



KANSAS CORPORATION COMMISSION 1084873
OIL & GAS CONSERVATION DIVISION

Form ACO-4
Form must be typed
March 2009

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

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: _____

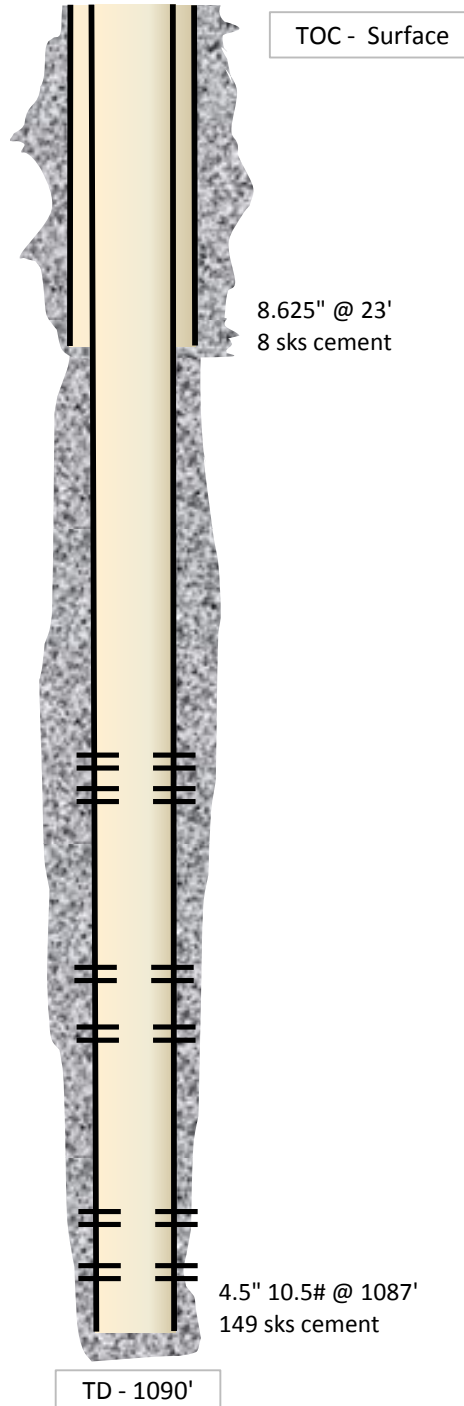
Protests may be filed by any party having a valid interest in the application. Protests must be in writing and comply with K.A.R. 82-3-135b and must be filed within 15 days of publication of the notice of application.

