



KANSAS CORPORATION COMMISSION 1089879
OIL & GAS CONSERVATION DIVISION

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 #* **CO091203**

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 - 15-205-26627-00-00
Spot Description: _____
SE NW NE SW Sec. 19 Twp. 28 S. R. 17 East West
2013 Feet from North / South Line of Section
1681 Feet from East / West Line of Section
County: Wilson
Lease Name: STREETS REV TRUST Well #: 19-1

1. Name and upper and lower limit of each production interval to be commingled:
- | | |
|-----------------------------|-------------------------|
| Formation: <u>SUMMIT</u> | (Perfs): <u>636-640</u> |
| Formation: <u>MULKY</u> | (Perfs): <u>649-653</u> |
| Formation: <u>BEVIER</u> | (Perfs): <u>725-727</u> |
| Formation: <u>CROWEBURG</u> | (Perfs): <u>739-742</u> |
| Formation: <u>FLEMING</u> | (Perfs): <u>777-779</u> |

2. Estimated amount of fluid production to be commingled from each interval:
- | | | | |
|-----------------------------|----------------|-------------------|----------------|
| Formation: <u>SUMMIT</u> | BOPD: <u>0</u> | MCFPD: <u>5.5</u> | BWPD: <u>5</u> |
| Formation: <u>MULKY</u> | BOPD: <u>0</u> | MCFPD: <u>5.5</u> | BWPD: <u>5</u> |
| Formation: <u>BEVIER</u> | BOPD: <u>0</u> | MCFPD: <u>5.5</u> | BWPD: <u>5</u> |
| Formation: <u>CROWEBURG</u> | BOPD: <u>0</u> | MCFPD: <u>5.5</u> | BWPD: <u>5</u> |
| Formation: <u>FLEMING</u> | BOPD: <u>0</u> | MCFPD: <u>5.5</u> | BWPD: <u>5</u> |

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:

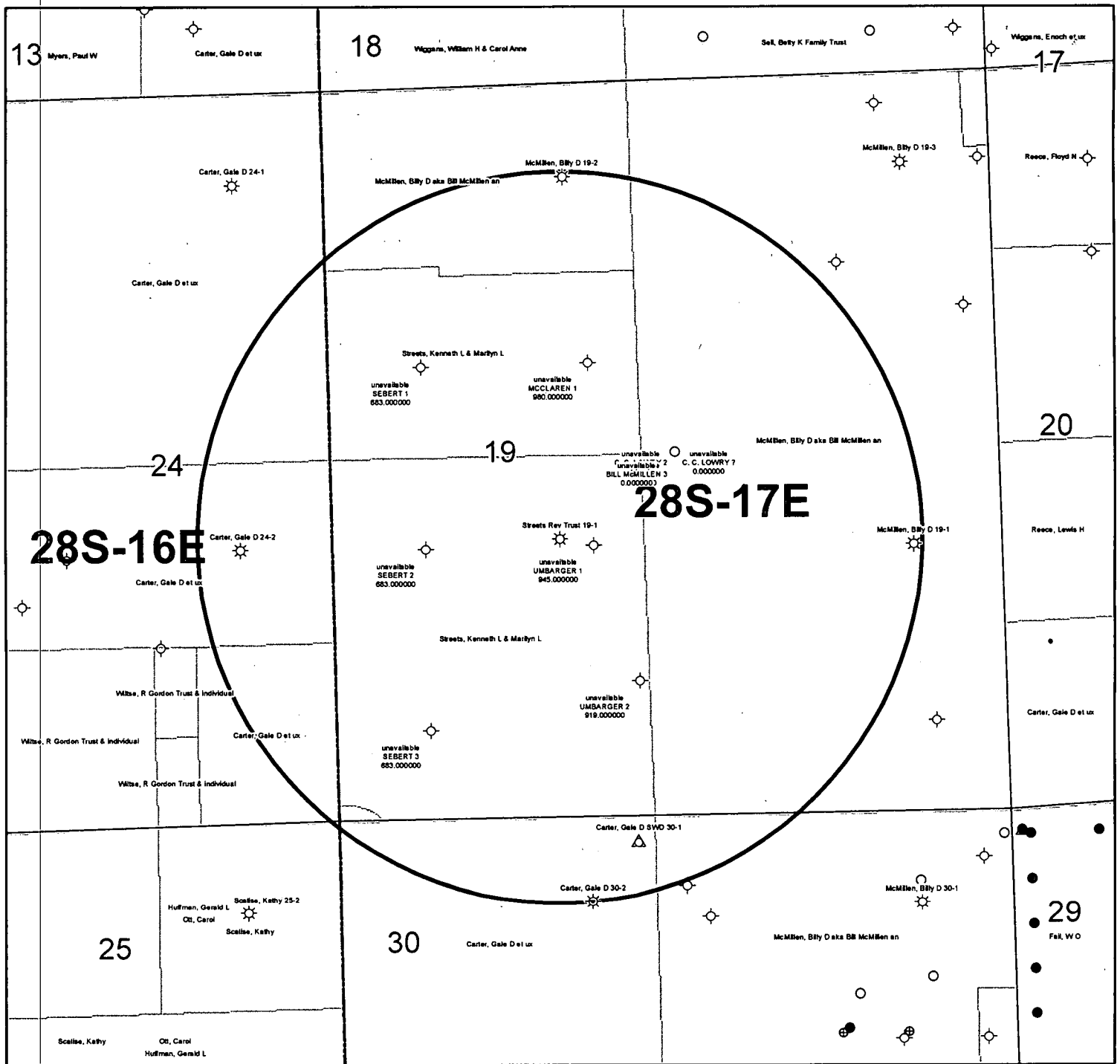
7. Well construction diagram of subject well.
8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

