



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

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:**

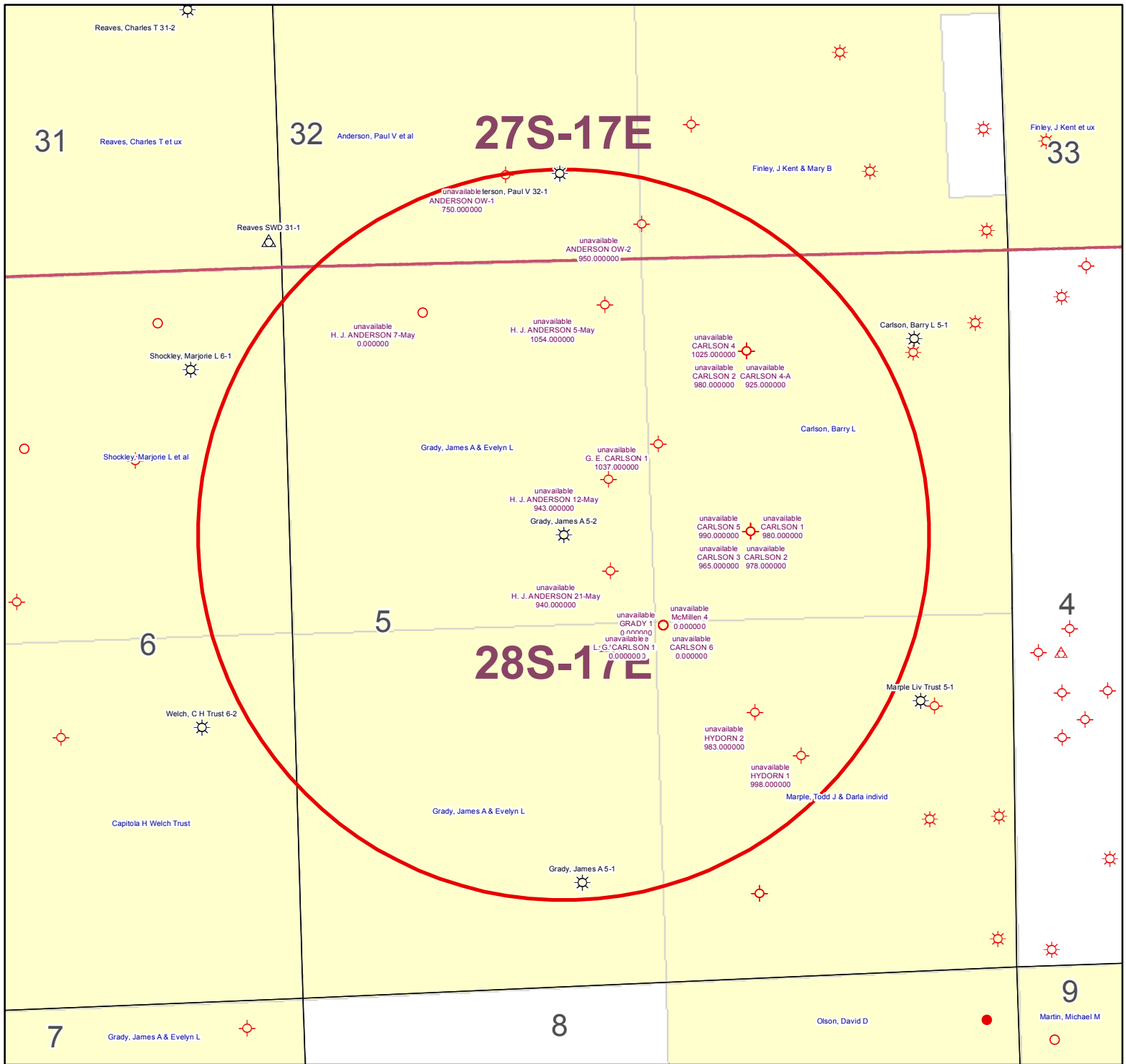
- 7. Well construction diagram of subject well.
- 8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

**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.*



**KGS STATUS**

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

Grady, James A 5-2  
 5-28S-17E  
 1" = 1,000'