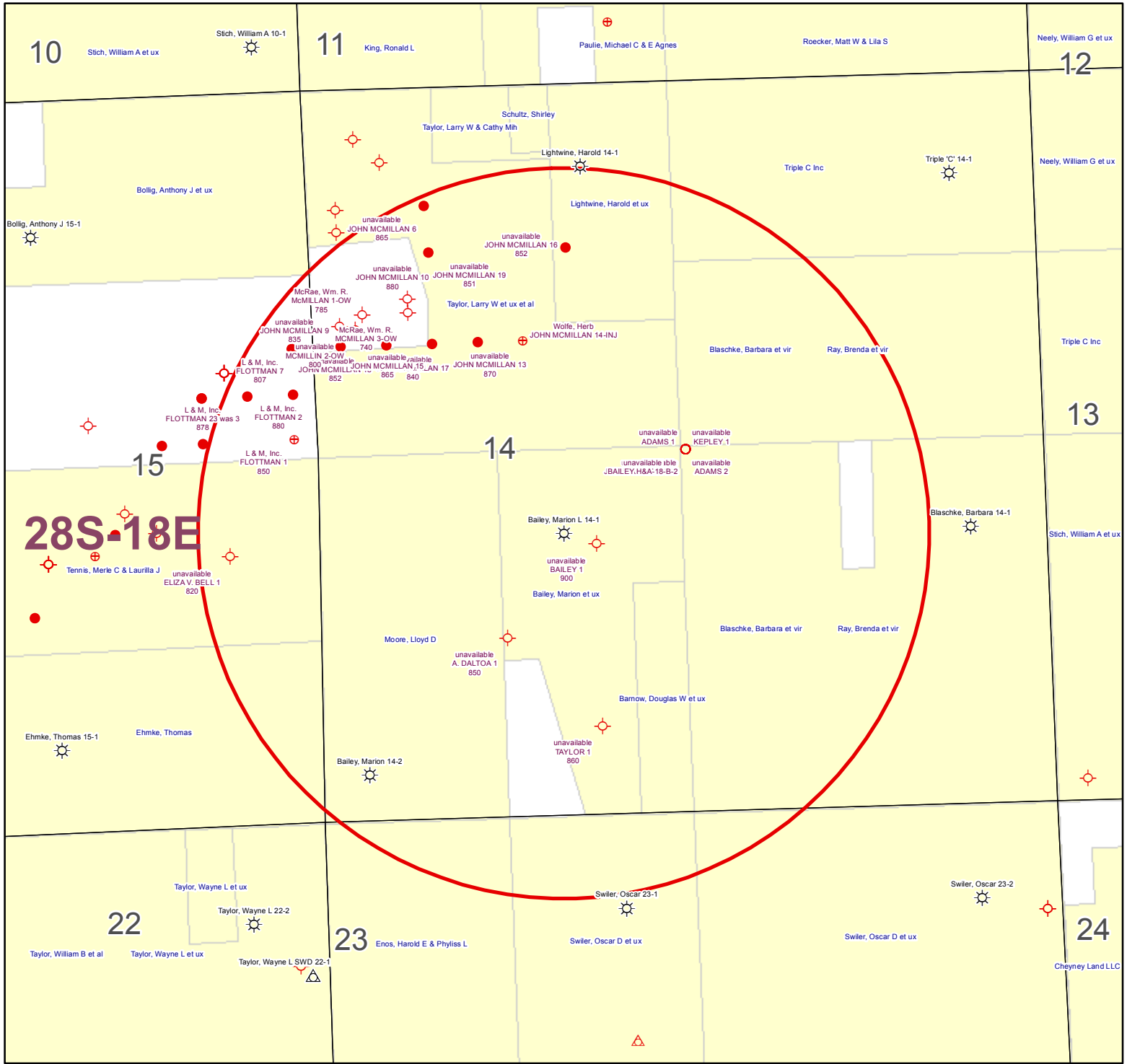


Wellbore Schematic

WELL: Bailey, Marion L 14-1
SSI: 609220
API: 15-133-26392
LOCATION: NE SW Sec. 14 28S-18E
COUNTY: Neosho
STATE: Kansas

| | |
|--------------|---|
| Casing | 8.625" @ 23' 4.5" 10.5# J-55, 4.05" ID w/ 0.0159 bbl/ft capacity @ 1087' |
| Perforations | Original Perfs: 2/28/06 - Riverton 981-985' (16) - Rowe 915-917' (8) - Fleming 709-711' (8) - Croweburg 672-675' (12) - Mulky 570-574' (17) - Summit 559-563' (17) |
| Completions | Spud Date: 2/17/06 RV Completion: 2/28/06 - 400 gals HCl - 8,200# 20/40 - 446 bbls fluid - 16.5 BPM CF Completion: 2/28/06 - 300 gals HCl - 6,300# 20/40 - 355 bbls fluid - 16.6 BPM SM Completion: 2/28/06 - 400 gals HCl - 11,200# 20/40 - 531 bbls fluid - 16.5 BPM |