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>9/25/2012</u> | |
| Approved By: <u>Rick Hestermann</u> | Date: <u>09/25/2012</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 |

Streets Rev Trust 19-1
 19-28S-17E
 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 | | Click |
| 2 | Parameters | Units | Input | Input | Input | Input | Input | | | | |
| 3 | Select the brines | Select fluid | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Mixed brine: | | | |
| 4 | Sample ID | by checking | | | | | | Cell H28 is | Goal Seek SSP | | Click |
| 5 | Date | the box(es), | 3/19/2012 | 3/4/2012 | 3/14/2012 | 1/20/2012 | 1/20/2012 | STP calc. pH. | | | |
| 6 | Operator | Row 3 | PostRock | PostRock | PostRock | PostRock | PostRock | Cells H35-38 | | | |
| 7 | Well Name | | Ward Feed | Ward Feed | Clinesmith | Clinesmith | Clinesmith | are used in | Goal Seek SSP | | 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 | 25,689.00 | 24,220.00 | 24,654.20 | Initial(BH) | Final(WH) | SUSR (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 | 1,920.00 | 1,948.00 | 2,040.23 | -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 | 45,632.00 | 43,147.00 | 44,388.44 | -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) | | |
| | | 0-CO ₂ %+Alk. | | | | | | | Calcite | NTMP | |
| 35 | Choose one option to calculate SI? | 1-pH+Alk. 2-CO ₂ %+pH | 0 | 0 | 0 | 0 | 0 | | | | |
| 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/°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 Calculated | (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 ScaleSoft/Ptizer | | | 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
Chanute, KS 66720
Purchaser: Bluestem Pipeline, LLC
Operator Contact Person: Jennifer R. Ammann
Phone: (620) 431-9500
Contractor: Name: MOKAT
License: 5831

Wellsite Geologist: Ken Recoy
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. _____

| 6/10/06 | 6/13/06 | 6/20/06 |
|-----------------------------------|-----------------|---|
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 205-26627-60-00
County: Wilson
_____ - ne - sw Sec. 19 Twp. 28 S. R. 17 East West
1980 feet from (S) N (circle one) Line of Section
1810 feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Streets Rev. Trust Well #: 19-1
Field Name: Cherokee Basin CBM
Producing Formation: Multiple
Elevation: Ground: 895 Kelly Bushing: n/a
Total Depth: 1138 Plug Back Total Depth: 1132.02
Amount of Surface Pipe Set and Cemented at 22' 5" Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1132.02
feet depth to surface w/ 134 ^{sq cm.}

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.: _____

Alt 2 - Plg - 12/4/08

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: 10/9/06

Subscribed and sworn to before me this 9th day of October,
20 06.

