



KANSAS CORPORATION COMMISSION 1084918
OIL & GAS CONSERVATION DIVISION

Form ACO-4
Form must be typed
March 2009

APPLICATION FOR COMMINGLING OF **Commingling ID # CO071218**
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 - 15-133-26459-00-00
Spot Description: _____
SW NE NE SW Sec. 13 Twp. 28 S. R. 17 East West
2036 Feet from North / South Line of Section
2028 Feet from East / West Line of Section
County: Neosho
Lease Name: KEPLEY FARMS Well #: 13-3

1. Name and upper and lower limit of each production interval to be commingled:
Formation: RIVERTON (Perfs): 1055-1058
Formation: WEIR (Perfs): 880-882
Formation: FLEMING (Perfs): 802-804
Formation: CROWBURG (Perfs): 747-750
Formation: BEVIER (Perfs): 729-731

2. Estimated amount of fluid production to be commingled from each interval:
Formation: RIVERTON BOPD: 0 MCFPD: 3 BWPD: 5.71
Formation: WEIR BOPD: 0 MCFPD: 3 BWPD: 5.71
Formation: FLEMING BOPD: 0 MCFPD: 3 BWPD: 5.71
Formation: CROWBURG BOPD: 0 MCFPD: 3 BWPD: 5.71
Formation: BEVIER BOPD: 0 MCFPD: 3 BWPD: 5.71

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>7/18/2012</u> | |
| Approved By: <u>Rick Hestermann</u> | Date: <u>07/18/2012</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.

