

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form AG-1  
September 11  
Form Must Be Typ

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

ORIGINAL

Operator: License # 4476  
Name: Whiting Petroleum Corporation  
Address: 1700 Broadway, #2300, Two United Bank Center  
City/State/Zip: Denver, CO, 80202  
Purchaser: N/A  
Operator Contact Person: John Kellar  
Phone: (303) 837-1661  
Contractor: Name: Hurricane Well Service  
License: 32006  
Wellsite Geologist: Barry Gager

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:  
Operator: N/A  
Well Name: N/A

Original Comp. Date: N/A Original Total Depth: N/A  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back  
 Commingled Docket No. JUL 2 2 2003  
 Dual Completion Docket No. JUL 2 2 2003  
 Other (SWD or Enhr.?) Docket No. CONSERVATION DIVISION WICHITA, KS

|                                   |                 |   |
|-----------------------------------|-----------------|---|
| <u>4/06/03</u>                    | <u>4/10/03</u>  | <u>5/05/03</u>                          |
| Spud Date or<br>Recompletion Date | Date Reached TD | Completion Date or<br>Recompletion Date |

API No. 15 - 111-20415-00-00  
County: Lyon  
         NW NE Sec. 31 Twp. 21 S. R. 13  East  West  
697 feet from S (N) (circle one) Line of Section  
1947 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Luthi Well #: 31-31  
Field Name: Center

Producing Formation: Cherokee  
Elevation: Ground: 1,221' Kelly Bushing: N/A  
Total Depth: 2,134' Plug Back Total Depth: 2,076'  
Amount of Surface Pipe Set and Cemented at 205' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set N/A Feet  
If Alternate II completion, cement circulated from N/A  
feet depth to N/A w/ N/A ex on

Drilling Fluid Management Plan ALT I W M M  
(Data must be collected from the Reserve Pit) 2-9-07  
Chloride content <1,500 ppm Fluid volume 380 bbl  
Dewatering method used Evaporation, hauloff

Location of fluid disposal if hauled offsite:  
Operator Name: Curry Oil  
Lease Name: Curry #5, SWD License No.: 30776  
Quarter SE/4 Sec. 15 Twp. 22 S. R. 11  East  West  
County: Greenwood Docket No.: #D-26,554

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]  
Title: Agent, Whiting Petroleum Date: 7/18/03  
Subscribed and sworn to before me this 18th day of July  
2003  
[Signature]  
February 08, 2005

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received

X

CONFIDENTIAL

Side Two

ORIGINAL

Operator Name: Whiting Petroleum Corporation Lease Name: Luthi Well #: 31-31
Sec. 31 Twp. 21 S. R. 13 [X] East [ ] West County: Lyon

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

Drill Stem Tests Taken [ ] Yes [X] No
Samples Sent to Geological Survey [X] Yes [ ] No
Cores Taken [X] Yes [ ] No
Electric Log Run [X] Yes [ ] No
List All E. Logs Run:

Dual Induction Resistivity Log
Compensated-Neutron, PEL Density Micro Log

Table with 3 columns: Name, Formation (Top), Depth and Datum, Sample. Includes entries for Douglas Lime, Kansas City, Marmaton, Cherokee, and Mississippi with depths ranging from 559' to 1,981'.

CASING RECORD table with columns: Purpose of String, Size Hole Drilled, Size Casing Set, Weight Lbs. / Ft., Setting Depth, Type of Cement, # Sacs Used, Type and Percent Additives. Includes Surface and Production rows.

ADDITIONAL CEMENTING / SQUEEZE RECORD table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

PERFORATION RECORD - Bridge Plugs Set/Type table with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record, Depth. Includes 5 rows of perforation data.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run. Includes a note 'N/A'.

Date of First, Resumerd Production, SWD or Enhr. Producing Method table with options: Flowing, Pumping, Gas Lift, Other (Explain).

Estimated Production Per 24 Hours table with columns: Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity.

Disposition of Gas METHOD OF COMPLETION Production Interval table with options: Vented, Sold, Used on Lease, Open Hole, Perf., Dually Comp., Commingled.

CONFIDENTIAL

KCC

ORIGINAL



CONSOLIDATED OIL WELL SERVICES AN INFINITY COMPANY

JUL 17 2003

CONFIDENTIAL

TICKET NUMBER 20181

211 W. 14TH STREET, CHANUTE, KS 66720  
620-431-9210 OR 800-467-8676

LOCATION Chanute

FIELD TICKET

|  |                         |                          |         |               |           |           |                |           |
|--|-------------------------|--------------------------|---------|---------------|-----------|-----------|----------------|-----------|
| DATE<br>4-6-03   | CUSTOMER ACCT #<br>9107 | WELL NAME<br>Luthi 31-31 | QTR/QTR | SECTION<br>31 | TWP<br>21 | RGE<br>13 | COUNTY<br>2801 | FORMATION |
| CHARGE TO <u>Whiting Petroleum Corporation</u>                     |                         |                          |         | OWNER         |           |           |                |           |
| MAILING ADDRESS <u>1700 Broadway suit 2200 Two United Bank CTR</u> |                         |                          |         | OPERATOR      |           |           |                |           |
| CITY & STATE <u>Chanute CO 66702-2300</u>                          |                         |                          |         | CONTRACTOR    |           |           |                |           |