Notary Public: Debra 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
OCT 10 2006
CONSERVATION DIVISION
WICHITA, KS

J

Operator Name: Quest Cherokee, LLC Lease Name: Streets Rev. Trust Well #: 19-1
 Sec. 19 Twp. 28 S. R. 17 East West County: Wilson

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:

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 See attached

Gamma Ray Neutron Log
 Dual Induction Log
 Compensated Density/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 | 22' 5" | "A" | 4 | |
| Production | 6-3/4 | 4-1/2 | 10.5# | 1132.02 | "A" | 134 | |

| 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 | 861-863/845-847/777-779/795-797/739-742/725-727 | 400gal 15% HCL w/ 25 bbls 2% acid water, 800bbls water w/ 2% KCL, 800bbls 20000# 20/40 sand | 861-863/845-847 777-779/795-797 739-742/725-727 |
| 4 | 649-653/636-640 | 300gal 15% HCL w/ 25 bbls 2% acid water, 600bbls water w/ 2% KCL, 600bbls 13000# 20/40 sand | 649-653/636-640 |

| TUBING RECORD | Size | Set At | Packer At | liner Run |
|---------------|--------|--------|-----------|---|
| | 2-3/8" | 1124.5 | n/a | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

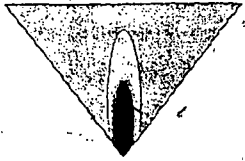
Date of First, Resumed Production, SWD or Enhr. 7/27/06 Producing Method Flowing Pumping Gas Lift Other (Explain)

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| | n/a | 19.4mcf | 59bbls | | |

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)
 METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled
 Other (Specify)

QUEST

Resource Corporation



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

TICKET NUMBER **1584**

FIELD TICKET REF # _____

FOREMAN [Signature]

TREATMENT REPORT & FIELD TICKET CEMENT

| DATE | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
|---------------|-------------------------|---------|----------|-------|--------|
| June 20, 2006 | Streets Riv. Tract 19.1 | 19 | 28 | 17 | Wilson |

| FOREMAN / OPERATOR | TIME IN | TIME OUT | LESS LUNCH | TRUCK # | TRAILER # | TRUCK HOURS | EMPLOYEE SIGNATURE |
|--------------------|---------|----------|------------|---------|-----------|-------------|--------------------|
| Prang P. | 6:45 | 10:15 | NO | 903427 | | 3.50 | [Signature] |
| [Signature] | 6:30 | | | 903197 | | 3.75 | [Signature] |
| W. Davis | 7:00 | | | 903206 | | 3.25 | [Signature] |
| Joe P. | 7:00 | | | 903139 | 732452 | 3.25 | [Signature] |
| Dean H. | 7:00 | | | 903105 | | 3.25 | [Signature] |
| [Signature] | 6:30 | | | Extra | | 3.75 | [Signature] |

JOB TYPE log cleaning HOLE SIZE 6 3/4 HOLE DEPTH 1138 CASING SIZE & WEIGHT 4 1/2 x 10.5
 CASING DEPTH 1132.02 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 11.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 19.05 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4.0 bph

REMARKS:

Ran 2 sacks of prem gel and swept to surface. Installed cement head, pumped 1 sack of gel, 12 barrels dye and 3 sacks of cement to get dye to surface. Flushed pump, pumped wiper plug to bottom, set float shoe.