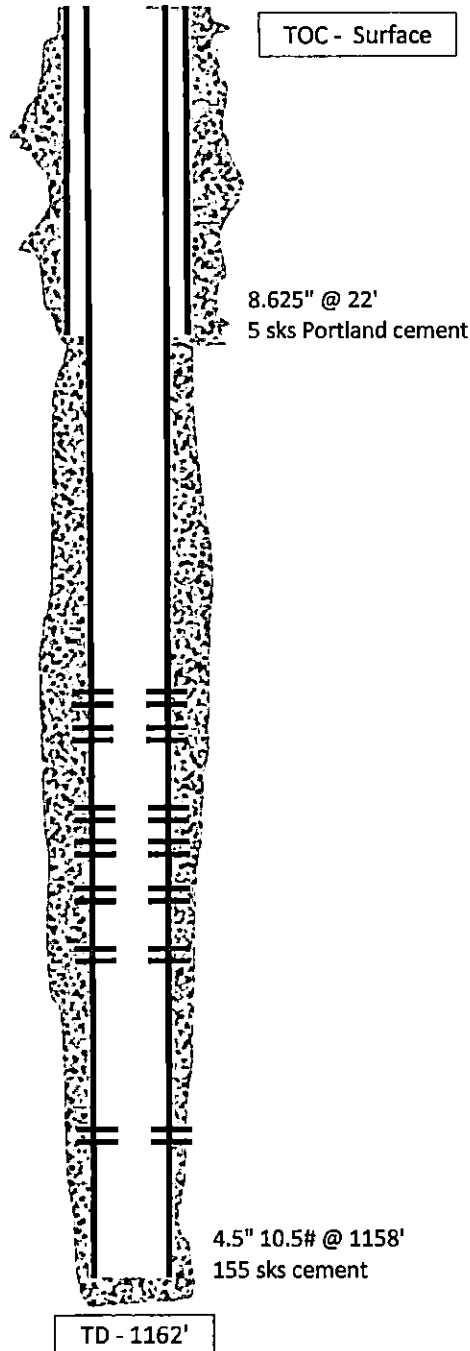


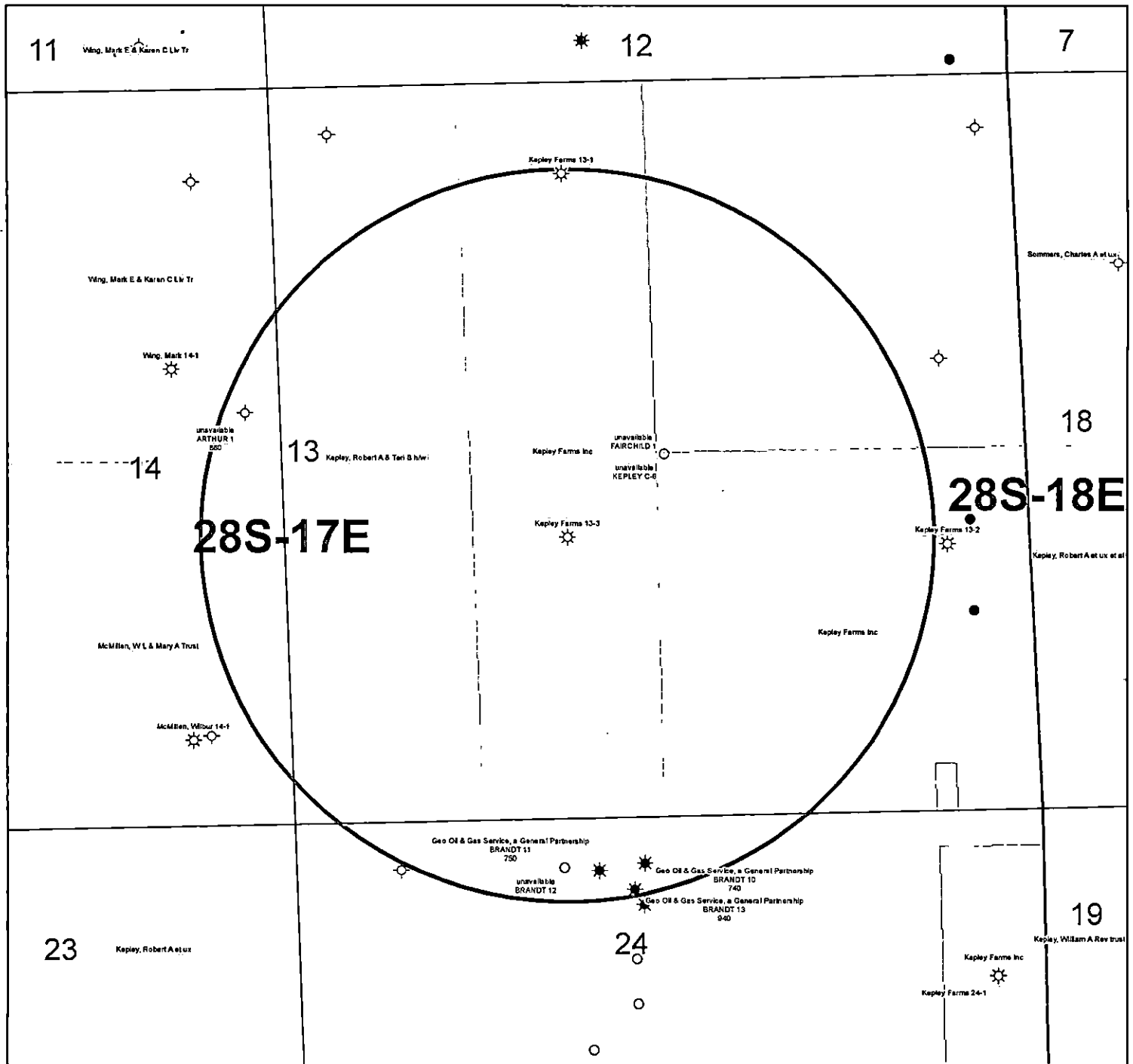
PostRock

Wellbore Schematic

WELL: Kopley Farms 13-3
 SSI: 609890
 API: 15-133-26459
 LOCATION: NE SW Sec. 13 28S-17E
 COUNTY: Neosho
 STATE: Kansas

| | |
|--------------|---|
| Casing | 8.625" @ 22' 4.5" 10.5# J-55, 4.05" ID w/ 0.0159 bbl/ft capacity @ 1158' |
| Perforations | Original Perfs: 2/10/06 - Riverton 1055-1058' (17) - Weir 880-882' (9) - Fleming 802-804' (9) - Croweburg 747-750' (13) - Bevier 729-731' (9) - Mulky 665-669' (9) - Summit 652-656' (17) |
| Completions | Spud Date: 1/27/06 V Completion: 2/10/06 - 400 gals 15% HCl - 12.3 BPM - 4,000# 20/40 - 345 bbls fluid BCFW Completion: 2/11/06 - 550 gals 15% HCl - 16.6 BPM - 13,000# 20/40 - 651 bbls fluid SM Completion: 2/11/06 - 400 gals 15% HCl - 16.5 BPM - 12,100# 20/40 - 515 bbls fluid |