KGS STATUS

- ◊ DA/PA
- ⊕ EOR
- ☀ GAS
- △ INJ/SWD
- OIL
- ☀ OIL/GAS
- OTHER

Bailey, Marion L 14-1
14-28S-18E
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 | <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 | | | | Click |
| 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 | 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 _i 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 ₂ +Alk, 1-pH+Alk, 2-CO ₂ +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 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 ₂ S Gas | (%) | | | | | | | | | | |
| 54 | Total H ₂ Saq (STP) | (mgH ₂ S/l) | | | | | | | | | | |
| 55 | pH Calculated | (pH) | | | | | | | | | | |
| 56 | PCO ₂ Calculated | (%) | | | | | | | | | | |
| 57 | Alkalinity Cacluated | (mg/l) as HCO ₃ | | | | | | | | | | |
| 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 | bb(42 US gal) | 629 | | | |
| 66 | If you select Mixed, | | | 5 | PPCA | MPa | 1,000 | psia | 145,074 | | | |
| 67 | 1 st inhibitor # is: | 1 | # | 6 | SPA | Bar | 496 | psia | 7,194 | | | |
| 68 | % of 1 st inhibitor is: | 50 | % | 7 | HEDP | Torr | 10,000 | psia | 193 | | | |
| 69 | 2 nd 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 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 |

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33344
Name: Quest Cherokee, LLC
Address: 211 W. 14th Street
City/State/Zip: Chanute, KS 66720
Purchaser: Bluestem Pipeline, LLC
Operator Contact Person: Gary Laswell
Phone: (620) 431-9500
Contractor: Name: Blue Ribbon Drilling LLC
License: 33081
Wellsite Geologist: Ken Recoy

RECEIVED
KANSAS CORPORATION COMMISSION
JUN 19 2006
CONSERVATION DIVISION
WICHITA, KS

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. _____

| | | |
|-----------------------------------|-----------------|---|
| <u>2/17/06</u> | <u>2/20/06</u> | <u>2/24/06</u> |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 133-26392-00-00
County: Neosho
150th W 9th S Sec. 14 Twp. 28 S. R. 18 East West
1980 feet from (S) N (circle one) Line of Section
1830 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Bailey, Marion L. Well #: 14-1
Field Name: Cherokee Basin CBM
Producing Formation: Multiple
Elevation: Ground: 955 Kelly Bushing: n/a
Total Depth: 1090 Plug Back Total Depth: 1085.55
Amount of Surface Pipe Set and Cemented at 23 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1085.55
feet depth to surface w/ 139 _____ sx cmt.
ACT II WITHM 6-20-06

Drilling Fluid Management Plan
(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: [Signature]
Title: Head of Operations Date: 6/15/06
Subscribed and sworn to before me this 15th day of June,
20 06.
Notary Public: Jennifer R. Ammann
Date Commission Expires: July 30, 2009

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

JENNIFER R. AMMANN
Notary Public - State of Kansas
My Appt. Expires 7-30-09

Operator Name: Quest Cherokee, LLC Lease Name: Bailey, Marion L. Well #: 14-1
 Sec. 14 Twp. 28 S. R. 18 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 <i>(Attach Additional Sheets)</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Name | Top Datum |
| Cores Taken | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | See Attached | |
| Electric Log Run <i>(Submit Copy)</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | |

List All E. Logs Run:

Comp. Density/Neutron Log
 Dual Induction Log
 Gamma Ray Neutron Log

| 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" | 20# | 23 | "A" | 8 | |
| Production | 6-3/4" | 4-1/2" | 10.5# | 1085.55 | "A" | 139 | |

| 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 <i>(Amount and Kind of Material Used)</i> | |
|----------------|---|--|-----------------|
| | | | Depth |
| 4 | 981-985/915-917/709-711/672-675/570-574/559-563 | 400gal 15% HCL w/ 22 bbls 2% kcl water, 448bbls water w/ 2% KCL, Biocide 6200# 20/40 sand | 981-985/915-917 |
| | | 300gal 15% HCL w/ 32 bbls 2% kcl water, 355bbls water w/ 2% KCL, Biocide 6300# 20/40 sand | 709-711/672-675 |
| | | 400gal 15% HCL w/ 36 bbls 2% kcl water, 531bbls water w/ 2% KCL, Biocide 11200# 20/40 sand | 570-574/559-563 |

| | | | | | | |
|--|-----------|---------|---|---------------|-----------|---|
| TUBING RECORD | | Size | Set At | Packer At | Liner Run | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| | | 2-3/8" | 994 | n/a | | |
| Date of First, Resumerd Production, SWD or Enhr. | | | Producing Method | | | |
| 4/17/06 | | | <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) | | | |
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity | |
| | n/a | 6.4mcf | 16.3bbls | | | |