| ACCOUNT CODE   | QUANTITY or UNITS | DESCRIPTION OF SERVICES OR PRODUCT  | UNIT PRICE     | TOTAL AMOUNT               |
|--|-------------------|---|----------------|----------------------------|
| 5401   | one               | PUMP CHARGE <u>Cement pumper</u>  |                | 525 <sup>00</sup>          |
| 5404   | 3hrs              | Equipment stand   |                | 600 <sup>00</sup>          |
| 4111   | 3                 | 8 3/8 Centralizer   |                | 112 <sup>00</sup>          |
| 4178   | one               | 8 3/8 Cement Guide shoe   |                | 756 <sup>00</sup>          |
| <del>1107</del>  | <del>25 lbs</del> | <del>FD- seal</del>   |                | <del>37<sup>25</sup></del> |
| 1107   | 25 lbs            | FD- seal  |                | 37 <sup>25</sup>           |
| 1102   | 150 lbs           | CALCIUM CHLORIDE  |                | 102 <sup>00</sup>          |
| 1118   | 200 lbs           | PREMIUM GEL   |                | 23 <sup>60</sup>           |
| RECEIVED<br>KANSAS CORPORATION COMMISSION<br>JUL 22 2003<br>CONSERVATION DIVISION<br>WICHITA, KS |                   |   |                |                            |
| 5407   | 65                | BLENDED & HANDLING<br>TON-MILES<br>STAND BY TIME<br>MILEAGE<br>WATER TRANSPORTS<br>VACUUM TRUCKS<br>FRAC SAND |                | 247 <sup>00</sup>          |
| 1104   | 110 sacks         | CEMENT <u>Class A</u>   |                | 902 <sup>00</sup>          |
|  |                   |   | 7.7% SALES TAX | 111 <sup>00</sup>          |
| ESTIMATED TOTAL  |                   |   |                | 3077 <sup>82</sup>         |

Flavin 2780

CUSTOMER or AGENTS SIGNATURE

*Donald L. Hill*

CIS FOREMAN

*OTW D. Powers*

CUSTOMER or AGENT (PLEASE PRINT)

DATE

183371

CONFIDENTIAL

CONSOLIDATED OIL WELL SERVICES, INC.  
211 W. 14TH STREET, CHANUTE, KS 66720  
620-431-9210 OR 800-467-8676

KCC

JUL 17 2003

ORIGINAL

TICKET NUMBER 28980  
LOCATION Chanute  
FOREMAN OTTO Powers

CONFIDENTIAL  
TREATMENT REPORT

|   |                |                          |                |
|---|----------------|--------------------------|----------------|
| DATE<br>4-6-03  | CUSTOMER #     | WELL NAME<br>Luthi 31-21 | FORMATION      |
| SECTION<br>31   | TOWNSHIP<br>21 | RANGE<br>13              | COUNTY<br>Lyon |
| CUSTOMER<br>Whiting Petroleum Corporation                       |                |                          |                |
| MAILING ADDRESS<br>1700 Broadway Suite 2700 Two United Bank CTR |                |                          |                |
| CITY<br>Denver  |                |                          |                |
| STATE<br>CO   |                | ZIP CODE<br>80202-2300   |                |
| TIME ARRIVED ON LOCATION  |                |                          |                |

|   |                |         |        |
|---|----------------|---------|--------|
| TRUCK #<br>372 P.U.                       | DRIVER<br>OTTO | TRUCK # | DRIVER |
| 128 P.T.                                  | Craig          |         |        |
| 122 B.T.                                  | David          |         |        |
| RECEIVED<br>KANSAS CORPORATION COMMISSION |                |         |        |
| JUL 22 2003                               |                |         |        |
| CONSERVATION DIVISION<br>WICHITA, KS      |                |         |        |

TYPE OF TREATMENT

|  |   |
|--|---|
| <input checked="" type="checkbox"/> SURFACE PIPE | <input type="checkbox"/> ACID BREAKDOWN   |
| <input type="checkbox"/> PRODUCTION CASING       | <input type="checkbox"/> ACID STIMULATION |
| <input type="checkbox"/> SQUEEZE CEMENT          | <input type="checkbox"/> ACID SPOTTING    |
| <input type="checkbox"/> PLUG & ABANDON          | <input type="checkbox"/> FRAC             |
| <input type="checkbox"/> PLUG BACK               | <input type="checkbox"/> FRAC + NITROGEN  |
| <input type="checkbox"/> MISP. PUMP              | <input type="checkbox"/>                  |
| <input type="checkbox"/> OTHER                   | <input type="checkbox"/>                  |

PRESSURE LIMITATIONS

|                     |             |            |
|---------------------|-------------|------------|
|                     | THEORETICAL | INSTRUCTED |
| SURFACE PIPE        |             |            |
| ANNULUS LONG STRING |             |            |
| TUBING              |             |            |

