

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

8/20/10

Operator: License # 33365
Name: Layne Energy Operating, LLC
Address: 1900 Shawnee Mission Parkway
City/State/Zip: Mission Woods, KS 66205
Purchaser: _____
Operator Contact Person: Timothy H. Wright
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. _____

5/15/2008 5/19/2008 Pending
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 205-27536-00-00

County: Wilson

N2 NE NW Sec. 15 Twp. 30 S. R. 15 East West
441 feet from S / (circle one) Line of Section

2129 feet from E / (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE (NW) SW

Lease Name: West Well #: 3-15

Field Name: Cherokee Basin Coal Area

Producing Formation: Cherokee Coals

Elevation: Ground: 993' Kelly Bushing: _____

Total Depth: 1305' Plug Back Total Depth: 1303'

Amount of Surface Pipe Set and Cemented at 42 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1303

feet depth to Surface w/ 185 sx cmf.

Drilling Fluid Management Plan ALT INH 10-8-08
(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: _____

Title: Agent Date: 8/20/2008

Subscribed and sworn to before me this 20 day of August

08

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
RECEIVED
KANSAS CORPORATION COMMISSION
AUG 21 2008

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: West Well #: 3-15
 Sec. 15 Twp. 30 S. R. 15 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 <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Compensated Density Neutron Dual Induction | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>853 GL</td> <td>140</td> </tr> <tr> <td>Excello Shale</td> <td>952 GL</td> <td>41</td> </tr> <tr> <td>V-Shale</td> <td>1026 GL</td> <td>-33</td> </tr> <tr> <td>Mineral Coal</td> <td>1067 GL</td> <td>-74</td> </tr> <tr> <td>Mississippian</td> <td>1296 GL</td> <td>-303</td> </tr> </table> | Name | Top | Datum | Pawnee Lime | 853 GL | 140 | Excello Shale | 952 GL | 41 | V-Shale | 1026 GL | -33 | Mineral Coal | 1067 GL | -74 | Mississippian | 1296 GL | -303 |
| Name | Top | Datum | | | | | | | | | | | | | | | | | |
| Pawnee Lime | 853 GL | 140 | | | | | | | | | | | | | | | | | |
| Excello Shale | 952 GL | 41 | | | | | | | | | | | | | | | | | |
| V-Shale | 1026 GL | -33 | | | | | | | | | | | | | | | | | |
| Mineral Coal | 1067 GL | -74 | | | | | | | | | | | | | | | | | |
| Mississippian | 1296 GL | -303 | | | | | | | | | | | | | | | | | |

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| KCC 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 | # Sacs Used | Type and Percent Additives |
| Surface | 11" | 8.625" | 24 | 42' | Class A | 8 | Type 1 cement |
| Casing | 6.75" | 4.5" | 10.5 | 1303' | Thick Set | 185 | 50/50 posmix w/2% gel |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|--|------------------|----------------|-------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i> |
|----------------|---|--|
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| | | | | |
|--|-----------|--|-------------|---|
| 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 | | |
| Shut-In | | <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 |
| | 0 | | 0 | |

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled _____
 Other (Specify) _____

GEOLOGIC REPORT

LAYNE ENERGY
West 3-15
NE NW, 441 FNL, 2129 FWL
Section 15-T30S-R15E
Wilson County, KS

Spud Date: 5/15/2008
Drilling Completed: 5/19/2008
Logged: 5/19/2008
A.P.I. #: 15205275360000
Ground Elevation: 993'
Depth Driller: 1305'
Depth Logger: 1307'
Surface Casing: 8.625 inches at 41'
Production Casing: 4.5 inches at 1303'
Cemented Job: 0
Open Hole Logs: Dual Induction SFL/GR, Litho Density /
Neutron Logs

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KCC

| Formation | Tops | |
|------------------|------------------|----------|
| | (below ground) | (subsea) |
| | Surface (Stanton | |
| Lansing Group | Limestone) | 993 |
| Pawnee Limestone | 853 | 140 |
| Excello Shale | 952 | 41 |
| "V" Shale | 1,026 | -33 |
| Mineral Coal | 1,067 | -74 |
| Mississippian | 1,296 | -303 |

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CONSERVATION DIVISION
WICHITA, KS

Daily Well Work Report

WEST 3-15
5/19/2008

Well Location:
WILSON KS
30S-15E-15 N2 NE NW
441FNL / 2129FWL

Cost Center C01024800100
Lease Number C010248
Property Code KSCV30S15E1503
API Number 15-205-27536