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

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 18th of

June A.D. 2012, with

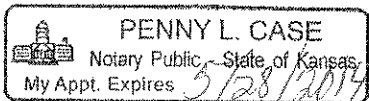
subsequent publications being made on the following dates:

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

Mark Fletchall

Subscribed and sworn to before me this

18th day of June, 2012



Penny L Case
Notary Public Sedgwick County, Kansas

Printer's Fee : \$132.40

LEGAL PUBLICATIONS

PUBLISHED IN THE WICHITA EAGLE
JUNE 18, 2012 (3191257)
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 **Bailey, Marion L 14-1** 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 **Riverton, Rowe, Fleming, Croweburg, Mulky, Summit, Bartlesville and Stray Sand** producing formations at the **Bailey, Marion L 14-1, located in the SE NW NE SW, S14-T28S-R18E, Approximately 2035 FSL & 1761 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 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

RE: In the Matter of **Postrock Midcontinent Production, LLC** Application for Commingling of Production in the **Bailey, Marion L 14-1** 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 **Riverton, Rowe, Fleming, Croweburg, Mulky, Summit, Bartlesville and Stray Sand** producing formations at the **Bailey, Marlon L 14-1**, located in the **SE NW NE SW, S14-T28S-R18E, Approximately 2035 FSL & 1761 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 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

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 16 day of June 2012, with subsequent publications being made on the following dates:

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

Rhonda Howerter

Subscribed and sworn to and before me this 19 day of June, 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

Affidavit of Notice Served

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

Well Name: BAILEY, MARION L 14-1 Legal Location: SEWNESW S14-T28S-R18E

The undersigned hereby certifies 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.

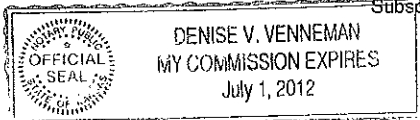
| Name | Address (Attach additional sheets if necessary) |
|--|---|
| L & M, INC | 1606 PAUL ST, APT A, PARKERSBURG, WV 26101 |
| WM R MCRAE | 12433 N 71ST ST, SCOTTSDALE, AZ 85254 |
| HERB WOLFE | 1419 SOUTH EDITH, CHANUTE, KS 66720 |
| ANTHONY J BOLLIG IRREVOCABLE TRUST, NANCY BOLLIG, BARBARA BOLLIG & PHILLIP JARED CO-TRUSTEES | 4805 140TH ROAD, CHANUTE, KS 66720 |
| BETTY J MCNAUGHT | 16780 GRAY RD, CHANUTE, KS 66720 |
| BRADFORD R MINER & SHELMARIE MINER | 7320 160TH RD, CHANUTE, KS 66720 |
| RONALD E SPIRE & JOYCE SPIRE | 7340 160TH RD, CHANUTE, KS 66720 |
| JAMES & WILMA WESTHOFF | 13450 GRAY RD, CHANUTE, KS 66720 |

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

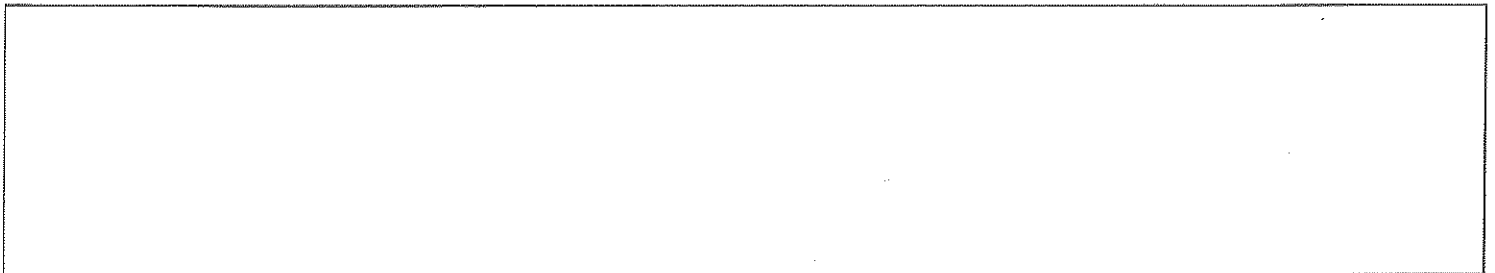
[Signature]
Applicant or Duly Authorized Agent

