGLING OF *Commingling ID #* **CO111201**
PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a)

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 - 15-133-26822-00-00
Spot Description: _____
NW SE NE NW Sec. 12 Twp. 27 S. R. 19 East West
674 Feet from North / South Line of Section
2049 Feet from East / West Line of Section
County: Neosho
Lease Name: GREVE, GLEN D. Well #: 12-1

1. Name and upper and lower limit of each production interval to be commingled:
Formation: SUMMIT (Perfs): 494-498
Formation: MULKY (Perfs): 504-508
Formation: BEVIER (Perfs): 581-582
Formation: CROWEBURG (Perfs): 603-606
Formation: FLEMING (Perfs): 634-636

2. Estimated amount of fluid production to be commingled from each interval:
Formation: SUMMIT BOPD: 0 MCFPD: 0 BWPD: 0
Formation: MULKY BOPD: 0 MCFPD: 0 BWPD: 0
Formation: BEVIER BOPD: 0 MCFPD: 0 BWPD: 0
Formation: CROWEBURG BOPD: 0 MCFPD: 0 BWPD: 0
Formation: FLEMING BOPD: 0 MCFPD: 0 BWPD: 0

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:

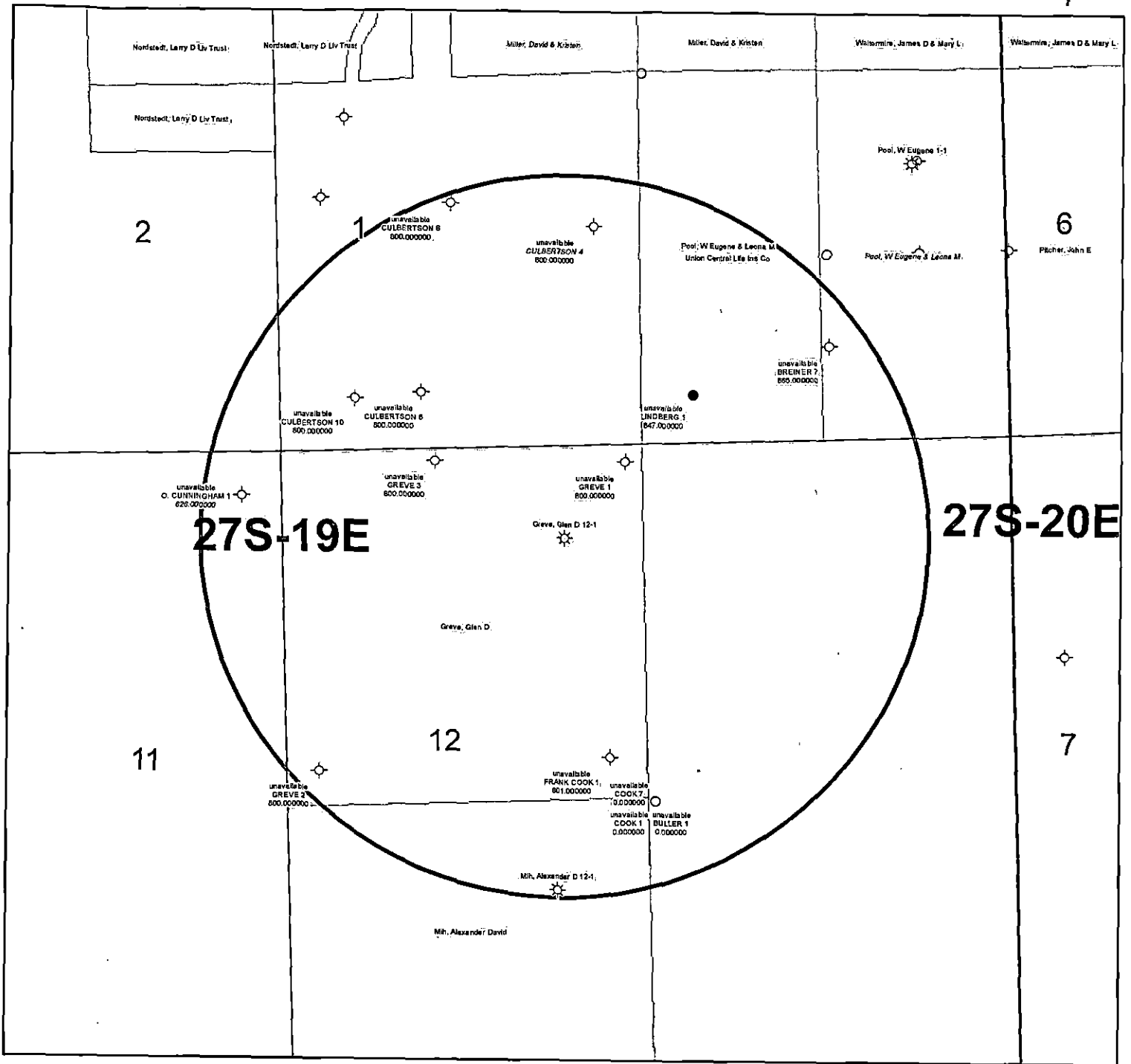
7. Well construction diagram of subject well.
 8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

