

10/1/09

Form ACO-1  
September 1999  
Form Must Be Typed

ORIGINAL

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33365  
 Name: Layne Energy Operating, LLC  
 Address: 1900 Shawnee Mission Parkway  
 City/State/Zip: Mission Woods, KS 66205  
 Purchaser: \_\_\_\_\_  
 Operator Contact Person: M. Brent Natrass  
 Phone: (913) 748-3960  
 Contractor: Name: Thornton Air Rotary  
 License: 33606  
 Wellsite Geologist: \_\_\_\_\_  
 Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SIOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, etc)  
 If Workover/Re-entry: Old Well Info as follows:  
 Operator: \_\_\_\_\_  
 Well Name: \_\_\_\_\_  
 Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to Enhr./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_  

|                   |                 |                    |
|-------------------|-----------------|--------------------|
| <u>6/6/2007</u>   | <u>6/8/2007</u> | <u>Pending</u>     |
| Spud Date or      | Date Reached TD | Completion Date or |
| Recompletion Date |                 | Recompletion Date  |

API No. 15 - 205-27207-00-00  
 County: Wilson  
 \_\_\_\_\_ NW NW Sec. 29 Twp. 30 S. R. 14  East  West  
787 feet from S /  (circle one) Line of Section  
631 feet from E /  (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE  SW  
 Lease Name: Papon Well #: 4-29  
 Field Name: Cherokee Basin Coal Area  
 Producing Formation: Cherokee Coals  
 Elevation: Ground: 967' Kelly Bushing: \_\_\_\_\_  
 Total Depth: 1522' Plug Back Total Depth: 1519'  
 Amount of Surface Pipe Set and Cemented at 43 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 1519  
 feet depth to Surface w/ 160 sx cmt.

**Drilling Fluid Management Plan** ATTN: 3-23-09  
 (Data must be collected from the Reserve Pit)  
 Chloride content N/A ppm Fluid volume \_\_\_\_\_ bbls  
 Dewatering method used N/A - Air Drilled  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: \_\_\_\_\_  
 Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
 County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

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

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

Signature: MB Natrass  
 Title: Agent Date: 10/1/07  
 Subscribed and sworn to before me this 1 day of October  
20 07  
 Notary Public: Maclaughlin Darling  
 Date Commission Expires: 1-4-2009

**KCC Office Use ONLY**

Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 IUC Distribution

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 KANSAS CORPORATION COMMISSION  
**OCT 02 2007**

**MACLAUGHLIN DARLING**  
 Notary Public - State of Kansas  
 My Appt. Expires 1-4-2009

CONSERVATION DIVISION  
 WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Papon Well #: 4-29  
 Sec. 29 Twp. 30 S. R. 14  East  West County: Wilson

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

|   |   |       |     |       |             |        |     |               |         |      |         |         |      |              |         |      |               |         |      |
|---|---|-------|-----|-------|-------------|--------|-----|---------------|---------|------|---------|---------|------|--------------|---------|------|---------------|---------|------|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><i>(Attach Additional Sheets)</i><br><br>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(Submit Copy)</i><br><br>List All E. Logs Run:<br><br>Compensated Density Neutron<br>Dual Induction | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br><table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>995 GL</td> <td>-28</td> </tr> <tr> <td>Excello Shale</td> <td>1100 GL</td> <td>-133</td> </tr> <tr> <td>V Shale</td> <td>1172 GL</td> <td>-205</td> </tr> <tr> <td>Mineral Coal</td> <td>1214 GL</td> <td>-247</td> </tr> <tr> <td>Mississippian</td> <td>1416 GL</td> <td>-449</td> </tr> </table> | Name  | Top | Datum | Pawnee Lime | 995 GL | -28 | Excello Shale | 1100 GL | -133 | V Shale | 1172 GL | -205 | Mineral Coal | 1214 GL | -247 | Mississippian | 1416 GL | -449 |
| Name  | Top   | Datum |     |       |             |        |     |               |         |      |         |         |      |              |         |      |               |         |      |
| Pawnee Lime   | 995 GL  | -28   |     |       |             |        |     |               |         |      |         |         |      |              |         |      |               |         |      |
| Excello Shale   | 1100 GL   | -133  |     |       |             |        |     |               |         |      |         |         |      |              |         |      |               |         |      |
| V Shale   | 1172 GL   | -205  |     |       |             |        |     |               |         |      |         |         |      |              |         |      |               |         |      |
| Mineral Coal  | 1214 GL   | -247  |     |       |             |        |     |               |         |      |         |         |      |              |         |      |               |         |      |
| Mississippian   | 1416 GL   | -449  |     |       |             |        |     |               |         |      |         |         |      |              |         |      |               |         |      |