|    | A  | B   | C                                   | D                                   | E                                   | F                                       | G                                   | H               | I  | J         | K                        |                       |
|----|--|---|-------------------------------------|-------------------------------------|-------------------------------------|---|-------------------------------------|-----------------|--|-----------|--------------------------|-----------------------|
| 1  | Produced Fluids #  |   | 1                                   | 2                                   | 3                                   | 4                                       | 5                                   |                 | <a href="#">Click here to run SSP</a><br><br>Goal Seek SSP |           | <a href="#">Click</a>    |                       |
| 2  | Parameters   | Units   | Input                               | Input                               | Input                               | Input                                   | Input                               |                 |  |           |                          | <a href="#">Click</a> |
| 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    |  |           |                          | <a href="#">Click</a> |
| 7  | Well Name  |   | Ward Feed                           | Ward Feed                           | Clinesmith                          | Clinesmith                              | Clinesmith                          | are used in     |  |           |                          | <a href="#">Click</a> |
| 8  | Location   |   | #34-1                               | #4-1                                | #5-4                                | #1                                      | #2                                  | mixed brines    |  |           |                          | <a href="#">Click</a> |
| 9  | Field  |   | CBM                                 | CBM                                 | Bartles                             | Bartles                                 | Bartles                             | calculations.   |  |           |                          |                       |
| 10 | Na <sup>+</sup>  | (mg/l)*   | 19,433.00                           | 27,381.00                           | 26,534.00                           | 25689.00                                | 24220.00                            | 24654.20        | Initial(BH)  | Final(WH) | SI/SR<br>(Final-Initial) |                       |
| 11 | K <sup>+</sup> (if not known =0)   | (mg/l)  |                                     |                                     |                                     |   |                                     | 0.00            | Saturation Index values                                    |           |                          |                       |
| 12 | Mg <sup>2+</sup>   | (mg/l)  | 1,096.00                            | 872.00                              | 1,200.00                            | 953.00                                  | 858.00                              | 995.91          | Calcite  |           |                          |                       |
| 13 | Ca <sup>2+</sup>   | (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 <sup>2+</sup>   | (mg/l)  |                                     |                                     |                                     |   |                                     | 0.00            | Barite   |           |                          |                       |
| 15 | Ba <sup>2+</sup>   | (mg/l)  |                                     |                                     |                                     |   |                                     | 0.00            |  |           |                          |                       |
| 16 | Fe <sup>2+</sup>   | (mg/l)  | 40.00                               | 21.00                               | 18.00                               | 82.00                                   | 90.00                               | 50.21           | Halite   |           |                          |                       |
| 17 | Zn <sup>2+</sup>   | (mg/l)  |                                     |                                     |                                     |   |                                     | 0.00            | -1.77  | -1.80     | -0.03                    |                       |
| 18 | Pb <sup>2+</sup>   | (mg/l)  |                                     |                                     |                                     |   |                                     | 0.00            | Gypsum   |           |                          |                       |
| 19 | Cl <sup>-</sup>  | (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 <sub>4</sub> <sup>2-</sup>  | (mg/l)  | 1.00                                | 1.00                                | 8.00                                | 1.00                                    | 1.00                                | 2.40            | Hemihydrate  |           |                          |                       |
| 21 | F <sup>-</sup>   | (mg/l)  |                                     |                                     |                                     |   |                                     | 0.00            | -3.96  | -3.90     | 0.06                     |                       |
| 22 | Br <sup>-</sup>  | (mg/l)  |                                     |                                     |                                     |   |                                     | 0.00            | Anhydrite  |           |                          |                       |
| 23 | SiO <sub>2</sub>   | (mg/l) SiO <sub>2</sub>   |                                     |                                     |                                     |   |                                     | 0.00            | -3.47  | -3.36     | 0.12                     |                       |
| 24 | HCO <sub>3</sub> Alkalinity**  | (mg/l as HCO <sub>3</sub> )                                     | 190.00                              | 234.00                              | 259.00                              | 268.00                                  | 254.00                              | 241.03          | Celestite  |           |                          |                       |
| 25 | CO <sub>3</sub> Alkalinity   | (mg/l as CO <sub>3</sub> )                                      |                                     |                                     |                                     |   |                                     |                 |  |           |                          |                       |
| 26 | Carboxylic acids**   | (mg/l)  |                                     |                                     |                                     |   |                                     | 0.00            | Iron Sulfide   |           |                          |                       |
| 27 | Ammonia  | (mg/L) NH <sub>3</sub>  |                                     |                                     |                                     |   |                                     | 0.00            | -0.16  | -0.22     | -0.06                    |                       |
| 28 | Borate   | (mg/L) H <sub>3</sub> BO <sub>3</sub>                           |                                     |                                     |                                     |   |                                     | 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 <sub>2</sub> Gas Analysis   | (%)   | 19.97                               | 18.76                               | 22.41                               | 35.53                                   | 33.79                               | 26.16           |  |           |                          |                       |
| 32 | H <sub>2</sub> S Gas Analysis***   | (%)   | 0.0289                              | 0.0292                              | 0.0296                              | 0.0306                                  | 0.0151                              | 0.0269          | Iron Carbonate   |           |                          |                       |
| 33 | Total H <sub>2</sub> Saq   | (mgH <sub>2</sub> S/l)  | 1.00                                | 1.00                                | 1.00                                | 1.00                                    | 0.50                                | 0.90            | -0.74  | -0.51     | 0.23                     |                       |
| 34 | pH <sub>i</sub> 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 <sub>2</sub> %+Alk,<br>1-pH+Alk,<br>2-CO <sub>2</sub> %+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)  |           | 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 <sup>+</sup> (Strong acid) †   | (N)   |                                     |                                     |                                     |   |                                     |                 |  |           |                          |                       |
| 51 | OH <sup>-</sup> (Strong base) †  | (N)   |                                     |                                     |                                     |   |                                     |                 |  |           |                          |                       |
| 52 | Quality Control Checks at STP:   |   |                                     |                                     |                                     |   |                                     |                 |  |           |                          |                       |
| 53 | H <sub>2</sub> S Gas   | (%)   |                                     |                                     |                                     |   |                                     |                 |  |           |                          |                       |
| 54 | Total H <sub>2</sub> Saq (STP)   | (mgH <sub>2</sub> S/l)  |                                     |                                     |                                     |   |                                     |                 |  |           |                          |                       |
| 55 | pH Calculated  | (pH)  |                                     |                                     |                                     |   |                                     |                 |  |           |                          |                       |
| 56 | PCO <sub>2</sub> Calculated  | (%)   |                                     |                                     |                                     |   |                                     |                 |  |           |                          |                       |
| 57 | Alkalinity Cacluated   | (mg/l) as HCO <sub>3</sub>                                      |                                     |                                     |                                     |   |                                     |                 |  |           |                          |                       |
| 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 <sup>3</sup>                          | 100                                 | ft <sup>3</sup> | 3,531  |           |                          |                       |
| 65 | If No, inhibitor # is:   | 4   | #                                   | 4                                   | DTPMP                               | m <sup>3</sup>                          | 100                                 | bb(42 US gal)   | 629  |           |                          |                       |
| 66 | If you select Mixed,   |   |                                     | 5                                   | PPCA                                | MPa                                     | 1,000                               | psia            | 145,074  |           |                          |                       |
| 67 | 1 <sup>st</sup> inhibitor # is:  | 1   | #                                   | 6                                   | SPA                                 | Bar                                     | 496                                 | psia            | 7,194  |           |                          |                       |
| 68 | % of 1 <sup>st</sup> inhibitor is:   | 50  | %                                   | 7                                   | HEDP                                | Torr                                    | 10,000                              | psia            | 193  |           |                          |                       |
| 69 | 2 <sup>nd</sup> 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%<br>Brine 1 | 20%<br>Brine 2 | 20%<br>Brine 3 | 20%<br>Brine 4 | 20<br>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 <sub>2</sub> 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 1058604  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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: LANCE GALVIN  
Phone: ( 405 ) 600-7704  
CONTRACTOR: License # 5675  
Name: McPherson, Ron dba McPherson Drilling  
Wellsite Geologist: KEN RECOY  
Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     SIOW  
 Gas     D&A     ENHR     SIGW  
 OG     GSW     Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic     Other (Core, Expl., 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     Conv. to SWD  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_