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	
<input type="checkbox"/> Denied	<input checked="" type="checkbox"/> Approved
15-Day Periods Ends: <u>11/11/2012</u>	
Approved By: <u>Rick Hestermann</u>	Date: <u>11/13/2012</u>

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.



KGS STATUS	
◇	DA/PA
⊙	EOR
⊛	GAS
△	INJ/SWD
●	OIL
⊛	OIL/GAS
○	OTHER

Greve, Glen D 12-1
 12-27S-19E
 1" = 1,000'

	A	B	C	D	E	F	G	H	I	J	K		
1	Produced Fluids #		1	2	3	4	5		Click here to run SSP Goal Seek SSP		Click		
2	Parameters	Units	Input	Input	Input	Input	Input						Click
3	Select the brines	Select fluid by checking the box(es),	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mixed brine: Cell H28 is					Click
4	Sample ID							STP calc. pH.					Click
5	Date		3/19/2012	3/4/2012	3/14/2012	1/20/2012	1/20/2012	Cells H35-38 are used in mixed brines calculations.					Click
6	Operator	Row 3	PostRock	PostRock	PostRock	PostRock	PostRock						Click
7	Well Name		Ward Feed	Ward Feed	Clinesmith	Clinesmith	Clinesmith						Click
8	Location		#34-1	#4-1	#5-4	#1	#2						Click
9	Field		CBM	CBM	Bartles	Bartles	Bartles						Click
10	Na ⁺	(mg/l)*	19,433.00	27,381.00	26,534.00	25689.00	24220.00	24654.20	Initial(BH)	Final(WH)	S/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	SiO ₂	(mg/l) SiO ₂						0.00	-3.47	-3.36	0.12		
24	HCO ₃ Alkalinity**	(mg/l as HCO ₃)	190.00	234.00	259.00	268.00	254.00	241.03	Celestite				
25	CO ₃ Alkalinity	(mg/l as CO ₃)											
26	Carboxylic acids**	(mg/l)						0.00	Iron Sulfide				
27	Ammonia	(mg/L) NH ₃						0.00	-0.16	-0.22	-0.06		
28	Borate	(mg/L) H ₃ BO ₃						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 ₂ S Gas Analysis***	(%)	0.0289	0.0292	0.0296	0.0306	0.0151	0.0269	Iron Carbonate				
33	Total H ₂ Saq	(mgH ₂ S/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)				
	Choose one option to calculate SI?	0-CO ₂ +Alk, 1-pH+Alk, 2-CO ₂ +pH							Calcite	NTMP			
35	Gas/day(thousand cf/day)	(Mcf/D)	0	0	0	0	0	0	0.00	0.00			
36	Oil/Day	(B/D)	0	0	1	1	1	4	Barite	BHPMP			
37	Water/Day	(B/D)	100	100	100	100	100	500	0.00	0.00			
38	For mixed brines, enter values for temperatures and pressures in Cells (H40-H43)								(Enter H40-H43)		pH		
39	Initial T	(F)	66.0	71.0	70.0	41.0	49.0	60.0	5.69	5.60			
40	Final T	(F)	66.0	71.0	70.0	41.0	49.0	89.0	Viscosity (CentiPoise)				
41	Initial P	(psia)	25.0	25.0	25.0	25.0	25.0	25.0	1.196	0.826			
42	Final P	(psia)	25.0	25.0	25.0	25.0	25.0	120.0	Heat Capacity (cal/ml ^o C)				
43	Use TP on Calcite sheet?	1-Yes;0-No							0.955	0.959			
44	API Oil Grav.	API grav.						30.00	Inhibitor needed (mg/L)				
45	Gas Sp.Grav.	Sp.Grav.						0.60	Gypsum	HDTMP			
46	MeOH/Day	(B/D)	0					0	0.00	0.00			
47	MEG/Day	(B/D)	0					0	Anhydrite	HDTMP			
48	Conc. Multiplier								0.00	0.00			
49	H ⁺ (Strong acid) †	(N)											
50	OH ⁻ (Strong base) †	(N)											
51	Quality Control Checks at STP:												
52	H ₂ S Gas	(%)											
53	Total H ₂ Saq (STP)	(mgH ₂ S/l)											
54	pH Calculated	(pH)											
55	PCO ₂ Calculated	(%)											
56	Alkalinity Calculated	(mg/l) as HCO ₃											
57	ECations=	(equiv./l)											
58	EAnions=	(equiv./l)											
59	Calc TDS=	(mg/l)											
60	Inhibitor Selection	Input	Unit	#	Inhibitor	Unit Converter (From metric to English)	Value	To Unit	Value				
61	Protection Time	120	min	1	NTMP	From Unit	80	°F	176				
62	Have ScaleSoftPitzer			2	BHPMP	°C	100	ft ³	3,531				
63	pick inhibitor for you?	1	1-Yes;0-No	3	PAA	m ³	100	bb(42 US gal)	629				
64	If No, inhibitor # is:	4	#	4	DTPMP	m ³	100	psia	145,074				
65	If you select Mixed,			5	PPCA	MPa	1,000	psia	7,194				
66	1 st inhibitor # is:	1	#	6	SPA	Bar	496	psia	193				
67	% of 1 st inhibitor is:	50	%	7	HEDP	Torr	10,000	psia	238				
68	2 nd inhibitor # is:	2	#	8	HDTMP	Gal	10,000	bb(42 US gal)	63				
69	Display act. coeffs?	0	1-Yes;0-No	9	Average	Liters	10,000	bb(42 US gal)					
70				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 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