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| 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 | # Sacjs Used | Type and Percent Additives |
| Surface   | 11"               | 8.625"                    | 24                | 43'           | Class A        | 10           | Type 1 cement              |
| Casing  | 6.75"             | 4.5"                      | 10.5              | 1519'         | Thick Set      | 160          | #10 KOL seal @ sx          |
|   |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD  |                  |                |             |                            |
|--|------------------|----------------|-------------|----------------------------|
| Purpose:   | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate<br><input type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><input type="checkbox"/> 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><i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
|                | SI-waiting on completion  |  |       |
|                |   |  |       |
|                |   |  |       |
|                |   |  |       |

| TUBING RECORD | Size | Set At | Packer At | Liner Run   |
|---------------|------|--------|-----------|---|
|               |      |        |           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

| Date of First, Resumerd Production, SWD or Enhr. | Producing Method   |
|--|--|
| SI - waiting on pipeline                         | <input type="checkbox"/> Flowing <input 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 |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
|                                   |           |         |             |               |         |

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

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# Daily Well Work Report

PAPON 4-29  
6/8/2007

**Well Location:**  
WILSON KS  
30S-14E-29 NW NW  
787FNL / 631FWL

**Cost Center** G01053800100  
**Lease Number** G010538  
**Property Code** KSSY30S14E2904  
**API Number** 15-205-27207

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| Spud Date | RDMO Date | First Compl | First Prod | EFM Install | CygnnetID |
|-----------|-----------|-------------|------------|-------------|-----------|
| 6/6/2007  | 6/8/2007  |             |            |             |           |

  

| TD   | PBTD | Sf Csg Depth | Pr Csg Depth | Tbg Size | Csg Size |
|------|------|--------------|--------------|----------|----------|
| 1522 | 1519 | 43           | 1519         | 0        | 0        |

  

|   |                   |                            |
|---|-------------------|----------------------------|
| <b>Reported By</b> krd                                | <b>Rig Number</b> | <b>Date</b> 6/6/2007       |
| <b>Taken By</b> krd                                   |                   | <b>Down Time</b>           |
| <b>Present Operation</b> Drill out from under surface |                   | <b>Contractor</b> Thornton |

## Narrative

MIRU Thornton Drilling, drilled 11' hole, 43' deep, rih w/2jt 8-5/8" surface casing. Mixed 10 sxs type 1 cement, dumped dn the back side. SDFN.  
40' surf. 2 joints DWC: \$3,160

Tuesday, September 25, 2007

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CONSERVATION DIVISION

# GEOLOGIC REPORT

LAYNE ENERGY  
Papon 4-29  
NW NW, 787 FNL, 631 FWL  
Section 29-T30S-R14E  
Wilson County, KS

Spud Date: 6/6/2007  
Drilling Completed: 6/8/2007  
Logged: 6/8/2007  
A.P.I. #: 15205272070000  
Ground Elevation: 967'  
Depth Driller: 1522'  
Depth Logger: 1521'  
Surface Casing: 8.625 inches at 43'  
Production Casing: 4.5 inches at 1519'  
Cemented Job: 0  
Open Hole Logs: Dual Induction SFL/GR, High Resolution  
Compensated Density/Neutron

