

## Kansas Corporation Commission Oil & Gas Conservation Division

### 1048079

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 #  | API No. 15  |
|--|---|
| Name:  | Spot Description:   |
| Address 1:   | SecTwpS. R 🔲 East 🗌 West  |
| Address 2:   | Feet from North / South Line of Section   |
| City:  | Feet from East / West Line of Section   |
| Contact Person:  | Footages Calculated from Nearest Outside Section Corner:                                |
| Phone: ()  | □NE □NW □SE □SW   |
| CONTRACTOR: License #  | County:   |
| Name:  | Lease Name: Well #:   |
| Wellsite Geologist:  | Field Name:   |
| Purchaser:   | Producing Formation:  |
| Designate Type of Completion:  | Elevation: Ground: Kelly Bushing:   |
| New Well Re-Entry Workover   | Total Depth: Plug Back Total Depth:   |
| Oil         WSW         SWD         SIOW           Gas         D&A         ENHR         SIGW           OG         GSW         Temp. Abd.           CM (Coal Bed Methane)         Cathodic         Other (Core, Expl., etc.): | Amount of Surface Pipe Set and Cemented at: Feet  Multiple Stage Cementing Collar Used? |
| If Workover/Re-entry: Old Well Info as follows:  |   |
| Operator: Well Name:   | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)            |
| Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW  | Chloride content: ppm Fluid volume: bbls  Dewatering method used:                       |
| Plug Back: Plug Back Total Depth   | Location of fluid disposal if hauled offsite:   |
| Commingled         Permit #:   | Operator Name:  |
| GSW Permit #:  | County: Permit #:   |
| Spud Date or Date Reached TD Completion Date or Recompletion Date  |   |

#### **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 III Approved by: Date:       |

Side Two



| Operator Name:   |                       |  | Lease Name: _        |                               |  | _ Well #:         |                               |
|--|-----------------------|--|----------------------|-------------------------------|--|-------------------|-------------------------------|
| Sec Twp  | S. R                  | East West  | County:              |                               |  |                   |                               |
| time tool open and clorecovery, and flow rat                           | osed, flowing and shu | d base of formations per<br>t-in pressures, whether s<br>st, along with final chart<br>well site report. | shut-in pressure rea | ched static level,            | hydrostatic pres                           | sures, bottom h   | ole temperature, fluid        |
| Drill Stem Tests Taker<br>(Attach Additional                           |                       | Yes No   |                      | og Formation                  | n (Top), Depth ar                          | nd Datum          | Sample                        |
| Samples Sent to Geo  | •                     | ☐ Yes ☐ No   | Nam                  | ne                            |  | Тор               | Datum                         |
| Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Cop) | ed Electronically     | Yes No Yes No Yes No   |                      |                               |  |                   |                               |
| List All E. Logs Run:  |                       |  |                      |                               |  |                   |                               |
|  |                       |  | RECORD N             | ew Used ermediate, production | on, etc.                                   |                   |                               |
| Purpose of String  | Size Hole<br>Drilled  | Size Casing<br>Set (In O.D.)   | Weight<br>Lbs. / Ft. | Setting<br>Depth              | Type of<br>Cement                          | # Sacks<br>Used   | Type and Percent<br>Additives |
|  |                       |  |                      |                               |  |                   |                               |
|  |                       |  |                      |                               |  |                   |                               |
|  |                       |  |                      |                               |  |                   |                               |
|  |                       | ADDITIONA  | L CEMENTING / SQI    | JEEZE RECORD                  |  |                   |                               |
| Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone          | Depth<br>Top Bottom   | Type of Cement   | # Sacks Used         |                               | Type and I                                 | Percent Additives |                               |
|  |                       |  |                      |                               |  |                   |                               |
| Shots Per Foot   |                       | ON RECORD - Bridge Plu<br>Footage of Each Interval Pe  |                      |                               | cture, Shot, Cemen<br>count and Kind of Ma |                   | d Depth                       |
|  |                       |  |                      |                               |  |                   |                               |
|  |                       |  |                      |                               |  |                   |                               |
| TUBING RECORD:   | Size:                 | Set At:  | Packer At:           | Liner Run:                    | Yes No                                     |                   |                               |
| Date of First, Resumed   | Production, SWD or EN | HR. Producing Me   |                      | Gas Lift O                    | ther <i>(Explain)</i>                      |                   |                               |
| Estimated Production<br>Per 24 Hours                                   | Oil                   | Bbls. Gas  | Mcf Wa               | ter Bb                        | ols.                                       | Gas-Oil Ratio     | Gravity                       |
| DISPOSITI  | ON OF GAS:            |  | METHOD OF COMPL      | ETION:                        |  | PRODUCTIO         | ON INTERVAL:                  |
| Vented Solo  | d Used on Lease       | Open Hole  | Perf. Duall          |                               | nmingled<br>nit ACO-4)                     |                   |                               |
| (If vented, Su   | bmit ACO-18.)         | Othor (Specify)  | (Summit              | AUU-U) (SUDI                  | IIII ACO-4)                                |                   |                               |