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION OF SERVICES OR PRODUCT | TOTAL AMOUNT |
|--------------|-------------------|---|--------------|
| | 1132.02 | 7 1/2" casing | |
| | 6 | centralizers | |
| 901300 | 1.5 | hr casing tractor | |
| 407253 | 1.5 | hr casing trailer | |
| 703427 | 3.50 | hr Foreman Pickup | |
| 903197 | 3.75 | hr Cement Pump Truck | |
| 903206 | 3.25 | hr Bulk Truck | |
| 1104 | 134 | sr Portland Cement | |
| 1124 | 1 | 50/50 POZ Blend Cement - Supplies 3 1/2 | |
| 1126 | 1 | OWC Blend Cement 4 wiper plug | |
| 1110 | 12 | sr Gilsonite | |
| 1107 | 1 | sr Flo-Seal | |
| 1118 | 3 | sr Premium Gel | |
| 1215A | 1 | sr KCL | |
| 1111B | 3 | sr Sodium Silicate catalyst | |
| 1123 | 7000 gals | City Water | |
| 903139 | 3.25 | hr Transport Truck | |
| 903197 | 3.25 | hr Transport Trailer | |
| 903105 | 3.25 | hr Transport Trailer | |
| | 1 | 4 1/2" float shoe | |

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 10 2006

CONSERVATION DIVISION
WICHITA, KS

Air Drilling