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



[Signature]
Notary Public

My Commission Expires: 7-1-12



BAILEY, MARION L 14-1 - APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS

[]

[]

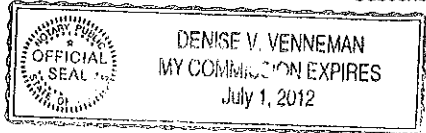
Offset Operators, Unleased Mineral Owners and Landowners acreage
 (Attach additional sheets if necessary)

| Name: | Legal Description of Leasehold: |
|--------------|---------------------------------|
| SEE ATTACHED | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

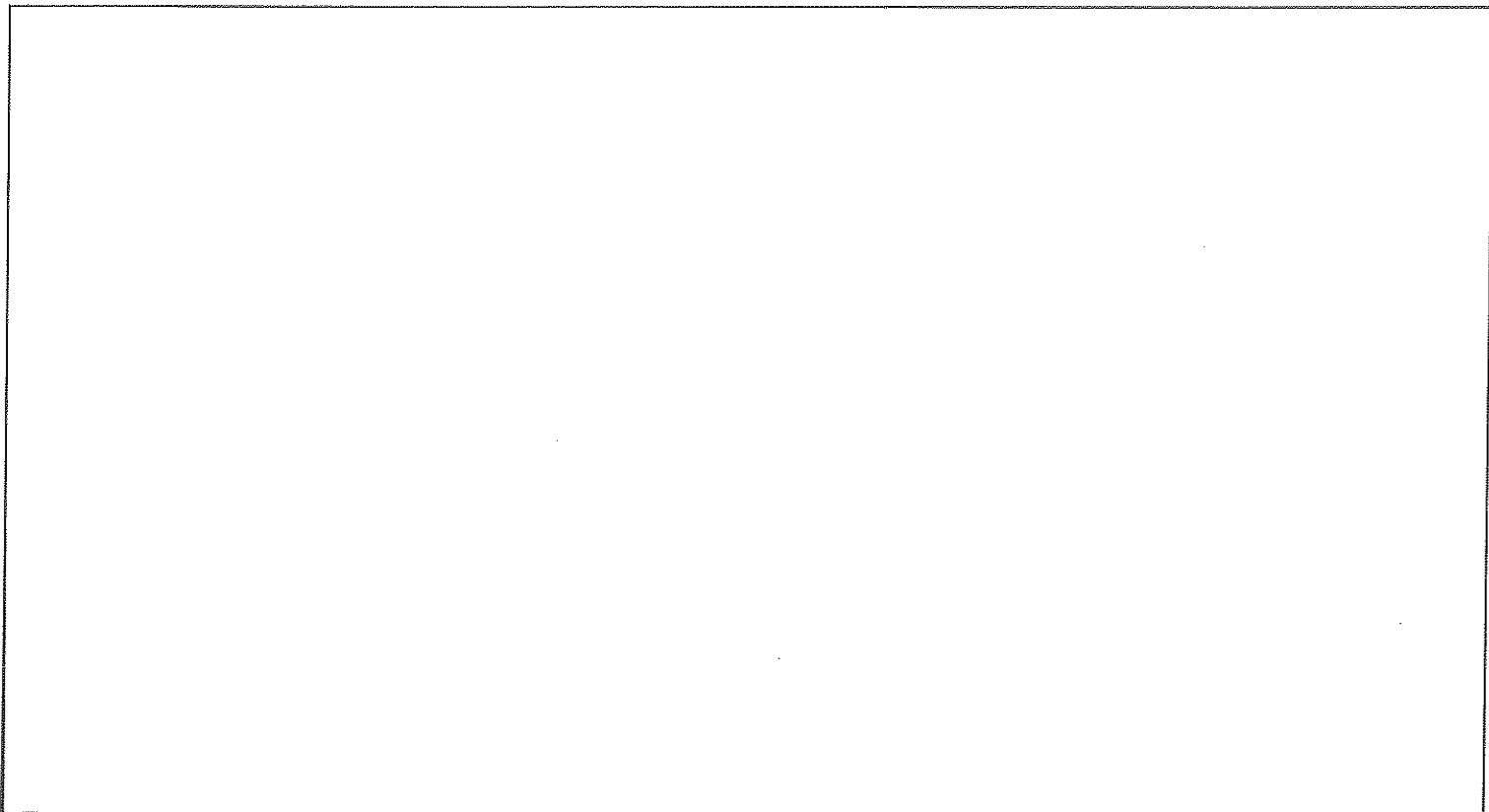
I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Jamie B D 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