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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

8/28/09

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: TXD
License: 33837
Wellsite Geologist: Ken Recoy

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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. _____

5/7/07 5/9/07 5/10/07
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 133-26822-0000
County: Neosho
_____ ne _____ nw Sec. 12 Twp. 27 S. R. 19 East West
660 feet from S / (N) (circle one) Line of Section
2050 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, Glen D. Well #: 12-1
Field Name: Cherokee Basin CBM
Producing Formation: Multiple
Elevation: Ground: 991 Kelly Bushing: n/a
Total Depth: 1038 Plug Back Total Depth: 1025.2
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 1025.20
feet depth to surface _____ w/ 130 _____ sx cmt.

Drilling Fluid Management Plan ALF 7107 21309
(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: 8/28/07
Subscribed and sworn to before me this 28th day of August
07
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

AUG 28 2007

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Quest Cherokee, LLC Lease Name: Greve, Glen D. Well #: 12-1
 Sec. 12 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 Log Formation (Top), Depth and Datum Sample
 (Attach Additional Sheets) Name Top Datum
 Samples Sent to Geological Survey Yes No See attached
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

Compensated Density Neutron Log
 Dual Induction Log
 Gamma Ray Neutron Log

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	21.5	"A"	5	
Production	6-3/4	4-1/2	10.5	1025.20	"A"	130	

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	902-905	300gal 15% HCL w/ 19 bbls 2% KCl water, 176 bbls water w/ 2% KCL, Biocide, 1300# 20/40 sand	902-905
.4	733-735/634-636/603-606/581-582	300gal 15% HCL w/ 40 bbls 2% KCl water, 58 bbls water w/ 2% KCL, Biocide, 7300# 20/40 sand	733-735/634-636 603-606/581-582
.4	504-508/494-498	300gal 15% HCL w/ 37 bbls 2% KCl water, 57 bbls water w/ 2% KCL, Biocide, 8600# 20/40 sand	504-508/494-498

TUBING RECORD Size 2-3/8" Set At 929 Packer At n/a Liner Run Yes No

Date of First, Resumerd Production, SWD or Enhr. 8/21/07 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil n/a Bbls. Gas 0mcf Mcf Water 4.3bbls Bbls. Gas-Oil Ratio Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Submit ACO-16.) Other (Specify)