Specialist
Oil and Gas Wells



M.O.K.A.T. DRILLING
Office Phone: (620) 879-5377



P.O. Box 590
Caney, KS 67333

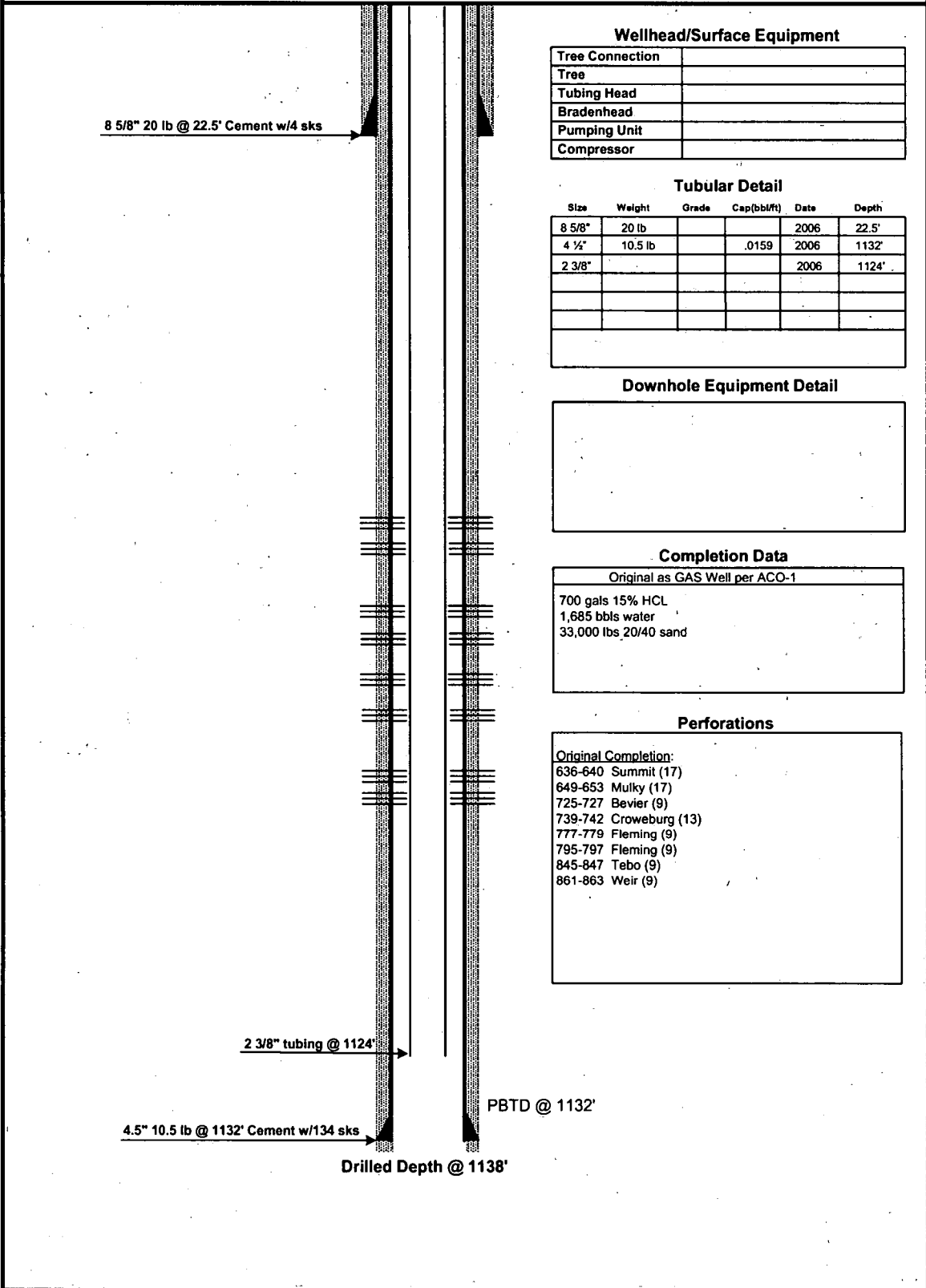
| | | | | | | | | | | | | | | | | | |
|----------|----------------|-------------|---------------|-------|------------|------|--------|-----------|---------------|---------|-------|-------|------|--------------|---------|----------------|---------|
| Operator | QUEST CHEROKEE | Well No. | 19-1 | Lease | STREETS | | | Loc. | 14 | 14 | 14 | Sec. | 19 | Twp. | 28 | Rge. | 17 |
| | | County | WILSON | State | KS | | | Type/Well | | Depth | 1138' | Hours | | Date Started | 6/10/06 | Date Completed | 6/13/06 |
| Job No. | | Casing Used | 22' 5" 8 5/8" | | Bit Record | | | | Coring Record | | | | | | | | |
| Driller | HUNBYCUTT | Cement Used | 4 | | Bit No. | Type | size | From | To | Bit No. | type | Size | From | To | % Rec. | | |
| Driller | | Rlg No. | 2 | | | | 6 3/4" | | | | | | | | | | |
| Driller | | Hammer No. | | | | | | | | | | | | | | | |