CONSOLIDATED OIL WELL SERVICES, INC. # 233768 P.O. BOX 884, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

14759 TICKET NUMBER LOCATION Backwille Jason Bell FOREMAN

## TREATMENT REPORT & FIELD TICKET CEMENT

| DATE            | CUSTOMER# | WE        | LL NAME & NUM    | MBER       | SECTION   | TOWNSHIP                 | RANGE    | COUNTY   |  |
|-----------------|-----------|-----------|------------------|------------|-----------|--------------------------|----------|----------|--|
| 4-15-10         | 3/07      | DR        | =2               |            | 18        | 345                      | 13 E     | MGM      |  |
| CUSTOMER Dece 1 | 000 /0050 | 44.0      |                  |            | TRUCK#    | DRIVER                   | TRUCK#   | DRIVER   |  |
| MAILING ADDRESS |           |           |                  | 492        | T:m       |                          |          |          |  |
| -               |           |           |                  |            | 518       | ERIC                     |          |          |  |
| CITY            |           | STATE     | ZIP CODE         |            |           |                          |          |          |  |
| IOP TYPE        | ۷. 5,     | HOLE SIZE | 53%              | HOLE DEBTH |           | CASING SIZE 8 W          | FIGUT 22 | <u> </u> |  |
|                 |           |           |                  |            |           | CASING SIZE & WEIGHT 276 |          |          |  |
|                 |           |           | DRILL PIPETUBING |            |           | CEMENT LEFT in CASING    |          |          |  |
|                 |           |           |                  |            |           | RATE                     |          |          |  |
| REMARKS:        | EStablish | d Creant  | Tim 10           | 2 65 5RS   | thick set | coment. K                | macked   |          |  |
|                 |           |           |                  |            |           | sottom pluga             |          |          |  |
| Put             | 200 psi 0 | glags a   | d oht            | n. Knock   | ed loose  | and weaker               | up:      |          |  |
|                 | ·         |           |                  |            |           |                          |          |          |  |
|                 |           |           | Cement           | wa cueal   | Ted to S. | Moe -                    |          |          |  |
|                 |           |           |                  |            |           | 7                        |          |          |  |
|                 | ·         |           |                  |            |           | -                        |          |          |  |
|                 |           |           |                  |            |           |                          |          |          |  |

| ACCOUNT<br>CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT      | UNIT PRICE         | TOTAL   |
|-----------------|-------------------|---|--------------------|---------|
| 5401            | 1                 | PUMP CHARGE                             |                    | 900.00  |
| 3406            | 65                | MILEAGE                                 |                    | 230.75  |
| 5407            | /                 | bulktruck                               |                    | 350.00  |
| 5402            | 630               | Loologe                                 |                    | 126.00  |
| 1126A           | 65sks             | thick Set                               | •                  | 1072,50 |
| 1107A           | 40                | Phono                                   | F                  | 44.80   |
| 1110*           | 300#              | Kolsenl                                 |                    | 120.00  |
| 4402            | χ2                | 27/2 entrace Phys                       | +                  | 46.00   |
|                 |                   | 102 discord it port in 30 days = 295,81 |                    |         |
|                 |                   | 2662.95                                 |                    |         |
|                 |                   | 5.3                                     | SALES TAX          | 68.01   |
|                 | 1.1               | A TITLE                                 | ESTIMATED<br>TOTAL | 205846  |