|                                   |                  |   |
|-----------------------------------|------------------|---|
| <u>2/7/2011</u>                   | <u>2/11/2011</u> | <u>2/22/2011</u>                        |
| Spud Date or<br>Recompletion Date | Date Reached TD  | Completion Date or<br>Recompletion Date |

API No. 15 - 15-205-27903-00-00  
Spot Description: \_\_\_\_\_  
\_\_\_\_\_ SE NW Sec. 5 Twp. 28 S. R. 17  East  West  
1980 Feet from  North /  South Line of Section  
1980 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Wilson  
Lease Name: GRADY, JAMES A Well #: 5-2  
Field Name: \_\_\_\_\_  
Producing Formation: CHEROKEE COALS  
Elevation: Ground: 991 Kelly Bushing: 0  
Total Depth: 1270 Plug Back Total Depth: 1267  
Amount of Surface Pipe Set and Cemented at: 21 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 1267  
feet depth to: 0 w/ 185 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 0 bbls  
Dewatering method used: Evaporated  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Deanna Garrisor Date: 06/30/2011



1058604

Operator Name: PostRock Midcontinent Production LLC Lease Name: GRADY, JAMES A Well #: 5-2  
 Sec. 5 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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

|   |   |   |                                 |
|---|---|---|---------------------------------|
| Drill Stem Tests Taken<br>(Attach Additional Sheets)          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input 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  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |   |                                 |
| Electric Log Submitted Electronically<br>(If no, Submit Copy) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |   |                                 |
| List All E. Logs Run:   | Attached  |   |                                 |

| CASING RECORD <input checked="" 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   | 12.25             | 8.625                     | 22                | 21            | A              | 4            |                            |
| PRODUCTION  | 7.875             | 5.5                       | 14.5              | 1267.92       | A              | 185          |                            |
|   |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD |                  |                |              |                            |
|---------------------------------------|------------------|----------------|--------------|----------------------------|
| Purpose:                              | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| ___ Perforate                         |                  |                |              |                            |
| ___ Protect Casing                    | -                |                |              |                            |
| ___ Plug Back TD                      |                  |                |              |                            |
| ___ Plug Off Zone                     | -                |                |              |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used)     | Depth           |
|----------------|---|---|-----------------|
| 4              | 1120-1122   | 400GAL 15% HCL W/ 66BLS 2% KCL WATER, 429BLS W/ 2% KCL, BIOCID, MAXFLOW, 2300# 20/40  | 1120-1122       |
| 4              | 920-922   | 400GAL 15% HCL W/ 88BLS 2% KCL WATER, 444BLS W/ 2% KCL, BIOCID, MAXFLOW, 3018# 20/40  | 920-922         |
| 4              | 722-726/710-715   | 400GAL 15% HCL W/ 59BLS 2% KCL WATER, 764BLS W/ 2% KCL, BIOCID, MAXFLOW, 17972# 20/40 | 722-726/710-715 |
| 4              | 492-496/368-371   | 400GAL 15% HCL W/ 50BLS 2% KCL WATER, 841BLS W/ 2% KCL, BIOCID, MAXFLOW, 10944# 20/40 | 492-496/368-371 |

|   |           |           |  |                |   |
|---|-----------|-----------|--|----------------|---|
| TUBING RECORD:  |           | Size: 1.5 | Set At: 1200   | Packer At: N/A | Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Date of First, Resumed Production, SWD or ENHR.<br>3/8/2011 |           |           | Producing Method:<br><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   |
|   | 0         | 34        | 20   |                |   |

|   |  |  |
|---|--|--|
| DISPOSITION OF GAS:<br><input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br>(If vented, Submit ACO-18.) | METHOD OF COMPLETION:<br><input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br>(Submit ACO-5) (Submit ACO-4)<br><input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL:<br>_____<br>_____ |
|---|--|--|

|            |                                      |
|------------|--------------------------------------|
| Gpsn       | BDP2! !X f mDpn qrfujpo              |
| P qf sbups | Qpt uSpdl !Njedpojof ouQspevdjpo!MMD |
| X f mObn f | HSBEZ-!KBNFT!B!6.3                   |
| Epd!E      | 2169715                              |