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

504 620250

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TICKET NUMBER 2155

FIELD TICKET REF # _____

FOREMAN Dwayne

TREATMENT REPORT
& FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER			SECTION	TOWNSHIP	RANGE	COUNTY
5-10-07	Greene Glen 12-1			12	27	19	NO
FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Dwayne	7:00	1:30		901640		6.5 hr	<i>Dwayne</i>
Marrick	7:00	1:30		903197		hr	<i>Marrick</i>
Craig	7:00	1:30		903103		hr	<i>Craig</i>
Gary C.	7:00	1:30		931500		hr	<i>Gary C.</i>
Paul	7:00	1:30		Extra		hr	<i>Paul</i>

JOB TYPE Long String HOLE SIZE 6 3/4 HOLE DEPTH 1038 CASING SIZE & WEIGHT 4 1/2 10.5
 CASING DEPTH 1025.2 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 14.30 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS:

Hooked onto well and Broke Circulation Pump 100 # Perm Gel
 Followed by 5 Bbl. Pad Then 12 Bbl. Dye Marker and Start
 Cement. Pump 130 sacks cement to get dye back. Stop and
 wash out Pump then pump wiper Plug to Bottom and set
 @ Floor Shoe

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
	1025.2	4 1/2 Casing	
	5	4 1/2 Centralizers	
	1	4 1/2 Floor Shoe	
901640	6.5 hr	Foreman Pickup	
903197	6.5 hr	Cement Pump Truck	
903103	6.5 hr	Bulk Truck	
1104	120 SK	Portland Cement	
1124	1	5/8" Wiper Plug 4 1/2 Wiper Plug	
1126	2	3" Frac Baffles Frac Baffles 3" 3 1/2"	
1110	13 SK	Gilsonite	
1107	1 SK	Flo-Seal	
1118	1 SK	Premium Gel	
1215A	1 Gal	KCL	
1111B	3	Gal Chloride Gal Chloride	
1123	5000 Gal	City Water	
		Transport Truck	
		Transport Trailer	
931500	6.5 hr	80 Vac	

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CONSERVATION DIVISION
WICHITA, KS

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
shale	655	685						
coal	685	688						
shale	686	721						
coal	721	722						
shale	722	729						
sand	729	732						
coal	732	734						
shale	734	762						
sand	782	800						
sand/shale	800	802						
sand	802	840						
coal	840	841						
shale	841	849						
sand	841	849						
sand	849	898						
shale	898	904						
coal	904	908						
shale	908	922						
lime	922	1040						

781' added water, 794' odor, 849-904' oil

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CONSERVATION DIVISION
 WICHT

POSTROCK



Current Completion

WELL : Greve, Glen D 12-1
FIELD : Cherokee Basin
STATE : Kansas
COUNTY : Neosho

SPUD DATE : 5/7/2007
COMP. Date : 5/10/2007
API: 15-133-26822-00-00

LOCATION: 12-27S-19E (NE,NW)
ELEVATION: 991'

8 5/8" 22 lb @ 21.5' Cement w/ 5 sks

2 3/8" tubing @ 929'

4.5" 10.5 lb @ 1025' Cement w/130 sks

PBTD @ 1025'

Drilled Depth @ 1038'

Wellhead/Surface Equipment

Tree Connection	
Tree	
Tubing Head	
Bradenhead	
Pumping Unit	
Compressor	

Tubular Detail

Size	Weight	Grade	Cap(bb/ft)	Date	Depth
8 5/8"	22 lb			2007	21.5'
4 1/2"	10.5 lb		.0159	2007	1025'
2 3/8"				2007	929'

Downhole Equipment Detail

Completion Data

Original as GAS Well per ACO-1
900 gals 15% HCL
1,378 bbls water
17,200 lbs 20/40 sand

Perforations

Original Completion: 4 spf
494-498 Summit (17)
504-508 Mulky (17)
581-582 Bevier (5)
603-606 Croweburg (13)
634-636 Fleming (9)
733-735 Weir (9)
902-905 Riverton (13)