AUTHORIZATION\_



# #133829

TICKET NUMBER 41223

LOCATION B-ville

P.O. BOX 884, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

#### **FIELD TICKET**

| 4-20-10 3107 Snell DR #2 | QTR/QTR | SECTION 8 | TWP 345 | RGE<br>15E | COUNTY | Wayside |  |  |
|--------------------------|---------|-----------|---------|------------|--------|---------|--|--|
| CHARGE TO Deer Run       |         |           | OWNER   |            |        |         |  |  |
| MAILING ADDRESS          |         | OPERATOR  | 1       |            |        |         |  |  |
| CITY & STATE             |         | CONTRACT  | TOR     |            |        |         |  |  |

| ACCOUNT | QUANTITY or UNITS | DESCRIPTION OF SERVICES OR PRODUCT | UNIT<br>PRICE | TOTAL<br>AMOUNT |
|---------|-------------------|------------------------------------|---------------|-----------------|
| 5102    | 1                 | PUMP CHARGE Frac Rungs             |               | 175000          |
| 5106    | 1                 | Blender                            |               | 850=            |
| 5111    |                   | Frac Van                           |               | 6000            |
| 5664    | /                 | Frac Valve                         |               | 10000           |
| 5115    | 1                 | Ball Injector                      |               | 1000            |
| 5316    | 2 Hrs             | Acld Delivery                      |               | 27000           |
| 1202    | Ital.             | Acid Torhibitor                    |               | 4455            |
| 1208    | 14 6al,           | Breaker                            |               | 4550            |
| 1219    | 16a1,             | Non Emulsitier                     |               | 3200            |
| 1231    | 150165            | Frac tel                           |               | 757.50          |
| 1244    | / Cal,            |                                    |               | 3600            |
| 1275    | 250 bal.          | Clay stay<br>15% He i              |               | 4117 50         |
| 4326    | 70                | 7/8" Ball Sealers                  |               | 206.50          |
|         |                   |                                    |               |                 |
|         |                   | BLENDING & HANDLING                |               |                 |
| 5109    | Min               | TON-MILES                          |               | 305=            |
|         |                   | STAND BY TIME                      |               |                 |
| 5108    | 3 Units           | WATER TRANSPORTS Used Lease Water  |               | 372 13          |
| SSOIF   | 3 Hrs             | WATER TRANSPORTS Used Lease Worter |               | 32400           |
|         |                   | VACUUM TRUCKS                      |               |                 |
| 2102    | 4000/65           | FRAC SAND 12/20                    |               | 96000           |
|         |                   | CEMENT                             |               |                 |
|         |                   | ml-5,3%                            | SALES TAX     | 10 94           |
|         |                   |                                    | ( A           | 717729          |
|         | 1                 | - 10% it paid in 30 Days           |               | -717-12         |