KGS STATUS

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

Kepley Farms 13-3
 13-28S-17E
 1" = 1,000'

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 Kepley Farms 13-3 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, Welr, Fleming, Crowburg, Bavler, Mulky, Summit and Cattleman producing formations at the Kepley Farms 13-3 located in the SW NE NE SW, S13-T28S-R17E, Approximately 2036 FSL & 2028 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) 650-7704

A COPY OF THE AFFIDAVIT OF PUBLICATION MUST ACCOMPANY ALL APPLICATIONS

Affidavit of Publication

STATE OF KANSAS, NEOSHO COUNTY, ss:

Rhonda Howter, 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 19 day of June 2012, with subsequent publications being made on the following dates:

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

Rhonda Howter

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

| | 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 Click Goal Seek SSP Click | | |
| 2 | Parameters | Units | Input | Input | Input | Input | Input | | | | |
| 3 | Select the brines | Select fluid by checking the box(es), Row 3 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Mixed brine: | | | |
| 4 | Sample ID | | | | | | | Cell H28 is | | | |
| 5 | Date | | 3/19/2012 | 3/4/2012 | 3/14/2012 | 1/20/2012 | 1/20/2012 | STP calc. pH. | | | |
| 6 | Operator | | PostRock | PostRock | PostRock | PostRock | PostRock | Cells H35-38 | | | |
| 7 | Well Name | | Ward Feed | Ward Feed | Clinesmith | Clinesmith | Clinesmith | are used in | | | |
| 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 | | | |
| 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) | | |
| 35 | Choose one option to calculate SI? | 0-CO ₂ +Alk, 1-pH+Alk, 2-CO ₂ +pH | 0 | 0 | 0 | 0 | 0 | | Calcite | NTMP | |
| 36 | Gas/day (thousand cf/day) | (Mc/D) | | | | | | 0 | 0.00 | 0.00 | |
| 37 | Oil/Day | (B/D) | 0 | 0 | 1 | 1 | 1 | 4 | Barite | BHPMP | |
| 38 | Water/Day | (B/D) | 100 | 100 | 100 | 100 | 100 | 500 | 0.00 | 0.00 | |
| 39 | For mixed brines, enter values for temperatures and pressures in Cells (H40-H43) | | | | | | | | (Enter H40-H43) | | |
| 40 | Initial T | (F) | 66.0 | 71.0 | 70.0 | 41.0 | 49.0 | 60.0 | 5.69 | 5.60 | |
| 41 | Final T | (F) | 66.0 | 71.0 | 70.0 | 41.0 | 49.0 | 89.0 | Viscosity (CentiPoise) | | |
| 42 | Initial P | (psia) | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 1.196 | 0.826 | |
| 43 | Final P | (psia) | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 120.0 | Heat Capacity (cal/ml/°C) | | |
| 44 | Use TP on Calcite sheet? | 1-Yes;0-No | | | | | | | 0.955 | 0.959 | |
| 45 | API Oil Grav. | API grav. | | | | | | 30.00 | Inhibitor needed (mg/L) | | |
| 46 | Gas Sp.Grav. | Sp.Grav. | | | | | | 0.60 | Gypsum | HDTMP | |
| 47 | MeOH/Day | (B/D) | 0 | | | | | 0 | 0.00 | 0.00 | |
| 48 | MEG/Day | (B/D) | 0 | | | | | 0 | Anhydrite | HDTMP | |
| 49 | Conc. Multiplier | | | | | | | | 0.00 | 0.00 | |
| 50 | H ⁺ (Strong acid) ¹ | (N) | | | | | | | | | |
| 51 | OH ⁻ (Strong base) ¹ | (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 | ECations= | (equiv./l) | | | | | | | | | |
| 59 | EAnions= | (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/Pitzer | | | 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: Jennifer R. Ammann
 Phone: (620) 431-9500
 Contractor: Name: L S Well Service, LLC
 License: 33374
 Wellsite Geologist: Julie Shaffer
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
 If Workover/Re-entry: Old Well Info as follows:
 Operator: _____
 Well Name: _____
 Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____

| | | |
|-----------------------------------|-----------------|---|
| <u>1/27/06</u> | <u>1/30/06</u> | <u>2/4/06</u> |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