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| <b>Formation</b> | <b>Tops</b>                     |                 |
|------------------|---------------------------------|-----------------|
|                  | <b>(below ground)</b>           | <b>(subsea)</b> |
|                  | Surface (Stranger<br>Formation) | 967             |
| Douglas Group    |                                 |                 |
| Pawnee Limestone | 995                             | -28             |
| Excello Shale    | 1,100                           | -133            |
| "V" Shale        | 1,172                           | -205            |
| Mineral Coal     | 1,214                           | -247            |
| Mississippian    | 1,416                           | -449            |

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WICHITA, KS

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

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 TREATMENT REPORT & FIELD TICKET  
 CEMENT

TICKET NUMBER 17483  
 LOCATION EUREKA  
 FOREMAN RICK LEONARD  
 15-205-27207

| DATE                                      | CUSTOMER # | WELL NAME & NUMBER | SECTION                       | TOWNSHIP | RANGE | COUNTY |
|---|------------|--------------------|-------------------------------|----------|-------|--------|
| 6-11-07                                   | 4758       | PAPER 4-29         |                               |          |       | Wilson |
| CUSTOMER<br><u>Layne Energy</u>           |            |                    | TRUCK # DRIVER TRUCK # DRIVER |          |       |        |
| MAILING ADDRESS<br><u>P.O. Box 160</u>    |            |                    | 463 Kyle                      |          |       |        |
| CITY STATE ZIP CODE<br><u>Sycamore KS</u> |            |                    | 515 Colin                     |          |       |        |
|   |            |                    | 437 Jim                       |          |       |        |

JOB TYPE long string HOLE SIZE 6 3/4" HOLE DEPTH 1522' CASING SIZE & WEIGHT 4 1/2" 10.5"  
 CASING DEPTH 1519' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.2<sup>ppg</sup> SLURRY VOL. 50 Bbl WATER gal/sk 8.0 CEMENT LEFT in CASING 0'  
 DISPLACEMENT 24.6 Bbl DISPLACEMENT PSI 800 <sup>Pump</sup> PSI 1300 RATE \_\_\_\_\_

REMARKS: Safety meeting. Rig up to 4 1/2" casing. Break circulation w/ 35 Bbl fresh water. Pump 6 sks gel-flush, 20 Bbl water spacer, 1 sk metasilicate pre-flush, 15 Bbl dye water. Mixed 160 sks thickset cement w/ 10# Kol-seal <sup>10#</sup> @ 13.2<sup>ppg</sup> washout pump + lines. shut down release plug. Displace w/ 24.6 Bbl fresh water. Final pump pressure 800 PSI. Bump plug to 1300 PSI. wait 2 mins release pressure, float held. Good cement returns to surface = 8 Bbl slurry to pit. Job complete. Rig down.

"Thank You"

| ACCOUNT CODE                              | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE           | TOTAL   |
|---|-------------------|------------------------------------|----------------------|---------|
| 5401                                      | 1                 | PUMP CHARGE                        | 840.00               | 840.00  |
| 5406                                      | 40                | MILEAGE                            | 3.30                 | 132.00  |
| 1126A                                     | 160 sks           | thickset cement                    | 15.40                | 2464.00 |
| 1118A                                     | 1600 #            | Kol-seal 10# <sup>10#</sup>        | .38                  | 608.00  |
| 1118A                                     | 300 #             | gel-flush                          | .15                  | 45.00   |
| 1111A                                     | 50 #              | metasilicate pre-flush             | 1.65                 | 82.50   |
| 5407A                                     | 8.8               | ten-mileage bulk truck             | 1.10                 | 397.20  |
| 5502C                                     | 3 hrs             | 80 Bbl UAC. TRK                    | 90.00                | 270.00  |
| 1123                                      | 3000 gals         | city water                         | 12.80 <sup>ppg</sup> | 38.40   |
| 4404                                      | 1                 | 4 1/2" top rubber plug             | 40.00                | 40.00   |
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|   |                   |                                    | Subtotal             | 4907.10 |
|   |                   |                                    | SALES TAX            | 206.51  |
|   |                   |                                    | ESTIMATED TOTAL      | 5113.61 |

Conservation called by Muggs

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

17618