CUSTOMER OF AGENTS SIGNATURE -- CIS FOREMAN Rusty Rest

7177.24



PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

# TICKET NUMBER 44375 FIELD TICKET REF # 4/223 LOCATION B-V//z FOREMAN Rusty Re/

# TREATMENT REPORT FRAC & ACID

| DATE                  | CUSTOMER#      | WELL         | NAME & NUMB         | ER       | SECTION      | TOWNSHIP   | RANGE         | COUNTY  |
|-----------------------|----------------|--------------|---------------------|----------|--------------|------------|---------------|---------|
| 1-20-10               |                | Snell DA     | 0 #2                |          | 18           | 345        | 15E           | MI      |
| USTOMER               |                |              |                     |          |              |            |               |         |
| Deel                  | Run            |              |                     |          | TRUCK#       | DRIVER     | TRUCK#        | DRIVER  |
| AILING ADDRE          | ESS            |              |                     |          | 4994-1713    | Roland     | 4134797       | Tohn B  |
|                       |                |              |                     |          | 474          | Dusty      |               |         |
| ITY                   |                | STATE        | ZIP CODE            |          | 475          | Duane      |               |         |
|                       |                |              |                     |          | 550          | Mark       |               |         |
|                       | nd ten her his |              |                     |          |              | 7.1001     |               |         |
| ADDRESS OF THE ASSESS | WELL           | DATA         | ensthan eige and at |          |              |            |               |         |
| SING SIZE             | 27/1           | TOTAL DEPTH  |                     |          |              | TYPE OF TR | EATMENT .     |         |
| ASING WEIGH           |                | PLUG DEPTH   |                     |          | San          | 17         |               | Kallott |
| JBING SIZE            |                | PACKER DEPTH | Н                   |          | 241          | CHEMIC     | , ,           | 770-7   |
| JBING WEIGH           | Т              | OPEN HOLE    |                     |          | Break        | ,          |               |         |
| ERFS & FORM           | IATION         |              | Shors               |          | Frac be      |            |               |         |
| Ways                  | 1.60           | 566-58       | yl                  |          | TIME VE      | /          |               |         |
| UVDYS                 | 100            | 766-281      |                     |          |              |            |               |         |
|                       |                |              |                     |          |              | the factor | L             |         |
|                       | 100            | BBL'S        | INJ RATE            | PROPPANT | SAND / STAGE | PSI        |               |         |
|                       | AGE            | PUMPED       |                     | PPG      |              |            |               |         |
|                       | Acid Bo        | Koff 12      | 4-5                 | 60 Balls | 250 Cal.     |            | BREAKDOWN     |         |
|                       |                |              | AL I                |          |              |            | START PRESSU  | JRE     |
|                       | Pad            | 10           | 5-10                |          |              | 672-766    | END PRESSUR   | E       |
|                       |                | 15           | 15-15               |          |              | 1252-1202  | BALL OFF PRES | ss 27%  |
| 12/2                  | 0              | 10           | 15                  | 125      | 100 1hs      | 1107-1142  | ROCK SALT PR  | ESS     |
|                       |                | 10           | 15                  | ,50      | 200 lbs      | 1143-1160  | ISIP 480      |         |
|                       |                | 10           | 15                  | //       | 400/6        | 1175-1229  | 5 MIN         |         |
|                       | SBalls         | 10           | 15                  | 1,5      | 700/65       | 1218-1569  | 10 MIN        |         |
|                       |                | 15           | 15                  | 2        | 800/65       | 18/5 -1517 | 15 MIN        |         |
| 5                     | Ralle          | 25           | 15-12               | 2,5      | 1800 lbs     | 1455-2331  | MIN RATE 5    | ,       |
|                       | Balls<br>Flush | 7            | 12-14               |          | 1000105      | 2001-1731  |               | 5       |
|                       | 1 10311        | 1            | 1011                |          |              | 5001-1751  | DISPLACEMENT  |         |
|                       |                | <b> </b>     | -                   |          |              | -          | DISPLACEMEN   | 1 2,2   |
|                       |                | 1            |                     |          |              |            |               |         |
| EMARKS:               |                | L            |                     | l        | L            |            |               |         |
| LIIAIIIO.             |                |              |                     |          |              |            |               |         |
|                       |                |              |                     |          |              |            |               |         |
|                       |                |              |                     |          |              |            |               |         |
|                       |                |              |                     |          |              |            |               |         |
|                       |                |              |                     |          | -            |            |               |         |
|                       |                |              |                     |          |              |            |               |         |
|                       |                |              |                     |          |              |            |               |         |
| UTUARITATI            |                |              |                     |          |              |            |               |         |
| ITHORIZATIO           | IN             |              |                     | TITI F   |              |            | DATE          |         |