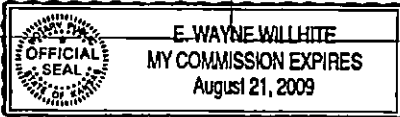
API No. 15 - 133-26459-0000
 County: Neosho
 _____ nw - sw Sec. 13 Twp. 28 S. R. 17 East West
1980 feet from S / N (circle one) Line of Section
1980 feet from E / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Kepley Farms Well #: 13-3
 Field Name: Cherokee Basin CBM
 Producing Formation: multiple
 Elevation: Ground: 960 Kelly Bushing: n/a
 Total Depth: 1162' Plug Back Total Depth: 1157.34
 Amount of Surface Pipe Set and Cemented at 21.6 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 1157.34
 feet depth to surface w/ 144 sx cmt.
REST WITHIN 6-9-06
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: Jennifer R. Ammann
 Title: New Well Development Coordinator Date: 5/25/06
 Subscribed and sworn to before me this 25th day of May,
2006.
 Notary Public: E. Wayne Willhite
 Date Commission Expires: August 21, 2009

KCC Office Use ONLY
 Letter of Confidentiality Received **RECEIVED**
 If Denied, Yes Date: KANSAS CORPORATION COMMISSION
 Wireline Log Received **MAY 26 2006**
 Geologist Report Received **CONSERVATION DIVISION**
 UIC Distribution **WICHITA, KS**



Operator Name: Quest Cherokee, LLC Lease Name: Kepley Farms Well #: 13-3
 Sec. 13 Twp. 28 S. R. 17 East West County: Neosho

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

| | |
|--|--|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Comp. Density/Neutron Log Dual Induction log Gamma Ray CCL | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See Attached |
|--|--|

| 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 | 11" | 8-5/8" | 20# | 21.6 | "A" | 5 | |
| Production | 6-3/4" | 4-1/2" | 10.5# | 1157.34 | "A" | 144 | |

| 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 | 1055-1058/880-882/802-804/747-750/729-731/665-669/652-656 | 400gal 15% HCL w/ 47 lbs 2% lcl water, 345lbs water w/ 2% HCL, Blockle 4000# 2040 sand | 1055-1058 |
| | | 630gal 15% HCL w/ 61 lbs 2% lcl water, 651lbs water w/ 2% HCL, Blockle 13000# 2040 sand | 680-682/802-804 |
| | | | 747-750/729-731 |
| | | 400gal 15% HCL w/ 65 lbs 2% lcl water, 615lbs water w/ 2% HCL, Blockle 12100# 2040 sand | 665-669/652-656 |

| | | | | | |
|--|-----------|---------|---|---------------|---|
| TUBING RECORD | | Size | Set At | Packer At | Liner Run |
| | | 2-3/8" | 1118.95 | n/a | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumed Production, SWD or Enh. | | | Producing Method | | |
| 3/29/06 | | | <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 | 1mcf | 117bbls | | |

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Submit ACO-18.) Other (Specify) _____

RECEIVED
 KANSAS CORPORATION COMMISSION
MAY 26 2006
 CONSERVATION DIVISION
 WICHITA, KS

AFFIDAVIT

STATE OF KANSAS \
- SS.
County of Sedgwick /

Mark Fletchall, of lawful age, being first duly sworn, deposeseth 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 21st 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

21st day of June, 2012

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

Penny L. Case
Notary Public Sedgwick County, Kansas

Printer's Fee : \$132.40

LEGAL PUBLICATION

PUBLISHED IN THE WICHITA EAGLE
JUNE 21, 2012 (0191675)

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
Commining of Production in the Kelsey
Farms 13-3 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, Wolf, Fleming, Crowburn, Beaver,
Mully, Summit and Cattlemen producing
formations of the Kelsey Farms 13-3 located
in the SW NE NE SW, S13-T285-R17E,
Approximately 2036 PSL & 2028 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.

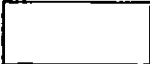
All persons interested or concerned shall
take notice of the foregoing and shall govern
themselves accordingly. All persons and/or
companies wishing to protest this application
are required to file a written protest with the
Conservation Division of the Kansas Oil and
Gas Commission.