WELL DATA

|                      |                  |
|----------------------|------------------|
| HOLE SIZE<br>12 1/4  | PACKER DEPTH     |
| TOTAL DEPTH<br>206'  | PERFORATIONS     |
|                      | SHOTS/FT         |
| CASING SIZE<br>8 5/8 | OPEN HOLE        |
| CASING DEPTH<br>205' |                  |
| CASING WEIGHT        | TUBING SIZE      |
| CASING CONDITION     | TUBING DEPTH     |
|                      | TUBING WEIGHT    |
|                      | TUBING CONDITION |
| TREATMENT VIA        |                  |

4 1/2" old 1.35 weight 14.8  
INSTRUCTION PRIOR TO JOB

Establish circulation pumped 10 bbl water, then mix + pumped 6 bbl dye marker  
110 sbs class cement + cal chloride gel to Fr seal disp. with 12 bbl water shut in.

AUTHORIZATION TO PROCEED

*Don L. Hill*

TITLE

DATE

| TIME AM / PM | STAGE | BBL'S PUMPED | INJ RATE | PROPPANT PPG | SAND / STAGE | PSI |                    |
|--------------|-------|--------------|----------|--------------|--------------|-----|--------------------|
|              |       |              |          |              |              |     | BREAKDOWN PRESSURE |
|              |       |              |          |              |              |     | DISPLACEMENT       |
|              |       |              |          |              |              |     | MIX PRESSURE       |
|              |       |              |          |              |              |     | MIN PRESSURE       |
|              |       |              |          |              |              |     | ISIP               |
|              |       |              |          |              |              |     | 15 MIN.            |
|              |       |              |          |              |              |     | MAX RATE           |
|              |       |              |          |              |              |     | MIN RATE           |
|              |       |              |          |              |              |     |                    |
|              |       |              |          |              |              |     |                    |

CONFIDENTIAL

ORIGINAL



CONSOLIDATED  
OIL WELL  
SERVICES  
AN INFINITY COMPANY

211 W. 14TH STREET, CHANUTE, KS 66720  
620-431-9210 OR 800-467-8676

KCC  
JUL 17 2003

TICKET NUMBER 20169  
LOCATION Chanute

FIELD TICKET ~~CONFIDENTIAL~~

|   |                         |                          |         |               |           |           |                |           |
|---|-------------------------|--------------------------|---------|---------------|-----------|-----------|----------------|-----------|
| DATE<br>4-1-03  | CUSTOMER ACCT #<br>9107 | WELL NAME<br>Luthi 31-31 | QTR/QTR | SECTION<br>31 | TWP<br>21 | RGE<br>13 | COUNTY<br>Lyon | FORMATION |
| CHARGE TO<br>Whiting Petroleum corporation                      |                         |                          |         | OWNER         |           |           |                |           |
| MAILING ADDRESS<br>1700 Broadway suit 220, Two United Bank Bldg |                         |                          |         | OPERATOR      |           |           |                |           |
| CITY & STATE<br>Denver CO 80202-2300                            |                         |                          |         | CONTRACTOR    |           |           |                |           |

| ACCOUNT CODE   | QUANTITY or UNITS | DESCRIPTION OF SERVICES OR PRODUCT  | UNIT PRICE     | TOTAL AMOUNT                                    |
|--|-------------------|---|----------------|---|
| 5401   | 1                 | PUMP CHARGE cement Pumper   |                | 525 <sup>00</sup>                               |
| 5402   | 2130'             | Casing Footage  |                | N/C   |
| 4405   | ONE               | 5/2 Rubber Plug   |                | <del>825<sup>00</sup></del><br>37 <sup>00</sup> |
| 4109   | 10                | 5/2 Centralizer   |                | 270 <sup>00</sup>                               |
| 4136   | ONE               | 5/2 Float collar  |                | 215 <sup>00</sup>                               |
| 4143   | ONE               | 5/2 Guide Shoe  |                | 102 <sup>00</sup>                               |
| RECEIVED<br>KANSAS CORPORATION COMMISSION<br>JUL 22 2003<br>CONSERVATION DIVISION<br>WICHITA, KS |                   |   |                |   |
| 5407   | 65                | BLENDED & HANDLING<br>TON-MILES<br>STAND BY TIME<br>MILEAGE<br>WATER TRANSPORTS<br>VACUUM TRUCKS<br>FRAC SAND |                | 247 <sup>00</sup>                               |
| 1126   | 125 445           | CEMENT OWC  |                | 1375 <sup>00</sup>                              |
|  |                   |   | 7.3% SALES TAX | 145 <sup>96</sup>                               |
| ESTIMATED TOTAL  |                   |   |                | 2917 <sup>46</sup>                              |

Ravin 2790

CUSTOMER or AGENTS SIGNATURE David L. Hill CIS FOREMAN Otto D. Powers

CUSTOMER or AGENT (PLEASE PRINT) \_\_\_\_\_ DATE \_\_\_\_\_

183473