BmF rhdugd!Mpht !Svo

|      |  |
|------|--|
|      |  |
| DEM  |  |
| EJM  |  |
| OEM  |  |
| UFNQ |  |

# QUEST

Resource Corporation



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

D 11009

## TREATMENT REPORT & FIELD TICKET CEMENT

TICKET NUMBER

7031

FIELD TICKET REF #

FOREMAN Joe Blanchard

SSI 618430

API 15-205-27903

| DATE    | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
|---------|--------------------|---------|----------|-------|--------|
| 2-16-11 | Grady James A 5-2  | 5       | 28       | 17    | Wb     |

| FOREMAN / OPERATOR | TIME IN | TIME OUT | LESS LUNCH | TRUCK # | TRAILER # | TRUCK HOURS | EMPLOYEE SIGNATURE |
|--------------------|---------|----------|------------|---------|-----------|-------------|--------------------|
| Joe Blanchard      | 6:00    | 12:00    |            | 904850  |           | 6           | Joe Blanchard      |
| OTIS Powers        | 6:00    |          |            | 903197  |           | 6           | OTIS Powers        |
| Nathan Galen       | 6:45    |          |            | 903142  | 932900    | 5.25        | Nathan Galen       |
| Wes Grynner        | 6:45    |          |            | 931585  | 931387    | 5.25        | Wes Grynner        |
| Matt Noff          | 6:00    |          |            | 603600  |           | 6           | Matt Noff          |
| Justin Sanson      | 7:00    |          |            | Tractor |           | 5           | Justin Sanson      |

JOB TYPE Langstring HOLE SIZE 7 7/8 HOLE DEPTH 1270 CASING SIZE & WEIGHT 5 1/2 10#  
 CASING DEPTH 1267.92 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 30118 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 bpm

REMARKS:

washed 80 Ft swept to socks gal Installed cement head pump 22 BBI dye & 185 SKS of cement Ran out of cement Flush pump Pump wiper plug to bottom & set float shoe. Light Cement To Surface due to Running out of cement during end of Job.

Started in hole 9:00 AM. Landed casing 10:30: started cement 11:15  
 Foggy so took Big white to get to location. 30 minute wait on water to cement.

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION OF SERVICES OR PRODUCT | TOTAL AMOUNT |
|--------------|-------------------|------------------------------------|--------------|
| 904850       | 6 hr              | Foreman Pickup                     |              |
| 903197       | 6 hr              | Cement Pump Truck                  |              |
| 903600       | 6 hr              | Bulk Truck                         |              |
| 931585       | 5.25 hr           | Transport Truck                    |              |
| 931387       | 5.25 hr           | Transport Trailer                  |              |
| 904735       | 6 hr              | 80 Vac                             |              |
|              | 1267.92 Ft        | Casing 5 1/2                       |              |
|              | 7                 | Centralizers                       |              |
|              | 1                 | Float Shoe                         |              |
|              | 1                 | Wiper Plug                         |              |
|              | 2                 | Frac Baffles 4" # 4 1/2            |              |
|              | 150 SK            | Portland Cement                    |              |
|              | 40 SK             | Gilsonite                          |              |
|              | 2 SK              | Flo-Seal                           |              |
|              | 16 SK             | Premium Gel                        |              |
|              | 6 SK              | Cal Chloride                       |              |
|              | 1                 | KCL 5 1/2 Basket                   |              |
|              | 7000 gal          | City Water                         |              |
| 903142       | 5.25 hr           | Casing tractor                     |              |
| 932900       | 5.25 hr           | Casing trailer                     |              |



Called Rocke @ KCC 9:00 AM 2-16-11

TD d. m. Pherson Drilling Friday 02/11/2011 @ 4 PM.