Formation Record

| From | To | Formation | From | To | Formation | From | To | Formation | From | To | Formation |
|------|-----|-----------------|------|------|---------------------|------|----|----------------------------------|------|----|-----------|
| 0 | 11 | OVERBURDEN | 578 | 580 | COAL (LEXINGTON) | | | TWO MUCH WATER TO TEST FROM 712' | | | |
| 11 | 18 | LIME | 580 | 601 | SHALE | | | | | | |
| 18 | 38 | SHALE | 586 | | GAS TEST (NO GAS) | | | T.D. 1138' | | | |
| 38 | 60 | SAND (WATER) | 601 | 618 | SAND | | | | | | |
| 60 | 64 | SHALE | 618 | 620 | COAL (OSWEGO) | | | | | | |
| 64 | 108 | LIME | 620 | 638 | LIME | | | | | | |
| 108 | 134 | SAND | 638 | 640 | COAL (SUMMIT) | | | | | | |
| 134 | 150 | SHALE | 640 | 651 | LIME | | | | | | |
| 150 | 257 | LIME | 651 | 653 | COAL (MULKEY) | | | | | | |
| 257 | 288 | SAND (WATER) | 653 | 664 | SHALE | | | | | | |
| 288 | 298 | LIME | 664 | 665 | COAL (STRAY) | | | | | | |
| 298 | 300 | SHALE | 665 | 668 | LIME | | | | | | |
| 300 | 310 | LIME | 668 | 738 | SANDY SHALE (WATER) | | | | | | |
| 0 | 314 | SHALE | 712 | | GAS TEST (10# 1/8") | | | | | | |
| 4 | 342 | LIME | 738 | 739 | COAL (BEVIER) | | | | | | |
| 342 | 351 | SANDY SHALE | 739 | 740 | LIME (VERDIGRIS) | | | | | | |
| 351 | 401 | SHALE | 740 | 774 | SANDY SHALE | | | | | | |
| 401 | 413 | SANDY SHALE | 774 | 775 | COAL (CROWBERG) | | | | | | |
| 413 | 424 | LIME | 775 | 794 | SANDY SHALE | | | | | | |
| 424 | 429 | SAND | 794 | 796 | COAL (FLEMING) | | | | | | |
| 429 | 432 | LIME | 796 | 860 | SANDY SHALE | | | | | | |
| 432 | 437 | SANDY SHALE | 860 | 861 | COAL (TEBO) | | | | | | |
| 437 | 451 | LIME | 861 | 867 | SANDY SHALE | | | | | | |
| 451 | 464 | SANDY SHALE | 867 | 868 | COAL (WEIR) | | | | | | |
| 464 | 465 | COAL | 868 | 901 | SANDY SHALE | | | | | | |
| 465 | 476 | SAND | 901 | 918 | SAND (BARTLESVILLE) | | | | | | |
| 476 | 491 | SHALE | 918 | 940 | SUGAR SAND | | | | | | |
| 491 | 547 | SANDY SHALE | 940 | 1038 | SAND (WATER) | | | | | | |
| 547 | 551 | LIME | 1038 | 1040 | COAL (RIVERTON) | | | | | | |
| 551 | 552 | COAL (MULBERRY) | 1040 | 1057 | SANDY SHALE | | | | | | |
| 552 | 578 | LIME | 1057 | 1138 | LIME (MISSISSIPPI) | | | | | | |