BAILY, MARION L 14-1

OFFSET OPERATORS, UNLEASED MINERAL OWNERS AND LANDOWNERS ACREAGE

| SPOT | LEGAL LOCATION | CURR_OPERA |
|-------------|-----------------------|-------------------|
| SE NE SE NE | S15-T28S-R18E | L & M, Inc. |
| SE NE | S15-T28S-R18E | L & M, Inc. |
| NW SE SE NE | S15-T28S-R18E | L & M, Inc. |
| NE SE SE NE | S15-T28S-R18E | L & M, Inc. |
| N2 NW SW NW | S14-T28S-R18E | McRae, Wm. R. |
| N2 N2 SW NW | S14-T28S-R18E | McRae, Wm. R. |
| NW | S14-T28S-R18E | Wolfe, Herb |

QTR S T R Title Notes

| | | | | | |
|--|----|---------|----------------|---|---|
| SZNE | 15 | 28S 18E | TO dtd 12.6.06 | Anthony J Bollig Irrevocable Trust Nancy Bollig, Barbara Bollig, & Philip Jared Co-Trustees 4805 140th Road Chanute, KS 66720 | TO states Anthony as owner but we rec'd a death certificate for him in 2011 - Co-Trustees own now |
| | | | | deed shows testamentary trust address updated 6.20.12 | |
| M & B desc. in W/2 of NW4 (14.14 acres) | 14 | 28S 18E | TO dtd 4.11.06 | Clifford McLaughlin and Betty J McNaught 16780 Gray Rd Chanute, KS 66720 | Death Cert. on file for Clifford address updated 6.20.12 |
| M & B description in E2SW | 14 | 28S 18E | TO dtd 1.09.06 | Miner Bradford R Miner and Shelmie 7320 160th Rd Chanute, KS 66720 | address updated 6.20.12 address updated 6.20.12 |
| M & B description in E2SW | 14 | 28S 18E | TO dtd 1.09.06 | Ronald E Spire and Joyce Spire 7340 160th Rd Chanute, KS 66720 | address updated 6.20.12 |
| *M & B description in SE (5.67 acres) | 14 | 28S 18E | TO dtd 1.18.06 | James & Wilma Westhoff 13430 Gray Rd Chanute, KS 66720 | address updated 6.20.12 |

* Beginning at the NE Corner of the SE4, Section 14, thence West 1520 feet, then South 895 feet, thence East 225 feet, thence North 861 feet, thence East 1295 feet to East line of said SE4, thence North 35 feet to POB

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

Sam Brownback, Governor

July 16, 2012

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

RE: Approved Commingling CO071215
Bailey Marion L 14-1, Sec.14-T28S-R18E, Neosho County
API No. 15-133-26392-00-00

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

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

Commingling ID number CO071215 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