| Pipe# | Length | Running Total | Baffle Location | POSTROCK ENERGY CORP - CASING TALLY SHEET    |
|-------|--------|---------------|-----------------|--|
| 1     | 37.78  | 37.78         |                 | Date: 02/14/2011                             |
| 2     | 39.80  | 77.58         | Cement Basket   | Well Name & #: Grady, James A. 5-2           |
| 3     | 39.45  | 117.03        | 196 Jo          | Township & Range: 28S-17E                    |
| 4     | 39.45  | 156.48        |                 | County/State: Wilson/Kansas                  |
| 5     | 39.88  | 196.36        | 235 ft          | SSI #: 618430                                |
| 6     | 39.10  | 235.46        |                 | AFE#: D11009                                 |
| 7     | 39.38  | 274.84        |                 | Road Location: 1900 & Wichita, W&S into      |
| 8     | 39.56  | 314.40        |                 | API# 15-205-27903                            |
| 9     | 38.82  | 353.22        |                 |  |
| 10    | 38.91  | 392.13        |                 |  |
| 11    | 38.24  | 430.37        |                 |  |
| 12    | 38.92  | 469.29        |                 |  |
| 13    | 38.75  | 508.04        |                 |  |
| 14    | 38.92  | 546.96        |                 |  |
| 15    | 38.98  | 585.94        |                 |  |
| 16    | 38.38  | 624.32        |                 |  |
| 17    | 39.12  | 663.44        |                 |  |
| 18    | 39.83  | 703.27        |                 |  |
| 19    | 39.60  | 742.87        |                 |  |
| 20    | 40.12  | 782.99        |                 |  |
| 21    | 38.98  | 821.97        |                 |  |
| (22)  | 38.58  | 860.55        |                 | ← Set Upper Baffle @ 821.97 ft. Big Hole.    |
| 23    | 38.32  | 898.87        |                 |  |
| 24    | 39.20  | 938.07        |                 |  |
| 25    | 39.00  | 977.07        |                 |  |
| 26    | 40.23  | 1017.30       |                 |  |
| 27    | 39.99  | 1057.29       |                 | ← Set Lower Baffle @ 1057.29 ft. Small Hole. |
| (28)  | 38.78  | 1096.07       |                 |  |
| 29    | 39.09  | 1135.16       |                 |  |
| 30    | 39.02  | 1174.18       |                 |  |
| 31    | 39.71  | 1213.85       |                 |  |
| (32)  | 39.07  | 1252.92       |                 |  |
| Sub   | 15.00  | 1267.92       |                 |  |

*Jonny*  
*Kor*

Use all 32 joints & the 15 ft. Sub.

**Be Safe !!**

Miss Top = 1130 ft.

Tally Bottom = 1267.92 ft.

Log Bottom = 1269.50 ft.

Driller TD = 1270 ft.

Teamwork works! Put Safety 1st!



*Ke Reavy*

Cell 620-305-9900

02-14-2011

McPherson Drilling LLC Drillers Log

PO# URG021611-1 AFE# D11009

|                       |          |        |         |
|-----------------------|----------|--------|---------|
| Rig Number: 1         | S. 5     | T. 28  | R. 17 E |
| API No. 15- 205-27903 | Dpvouz;! | Wilson |         |
| Frhw! : : 2           | Mpdyjpo; |        |         |

| Gas Tests:         |      |
|--------------------|------|
| 611                | 2/79 |
| 746                | 2/79 |
| 771                | 2/79 |
| 826                | 3/48 |
| 841                | 3/48 |
| 916                | 5/56 |
| 941                | 5/56 |
| : 16               | 5/56 |
| : 31               | 5/56 |
| : 42               | 5/56 |
| : 66               | 9/98 |
| 2116               | 9/98 |
| 2231               | 9/98 |
| 2246               | 9/98 |
| 2381               | 9/98 |
| Dpn n f out;!      |      |
| Tubsljokf djoh!A ! | 311# |

|                    |                                 |                                |
|--------------------|---------------------------------|--------------------------------|
| Pqf sbps;!         | QPTUSPDL                        | !!                             |
| Beef tt;!          | 321!Qbs!Bwf!Tuf!3861            |                                |
|                    | PI rbi pn b!Djuz-!PL!84213.6752 |                                |
| X f rntOp;         | 5-2                             | Mf bt f !Obn f ; Grady James A |
| Gppubhf !!Mpdyjpo; | 2-: 91                          | g/lgn lu f ! OPSUI Mof         |
|                    | 2-: 91                          | g/lgn lu f ! X FTU Mof         |
| Ejnjoh!Dpousbdps   | McPherson Drilling LLC          |                                |
| Tqvelebf ;         | 308122                          | Hf prphjt u! Lf o!Sf dpz       |
| Ebf !Dpn qrfuf e;  | 3020122                         | UpbrE f qu ;! 2381             |

| Casing Record   |            |       | Rig Time:  |           |
|-----------------|------------|-------|------------|-----------|
| Tvsqdf !        | Qspevdjpo! |       |            |           |
| Tj{f !! prf;    | 22#        | 8180# | i jdi 3p!A | 261#2311# |
| Tj{f !Dbt joh;  | 9160#      |       |            |           |
| X f jhi u       | 31\$       |       |            |           |
| Tf ujoh!Ef qu ; | 32         | NDQ   |            |           |
| Uzqf !Df n f ou | Qpsuboe    | !     | ES.MFS;    | Boez!Dpbt |
| Tbdlt ;         | 5          | NDQ   |            |           |