RECEIVED
 KANSAS CORPORATION COMMISSION
 OCT 10 2006
 CONSERVATION DIVISION
 WICHITA, KS

| | |
|--|--|
| WELL : Streets Rev Trust 19-1 FIELD : Cherokee Basin STATE : Kansas COUNTY : Wilson | SPUD DATE : 6/10/2006 COMP. DATE : 6/20/2006 API : 15-205-26627-00-00 |
| LOCATION: 19-28S-17E (NE,SW) ELEVATION: 895' | |



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" | 20 lb | | | 2006 | 22.5' |
| 4 1/2" | 10.5 lb | | .0159 | 2006 | 1132' |
| 2 3/8" | | | | 2006 | 1124' |
| | | | | | |
| | | | | | |
| | | | | | |

Downhole Equipment Detail

| |
|--|
| |
|--|

Completion Data

| |
|--------------------------------|
| Original as GAS Well per ACO-1 |
| 700 gals 15% HCL |
| 1,685 bbls water |
| 33,000 lbs 20/40 sand |

Perforations

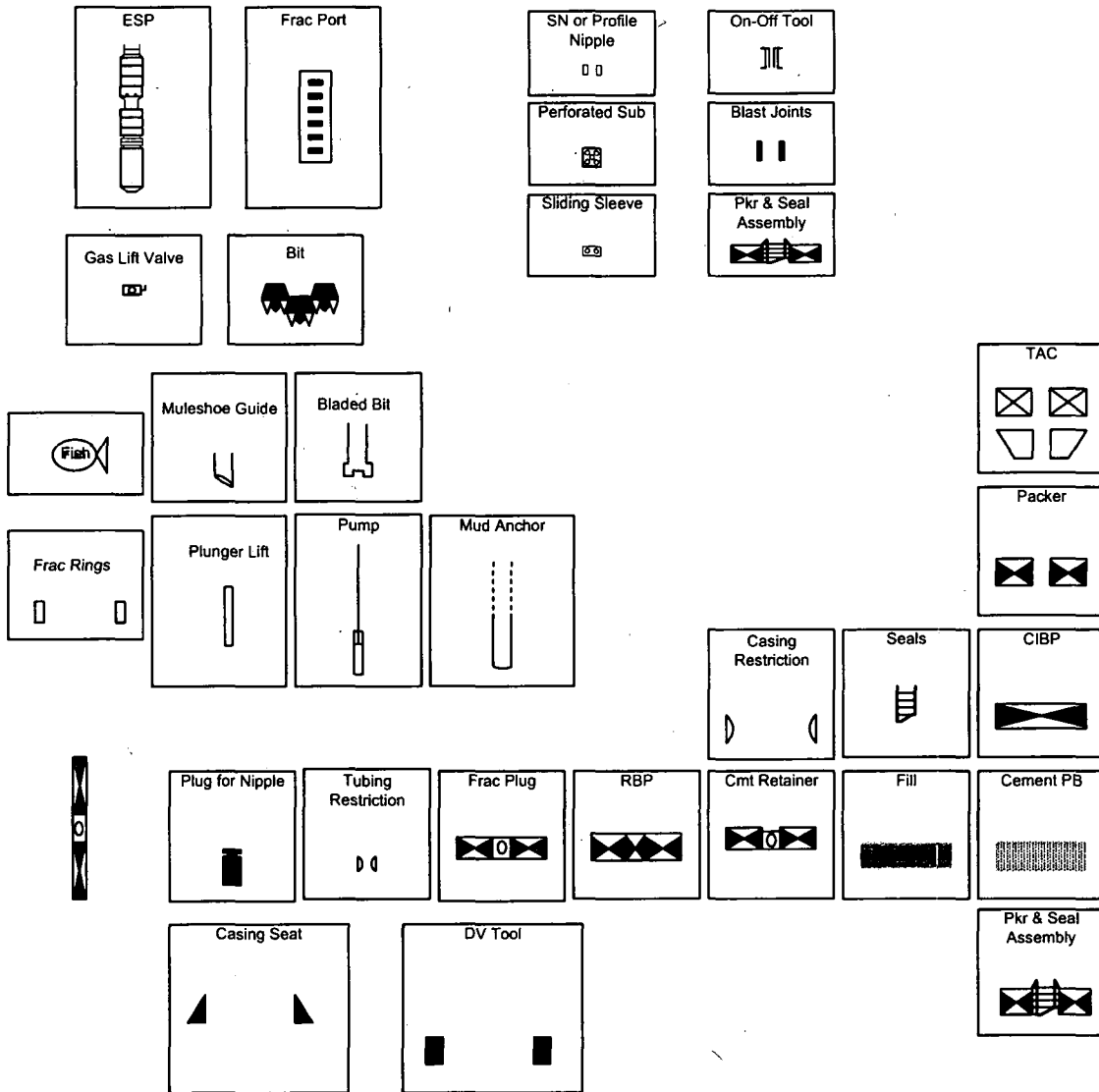
| |
|------------------------|
| Original Completion: |
| 636-640 Summit (17) |
| 649-653 Mulky (17) |
| 725-727 Bevier (9) |
| 739-742 Croweburg (13) |
| 777-779 Fleming (9) |
| 795-797 Fleming (9) |
| 845-847 Tebo (9) |
| 861-863 Weir (9) |

POSTROCK



LEGEND

PostRock



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 17th of

August 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

17th day of August, 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 : \$139.60

LEGAL PUBLICATION
PUBLISHED IN THE WICHITA EAGLE
AUGUST 17, 2012 (3201727)
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
Commencement of Production in the Streets
Rev. Trust 19-1 located in Wilson County,
Kansas.
TO: All Oil & Gas Producers, Unleased Mineral
Interest Owners, Landowners, and all
persons whom ever concerned.
You, and each of you, are hereby notified
that Postrock Midcontinent Production, LLC
has filed an application to commence the
Summit, Mulky, Bavler, Croweburg, Fleming,
Tebu, Weir and Squirrel producing formations
at the Streets Rev. Trust 19-1, located in the
SE1/4NW1/4 Sec. 319, T28S-R17E, Approximately
2013 FSL & 1681 FWL, Wilson 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 persons 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) 640-7704
**A COPY OF THE AFFIDAVIT OF
PUBLICATION MUST ACCOMPANY ALL
APPLICATIONS**