PREPARED BY: POSTROCK
APPROVED BY: _____

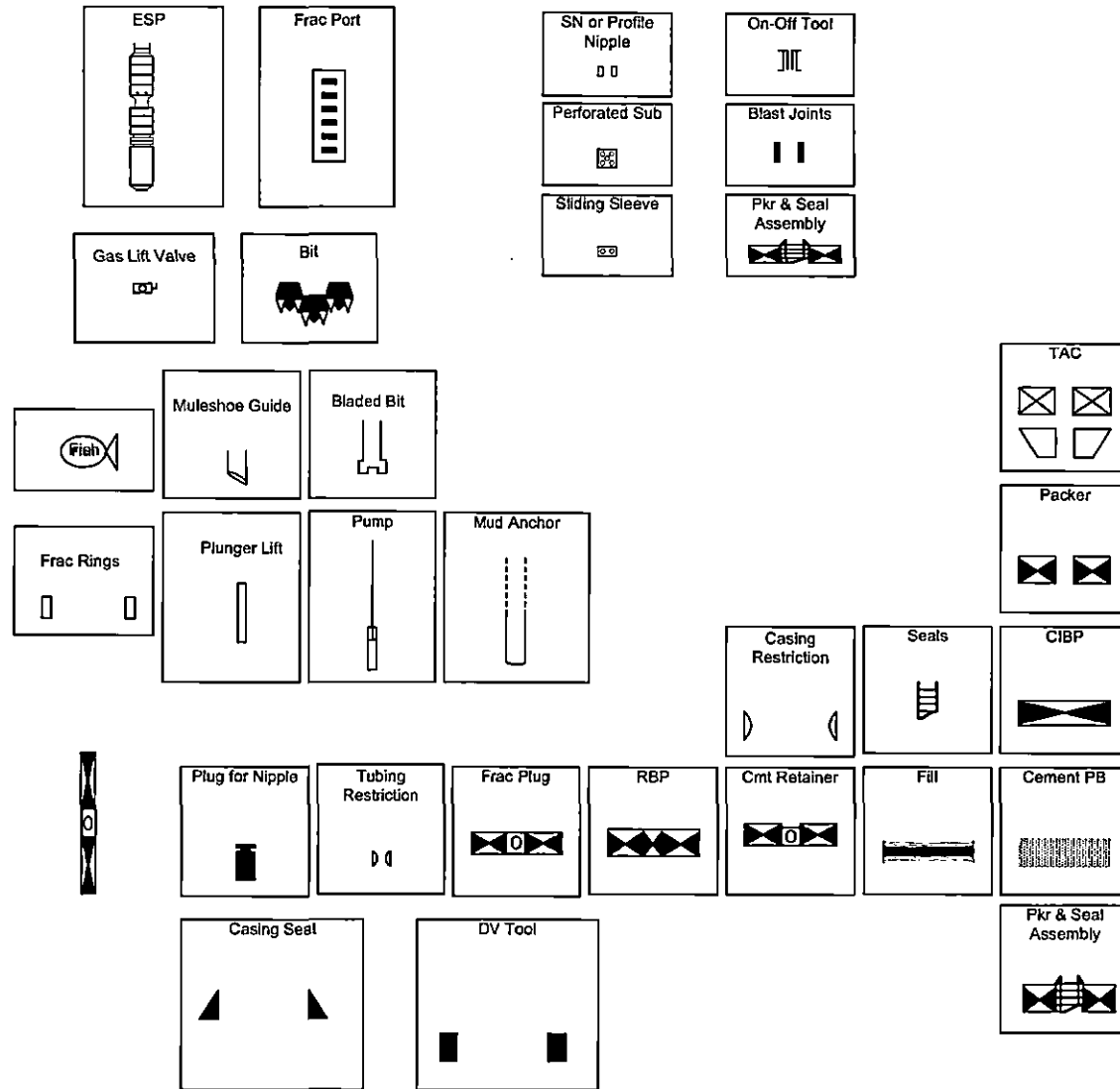
DATE: Oct, 2012
DATE: _____

POSTROCK



LEGEND

PostRock®



Affidavit of Notice Served

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

Well Name: GREVE, GLEN D 12-1 Legal Location: NWSEENW S12-T27S-R19E

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 26th 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)

SEE ATTACHED

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.