| Well Log     |     |      |      |              |      |      |              |       |       |
|--------------|-----|------|------|--------------|------|------|--------------|-------|-------|
| Formation    | Top | Btm. | HRS. | Formation    | Top  | Btm. | Formation    | Top   | Btm.  |
| t pjm        | 1   | 4    |      | rjm f        | 638  | 652  | t boet i brn | : 29  | : 39  |
| rjm f        | 4   | 35   |      | ti brn       | 652  | 659  | dpbm         | : 39  | : 41  |
| ti brn       | 35  | : 1  |      | t boe        | 659  | 686  | ti brn       | : 41  | : 47  |
| rjm f        | : 1 | 21:  |      | dpbm         | 686  | 687  | dpbm         | : 47  | : 49  |
| t boet i brn | 21: | 355  |      | t boet i brn | 687  | 736  | t boet i brn | : 49  | : 61  |
| rjm f        | 355 | 41:  |      | rjm f        | 736  | 738  | t boe!       | : 61  | : 96  |
| ti brn       | 41: | 426  |      | dpbm         | 738  | 73:  | dpbm         | : 96  | : 97  |
| rjm f        | 426 | 428  |      | rjm f        | 73:  | 765  | t boe        | : 97  | 2123  |
| crbdlti brn  | 428 | 432  |      | dpbm         | 765  | 768  | t boet i brn | 2123  | 21: 1 |
| ti brn       | 432 | 453  |      | ti brn       | 768  | 79:  | t boe        | 21: 1 | 2212  |
| rjm f        | 453 | 45:  |      | pt x         | 79:  | 816  | ti brn       | 2212  | 2226  |
| ti brn       | 45: | 486  |      | t vn n ju    | 816  | 821  | dpbm         | 2226  | 2228  |
| rjm f        | 486 | 519  |      | pt x         | 821  | 827  | ti brn       | 2228  | 2237  |
| crbdlti brn  | 519 | 521  |      | n vrnz       | 827  | 831  | n jtt !Mn f  | 2237  | 2381  |
| rjm f        | 521 | 531  |      | rjm f        | 831  | 834  |              |       |       |
| ti brn       | 531 | 53:  |      | ti brn       | 834  | 8: 8 |              |       |       |
| crbdlti brn  | 53: | 543  |      | dpbm         | 8: 8 | 8: : |              |       |       |
| ti brn       | 543 | 563  |      | ti brn       | 8: : | 917  |              |       |       |
| t boe!       | 563 | 585  |      | t boet i brn | 917  | 929  |              |       |       |
| ti brn       | 585 | 594  |      | dpbm         | 929  | 931  |              |       |       |
| crbdlti brn  | 594 | 594  |      | ti brn       | 931  | 996  |              |       |       |
| ti brn       | 594 | 621  |      | dpbm         | 996  | 997  |              |       |       |
| rjm f        | 621 | 626  |      | t boet i brn | 997  | : 27 |              |       |       |
| ti brn       | 626 | 638  |      | dpbm         | : 27 | : 29 |              |       |       |



WELL : Grady, James A 5-2  
 FIELD : Cherokee Basin  
 STATE : Kansas  
 COUNTY : Wilson

SPUD DATE : 2/7/2011  
 COMP. Date : 2/22/2011  
 API: 15-205-27903-00-00

LOCATION: 5-28S-17E (SE, NW)  
 ELEVATION: GL - 991'

8 5/8" 22 lb @ 21' Cement w/4 sks

1 1/2" tubing @ 1200'

5.5" 14.5 lb @ 1267' Cement w/185 sks

PBTD @ 1267'

Drilled Depth @ 1270'

**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" | 21 lb   |       |             | 2011 | 21'   |
| 5 1/2" | 14.5 lb |       | .0244       | 2011 | 1267' |
| 1 1/2" |         |       |             | 2011 | 1200' |
|        |         |       |             |      |       |
|        |         |       |             |      |       |
|        |         |       |             |      |       |
|        |         |       |             |      |       |
|        |         |       |             |      |       |
|        |         |       |             |      |       |

**Downhole Equipment Detail**

**Completion Data**

|                                |
|--------------------------------|
| Original as GAS Well per ACO-1 |
| 1600 gals 15% HCL              |
| 2,478 bbls                     |
| 34,234 lbs 20/40 sand          |