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) 440-7704

KEPLEY FARMS 13-3 - 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

Lined area for providing names and legal descriptions of leaseholds.

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

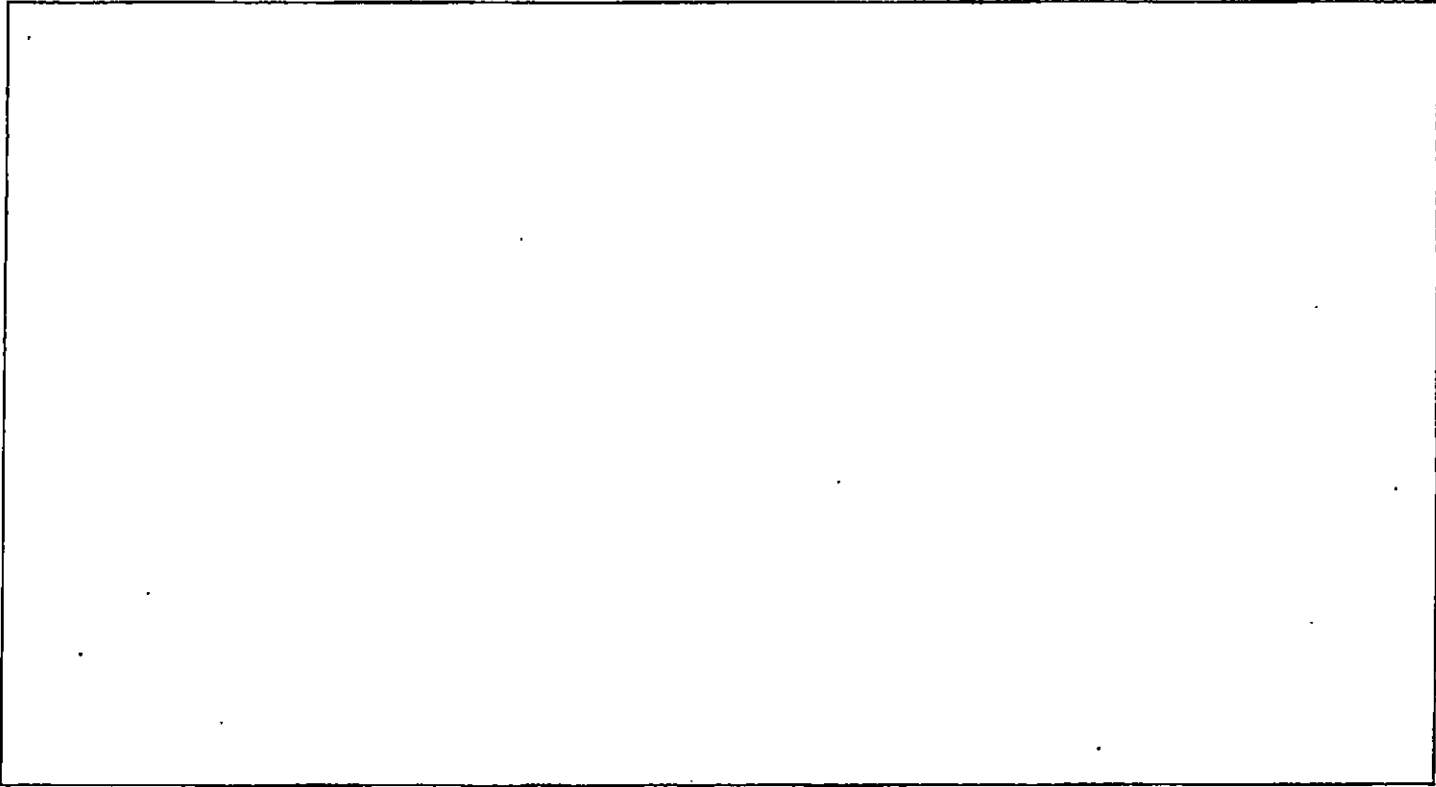
[Signature]
Applicant or Duly Authorized Agent

Subscribed and sworn before me this 3 day of JULY 2012



[Signature]
Notary Public

My Commission Expires: 5/13/13



KEPLEY FARMS 13-3

| SPOT | LEGAL LOCATION | CURR_OPERA |
|-------------|-----------------------|--|
| NE NE NE NW | S24-T28S-R17E | Geo Oil & Gas Service, a General Partnership |
| W2 NE NE NW | S24-T28S-R17E | Geo Oil & Gas Service, a General Partnership |
| SW NE NE NW | S24-T28S-R17E | Geo Oil & Gas Service, a General Partnership |