PROOF OF PUBLICATION

STATE OF KANSAS
Wilson County - SS

JOSEPH S. and RITA M. RELPH, of lawful age, being duly sworn upon oath that they are the Owners and Publishers of the WILSON COUNTY CITIZEN:

THAT said newspaper has been published at least weekly fifty (50) times a year and has been so published for at least five years prior to the first publication of the attached notice:

THAT said newspaper is a general circulation on a daily, or weekly, or monthly, or yearly basis in;

WILSON COUNTY, KANSAS and is NOT a trade, religious or fraternal publication and has been PRINTED and PUBLISHED in Wilson County, Kansas.

THE ATTACHED was published on the following dates in a regular issue of said newspaper:

1st publication was made on the 16th day of August 2012

2nd publication was made on the _____ day of _____ 20_____

3rd publication was made on the _____ day of _____ 20_____

4th publication was made on the _____ day of _____ 20_____

5th publication was made on the _____ day of _____ 20_____

6th publication was made on the _____ day of _____ 20_____

TOTAL PUBLICATION FEE: \$ 37.13

(Signed) Joseph S. Relph

Subscribed and sworn to before me, this 17th day of August 2012

Rita M. Relph (Notary Public)

My commission expires Aug. 30, 2014

(Published in the Wilson County Citizen on Thursday, August 16, 2012.)

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 Streets Rev Trust 19-1 located in Wilson 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, Beaver, Crowburg, Fleming, Tebo, Weir and Squirrel producing formations at the Streets Rev Trust 19-1, located in the SE1/4NW1/4 S19-T28S-R17E, approximately 2013 FSL & 1681 FWL, Wilson 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 persons 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 2760
Oklahoma City, Oklahoma 73102
(405) 660-7704
521 cty

pd. 8/23/12 m

STATE NOTARY PUBLIC
Rita M. Relph
NOTARY PUBLIC
State of Kansas
My Commission Expires

Affidavit of Notice Served

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

Well Name: STREETS REV TRUST 19-1 Legal Location: SWNWESW S19-T28S-R17E

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 10th of SEPTEMBER, 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) |
|------------------------------|---|
| SEVENTH DAY ADVENTIST CHURCH | 121 N 14TH ST, FREDONIA, KS 66736 |

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

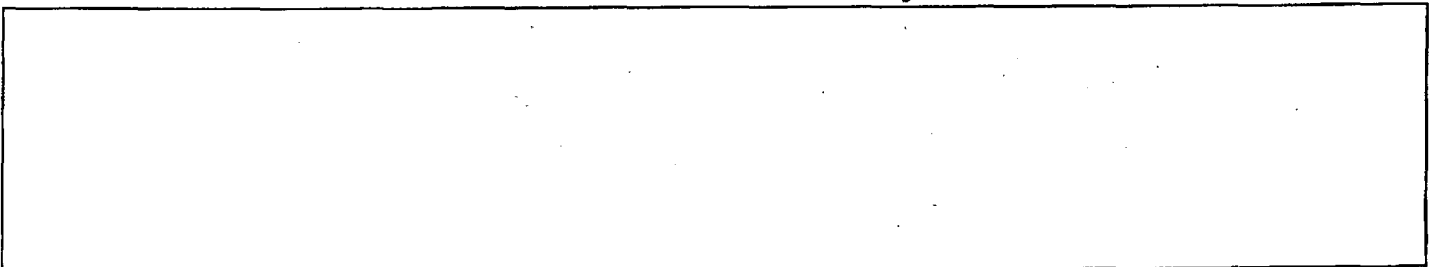
Signed this 10th day of SEPTEMBER, 2012

[Signature]
Applicant or Duty Authorized Agent

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



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



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

September 25, 2012

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

RE: Approved Commingling CO091203
Streets Rev Trust 19-1, Sec. 19-T28S-R17E, Wilson County
API No. 15-205-26627-00-00

Dear Mr. Edwards:

Your Application for Commingling (ACO-4) for the above described well, received by the KCC on September 11, 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 CO091203 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