**Perforations**

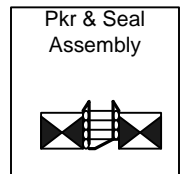
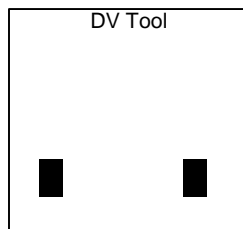
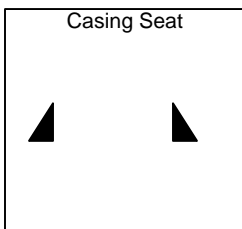
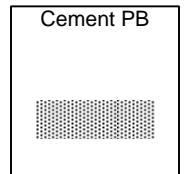
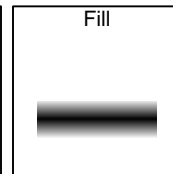
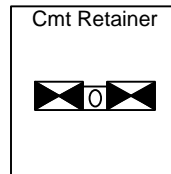
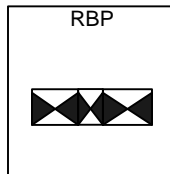
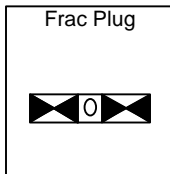
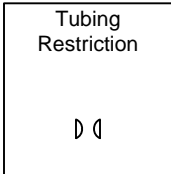
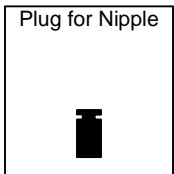
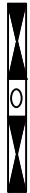
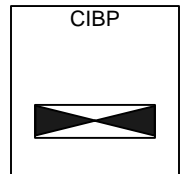
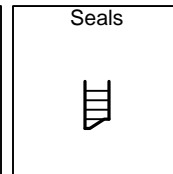
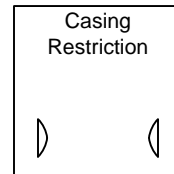
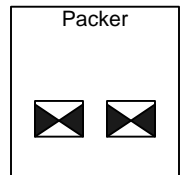
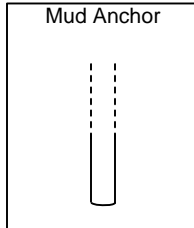
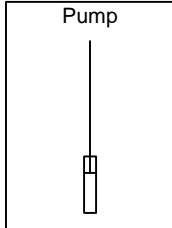
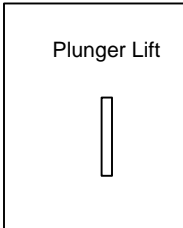
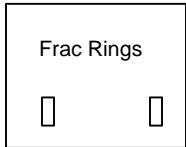
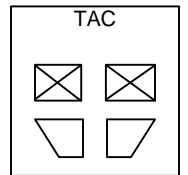
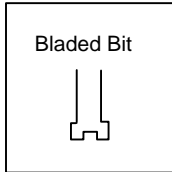
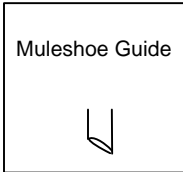
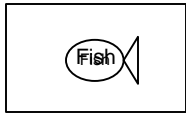
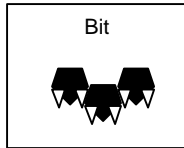
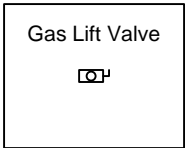
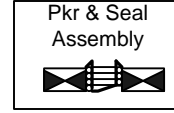
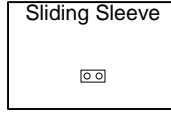
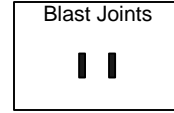
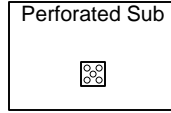
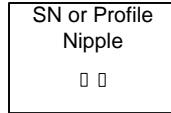
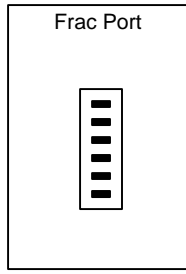
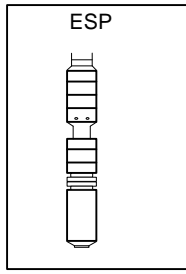
|                            |
|----------------------------|
| Original Completion: 4 spf |
| 368-371 Hushpuckney        |
| 492-496 Holdenville        |
| 710-715 Summit             |
| 722-726 Mulky              |
| 920-922 Tebo               |
| 1120-1122 Riverton         |

# POSTROCK



## LEGEND

PostRock®





**Affidavit of Notice Served**

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

Well Name: GRADY, JAMES A 5-2 Legal Location: SENW S5-T28S-R17E

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 13<sup>th</sup> of AUGUST, 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)           |
|---------------------------------------|---|
| POSTROCK MIDCONTINENT PRODUCTION, LLC | 210 PARK AVENUE, SUITE 2750, OKLAHOMA CITY, OK 73102-5641 |

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

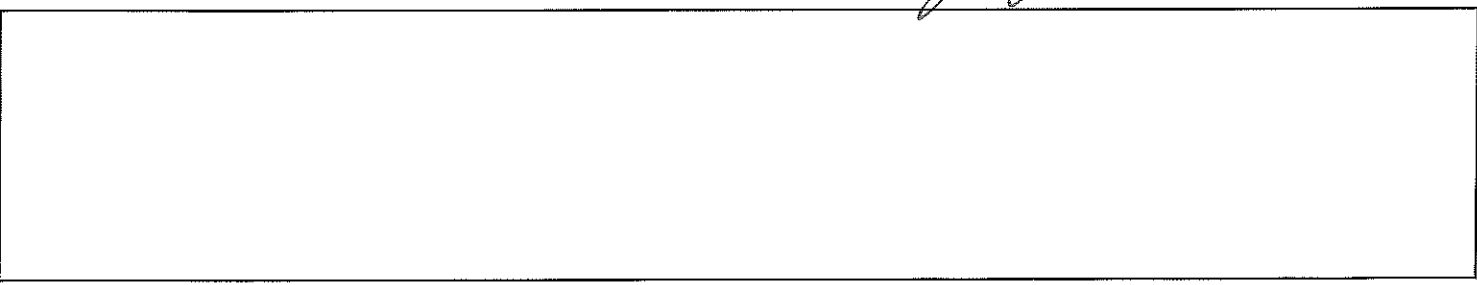
Signed this 14<sup>th</sup> day of AUGUST, 2012

Jess L Morris  
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 14<sup>th</sup> day of AUGUST, 2012



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



GRADY, JAMES A 5-2 - 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:

POSTROCK MIDCONTINENT PRODUCTION, LLC

POSTROCK HAS LEASED ALL ACREAGE IN THE 1/2

MILE RADIUS

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

*Jess L Morris*

Applicant or Duly Authorized Agent

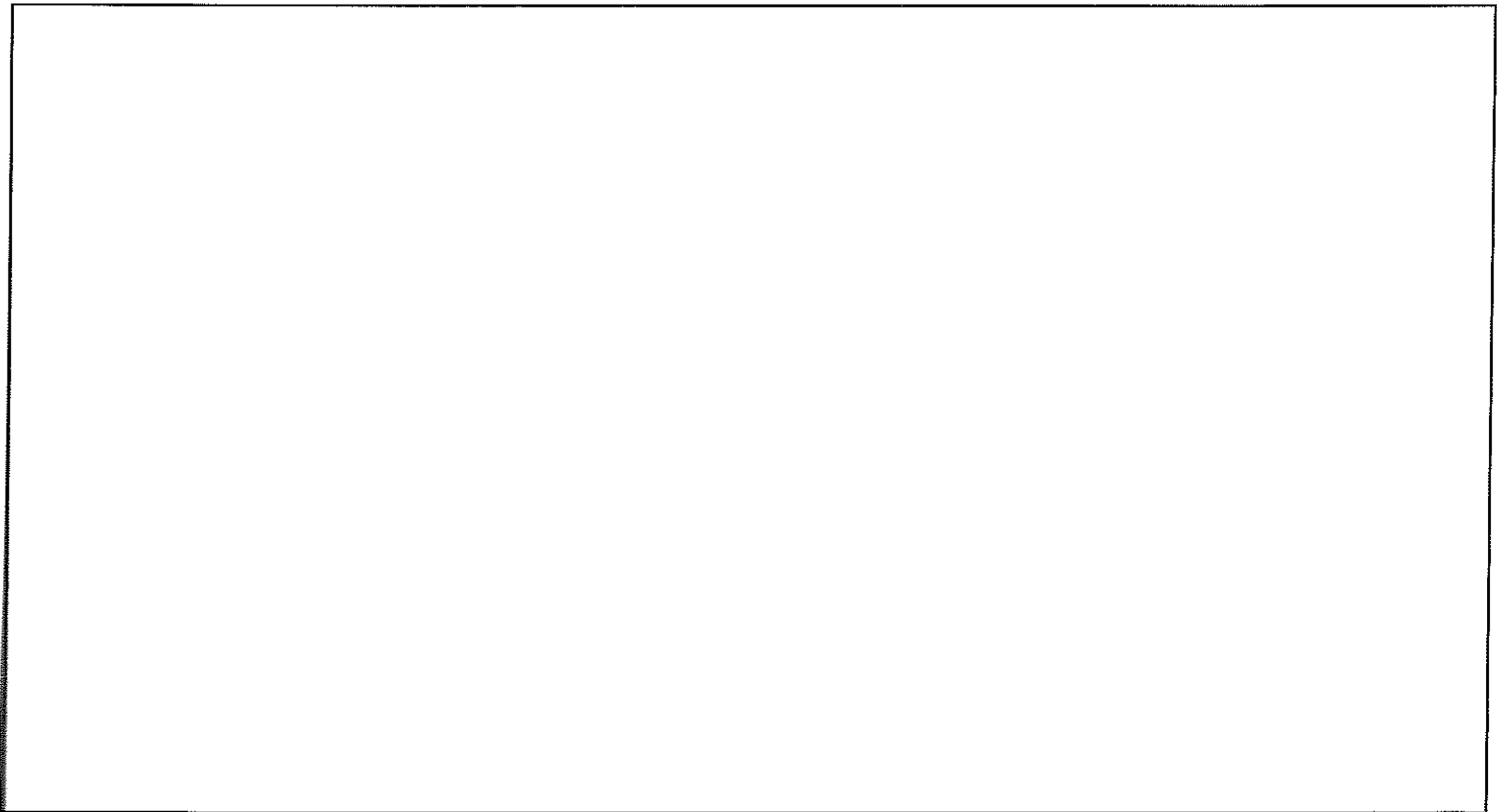
Subscribed and sworn before me this 14<sup>th</sup> day of AUGUST, 2012



*Jennifer R Beal*

Notary Public

My Commission Expires: July 20, 2016



**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 11th 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

13th 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 11, 2012 (3200868)
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 Grady, James A 5-2 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 commingle the Hushpuckney, Holdenville, Summit, Mulky, Tebo, Riverton and Bartlesville producing formations at the Grady, James A 5-2, located in the SE NW, S5-T28S-R17E, Approximately 1980 FNL & 1980 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 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



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 13th 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 14th day of August, 2012

Rita M. Relph (Notary Public)

My commission expires Aug. 30, 2014

LEGAL NOTICES

(Published in the Wilson County Citizen on Monday, August 13, 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 Grady, James A 5-2 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 Hushpuckney, Holdenville, Summit, Mulky, Tebo, Riverton and Bartlesville producing formations at the Grady, James A 5-2, located in the SE NW, S5-T28S-R17E, Approximately 1980 FNL & 1980 FWL, Wilson County, Kansas.

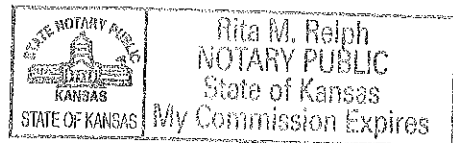
Any persons who object to or protest this application shall be required to file their objections or protest with the Conservation Division of the State Corporation Commission of the State of Kansas within fifteen (15) days from the date of this publication. These protests shall be filed pursuant to Commission 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 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 2760  
Oklahoma City, Oklahoma 73102  
(405) 660-7704  
511 cpy.

PA  
8/23/12  
mr



August 29 , 2012

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

RE: Approved Commingling CO081223  
Grady, James A. 5-2, Sec. 5-T28S-R17E, Wilson County  
API No. 15-205-27903-00-00

Dear Mr. Edwards:

Your Application for Commingling (ACO-4) for the above described well, received by the KCC on August 24, 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 CO081223 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