KEPLEY FARMS 13-3

NE4 of 24-28S-17E

W2 NE4 less tracts

Patricia Smeed
address below

NW4 of 24-28S-17E

2 Tracts in N2 NW

William D. & Erin S. Brant Living Trust
2517 Main

Parsons, KS 67357

Trct in N2 NW

Ernest Jr & Christi Drake
2305 160th Rd

Chanute, KS 66720

Trct in N2 NE

Peter John & Patricia Kay Smeed Living Trust
2605 160th Rd

Chanute, KS 66720

NE4 of 13-28S-17E

Legacy Farms LLC ½ minerals

PO Box 5

Chanute, KS 66720

Kepley Enterprises LLC ½ minerals term

3035 160th Rd

Chanute, KS 66720

Affidavit of Notice Served

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

Well Name: KEPLEY FARMS 13-3 Legal Location: SWNENESW S13-T28S-R17E

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 3RD of JULY

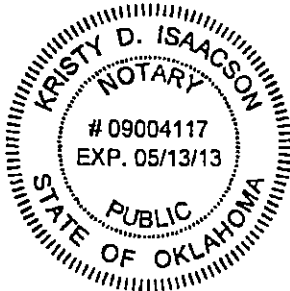
2012, a true and correct copy of the application referenced above was delivered or mailed to the following parties:

Note: A copy of this affidavit must be served as a part of the application.

| Name | Address (Attach additional sheets if necessary) |
|--|---|
| GEO OIL & GAS SERVICE, A GENERAL PARTNERSHIP | 430 KANSAS AVE, IOLA, KS 66749 |
| PATRICIA SMEED | 2605 160TH RD, CHANUTE, KS 66720 |
| WILLIAM D & ERIN S BRANT LIV TRUST | 2517 MAIN, PARSONS, KS 67357 |
| ERNEST JR & CHRISTI DRAKE | 2305 160TH RD, CHANUTE, KS 66720 |
| PETER JOHN & PATRICIA KAY SMEED LIV TRUST | 2605 160TH RD, CHANUTE, KS 66720 |
| LEGACY FARMS LLC | PO BOX 5, CHANUTE, KS 66720 |
| KEPLEY ENTERPRISES LLC | 3035 160TH 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 3 day of JULY, 2012

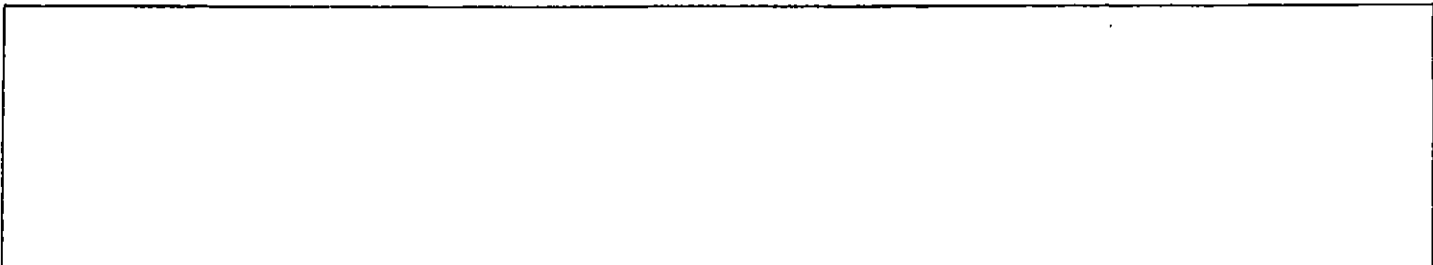


[Signature]
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 3 day of JULY, 2012

[Signature]
Notary Public

My Commission Expires: 5/13/13



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 18, 2012

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

RE: Approved Commingling CO071218
Kepley Farms 13-3 Sec.13-T28S-R17E, Neosho County
API No. 15-133-26459-00-00

Dear Mr. Edwards:

Your Application for Commingling (ACO-4) for the above described well, received by the KCC on July 3, 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 CO071218 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