Spud Date 5/15/2008 **RDMO Date** 5/19/2008 **First Compl** **First Prod** **EFM Install** **CygnnetID**

TD 1305 **PBTD** 1303 **Sf Csg Depth** 41 **Pr Csg Depth** 1303 **Tbg Size** **Csg Size**

Reported By KRD

Rig Number

Date

5/15/2008

Taken By KRD

Down Time

Present Operation DRILL OUT SURFACE

Contractor

THORNTON

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Narrative

MIRU THORNTON DRILLING, DRILLED 11" HOLE, 42' DEEP, RIH W/ 1 JT 8 5/8" SURFACE CASING, MIXED 8 SX TYPE 1 CEMENT, DUMPED DOWN THE BACKSIDE. SDFN.
DWC:\$3160

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CONSERVATION DIVISION
WICHITA, KS

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

UC **ENTERED**

TICKET NUMBER 14046
 LOCATION EUREKA
 FOREMAN RICK LEONARD

**TREATMENT REPORT & FIELD TICKET
 CEMENT**

| DATE | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
|--|--------------------|--------------------|-----------------------|--------------------------|---------|--------|
| 5-20-08 | 4758 | West 3-15 | | | | Wilson |
| CUSTOMER <u>Layne Energy</u> | | | GUS Jones | | | |
| MAILING ADDRESS <u>P.O. Box 160</u> | | | | | | |
| CITY <u>Sycamore</u> | STATE <u>KS</u> | ZIP CODE | TRUCK # <u>463</u> | DRIVER <u>Shannon</u> | TRUCK # | DRIVER |
| | | | <u>439</u> | <u>Chris</u> | | |

JOB TYPE log string HOLE SIZE 6 3/4" HOLE DEPTH 1305' CASING SIZE & WEIGHT 4 1/2" 10.5"
 CASING DEPTH 1303' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.9" SLURRY VOL 46 Bbl WATER gal/sk 6' CEMENT LEFT in CASING 0'
 DISPLACEMENT 20 3/4 Bbl DISPLACEMENT PSI 600 PSI 1000 RATE _____

REMARKS: Safety meeting- Rig up to 4 1/2" casing. Break circulation w/ 25 Bbl fresh water. Pump 6 sks gel-flush w/ bulls, 20 Bbl water spacer, 5 Bbl dye water. Mixed 185 sks 50/50 Permox cement w/ 270 gal, 270 cacl2, 4# Kal-seal, 3# cal-seal, 1/8" flocc #1, 1/2" FL-110 + 1/4" CAF-38 @ 13.9" yield 1.40. Washout pump + lines. shut down base plug. Displace w/ 20 3/4 Bbl fresh water. Final pump pressure 600 PSI. Pump plug to 1000 PSI. wait 2 minutes release pressure, float held. Good cement returns to surface = 2 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 | 875.00 | 875.00 |
| 5406 | 40 | MILEAGE | 3.45 | 138.00 |
| 1124 | 185 sks | 50/50 Permox cement | 9.30 | 1720.50 |
| 1118A | 320 # | 270 gal | .16 | 51.20 |
| 1102 | 320 # | 270 cacl2 | .70 | 224.00 |
| 1107A | 740 # | 4# Kal-seal #1/sk | .40 | 296.00 |
| 1101 | 555 # | 3# cal-seal #1/sk | .35 | 194.25 |
| 1102 | 23 # | 1/8" flocc #1/sk | 1.98 | 45.54 |
| 1135 | 80 # | 1/2" FL-110 | 7.15 | 572.00 |
| 1146 | 40 # | 1/4" CAF-38 | 7.30 | 292.00 |
| 1118A | 300 # | gel-flush | .16 | 48.00 |
| 1105 | 50 # | bulls | .37 | 18.50 |
| 5407A | 7.96 | tan-mileage bulk tax | 1.14 | 362.98 |
| 4404 | 1 | 4 1/2" top rubber plug | 42.00 | 42.00 |
| 5605A | 4 hrs | Welder | 85.00 | 340.00 |
| 4311 | 1 | 4 1/2" Weld on collar | 60.00 | 60.00 |
| | | | Subtotal | 5279.97 |
| | | | 6.3% SALES TAX | 224.55 |
| | | | ESTIMATED TOTAL | 5504.52 |

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 WICHITA, KS

200154

AUTHORIZATION [Signature] TITLE _____ DATE _____