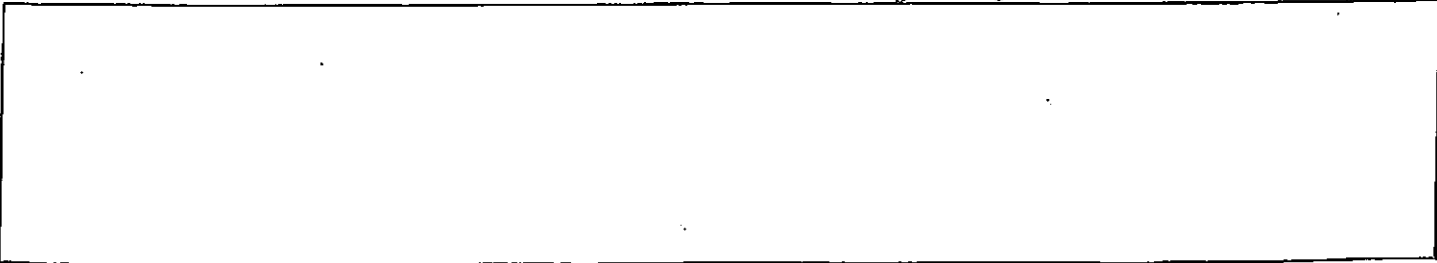
Signed this 26th day of OCTOBER, 2012

[Signature]
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 26th day of OCTOBER, 2012



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



GREVE, GLEN D 12-1

1-27S-19E

E2SW Verdon W & Judy E. Parham
14370 240th Rd
Erie, KS 66733

W2SW Greg R. Vetter
930 S Highland
Chanute, KS 66720

2-27S-19E

tract in SE/4 Dwight Angleton
620 S. Third St
Humboldt, KS 66748

11-27S-19E

NE/4 Darilyn Galemore Trust
PO Box C
Chanute, KS 66720

12-27S-19E

NE/4 Herman O & Ruth Buller Trust
%Royce Buller
4100 Ne Cadbury Ave
Bentonville, AR 72712

N2SE Richard L Winder
21955 Ottawa Rd
Erie, KS 66733

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Bentonville, AR 72712

N2SE Richard L Winder
21955 Ottawa Rd
Erie, KS 66733

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 27th 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

29th day of October, 2012



Penny L. Case
Notary Public Sedgwick County, Kansas

Printer's Fee : **\$139.60**

LEGAL PUBLICATION
Published in The Wichita Eagle
October 27, 2012 (3214833)
BEFORE THE STATE CORPORATION COMMISSION
OF THE STATE OF KANSAS
NOTICE OF FILING APPLICATION
RE: In the Matter of Pastrock Midcontinent
Production, LLC Application for
Commencement of Production in the Greve,
Glen D 12-1, 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 Pastrock Midcontinent
Production, LLC has filed an application
to commence the Summit, Mulky, Beyer,
Crowburn, Fleming, Weir, Riverton and
Bartlesville producing formations of the
Greve, Glen D 12-1, located in the NW SE
NE NW, S12-T27S-R19E, Approximately
674 FNL & 2049 FWL, 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 deplete 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.
Pastrock Midcontinent Production, LLC
210 Park Avenue, Suite 2750
Oklahoma City, Oklahoma 73102
(405) 660-7704

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, Glen D 12-1 located in Neosho County, Kansas.

TO: All Oil & Gas Producers, Un-leased 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, Bever, Crowe-burg, Fleming, Welr, Riverton and Bartlesville** producing forma-tions at the Greve, Glen D 12-1, located in the NW SE NE NW, S12-T27S-R19E, Approximately 674 FNL & 2049 FWL, Neosho County, Kansas.

Any persons who object to or pro- test this application shall be re- quired to file their objections or protest with the Conservation Divi- sion of the State Corporation Commission of the State of Kan- sas 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 grant- ing the application may cause waste, violate correlative rights or pollute the natural resources of the State of Kansas.

All persons interested or con- cerned shall take notice of the foregoing and shall govern them- selves accordingly. All person and/or companies wishing to pro- test this application are required to file a written protest with the Con- servation Division of the Kansas Oil and Gas Commission.

Upon the receipt of any protest, the Commission will convene a hearing and protestants will be ex- pected to enter an appearance ei- ther 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 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 unin- terruptedly 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 Chanutte, 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 newspa- per for 1 consecutive time, the first publication thereof being made as aforesaid on the 20 day of October 2012, with subsequent publications being made on the fol- lowing dates:

_____, 2012 _____, 2012
_____, 2012 _____, 2012

Rhonda Howerter

Subscribed and sworn to and before me this 20 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

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

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 13, 2012

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

RE: Approved Commingling CO111201
Greve, Glen D. 12-1, Sec. 12-T27S-R19E, Neosho County
API No. 15-133-26822-00-00

Dear Mr. Edwards:

Your Application for Commingling (ACO-4) for the above described well, received by the KCC on November 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).

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

Commingling ID number CO111201 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