# **DRILLERS LOG**

API NO.: 15 - 125 - 31950 - 00 - 00 S. 18 T. 34 R. 15 E.\_\_\_ W. OPERATOR: DEER RUN OIL LEASE, LLC LOCATION: SW NW NW SW 2322 CR 1425 ADDRESS: COUNTY: MONTGOMERY CANEY, KS 67333 WELL#: DR-2 LEASE NAME: SNELL ELEV. GR. 827 Estimated 2.5 DF KB 5 2068 FEET FROM (N) (S) LINE 5134 FEET FROM (E) (W) LINE FOOTAGE LOCATION: CONTRACTOR: FINNEY DRILLING COMPANY GEOLOGIST: JIM NUNNELEY SPUD DATE: 4/13/2010 TOTAL DEPTH: 640 DATE COMPLETED: 4/15/2010 OIL PURCHASER: **PACER CASING RECORD** REPORT OF ALL STRINGS - SURFACE, INTERMEDIATE, PRODUCTION, ETC **PURPOSE** WEIGHT SIZE OF SIZE OF SETTING TYPE **TYPE AND %** LBS/FT CASING HOLE DEPTH CEMENT SACKS **ADDITIVES** SURFACE: 12 1/4

20.93

631.47

## WELL LOG

CORES: #1 - 568 - 575

RECOVERED: 7'

PRODUCTION:

5 7/8

2 7/8 8rd

ACTUAL CORING TIME: 3 MIN

RAN:

16 FOOT SUB

SERVICE COMPANY

SERVICE COMPANY

3 CENTRALIZERS: 3rd JOINT 9th JOINT 18th JOINT

1 COLLAR

1 CLAMP

50-50

ER TYPE

8

97

| TOP SOIL          | G.L.  | 3     |     |
|-------------------|-------|-------|-----|
| CLAY              | 3     | 6     |     |
| SAND              | 6     | 14    | 1   |
| SHALE             | 14    | 17    | 1 ~ |
| SHALE & GRAVEL    | 17    | 20.93 | 5   |
| SHALE             | 20.93 | 22    |     |
| LIME              | 22    | 23    | 1   |
| SHALE             | 23    | 87    | 7   |
| LIME              | 87    | 89    | 7   |
| SHALE             | 89    | 91    |     |
| LIME              | 91    | 96    | 7   |
| SHALE             | 96    | 105   | 7   |
| LIME              | 105   | 106   | 7   |
| SHALE             | 106   | 191   | 7   |
| LIME              | 191   | 193   | 7   |
| SHALE             | 193   | 289   | 7   |
| LIME              | 289   | 292   | 1   |
| SDY LIMESTONE     | 292   | 296   | 7   |
| LIMESTONE         | 296   | 297   |     |
| SHALE             | 297   | 354   | 7   |
| SAND & SHALE      | 354   | 387   | 7   |
| LIMESTONE         | 387   | 389   |     |
| SAND              | 389   | 417   |     |
| SAND & SHALE      | 417   | 459   |     |
| SHALE             | 459   | 519   |     |
| SAND & SHALE      | 519   | 526   |     |
| BLACK SHALE       | 526   | 530   |     |
| LIMESTONE         | 530   | 531   |     |
| SHALE             | 531   | 538   |     |
| LIMESTONE         | 538   | 540   |     |
| SHALE             | 540   | 554   |     |
| LENAPAH LIMESTONE | 554   | 556   |     |
| SHALE             | 556   | 558   |     |
| LIMESTONE         | 558   | 564   |     |
| OIL SAND          | 564   | 566   |     |
| SAND              | 566   | 568   |     |
| OIL SAND          | 568   | 579   |     |

19

6.5

|                    | 1 FLOAT S  | SHOE FLAN |  |  |  |
|--------------------|------------|-----------|--|--|--|
|                    | TOP BOTTOM |           |  |  |  |
| SHALE              | 579        | 581       |  |  |  |
| OIL SAND           | 581        | 586       |  |  |  |
| SHALE              | 586        | 613       |  |  |  |
| SAND & SHALE       | 613        | 631       |  |  |  |
| SHALE              | 631        | 634       |  |  |  |
| ALTAMONT LIMESTONE | 634        | 640 T.D.  |  |  |  |
|                    |            |           |  |  |  |
|                    |            |           |  |  |  |
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