

CONFIDENTIAL

*km
5/28/09*

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

5/04/11

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: _____

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Designate Type of Completion: **KCC**
 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. _____

| | | |
|-----------------------------------|-----------------|---|
| 1/12/2009 | 1/13/2009 | Pending |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 205-27743-00-00
County: Wilson
N/2 SW SE Sec. 8 Twp. 30 S. R. 16 East West
833 feet from N (circle one) Line of Section
2035 feet from W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Hare Well #: 15-8
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 788' Kelly Bushing: _____
Total Depth: 1130' Plug Back Total Depth: 1118'
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 1118
feet depth to Surface w/ 115- sx cnt.
AITZ-Dlg - 6/14/09

Drilling Fluid Management Plan
(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: Project Engineer Date: 4/30/09
Subscribed and sworn to before me this 30 day of April
20 09
Notary Public: MacLaughlin Darling
Date Commission Expires: 1-4-2013

MACLAUGHLIN DARLING
Notary Public - State of Kansas
My Appt. Expires 1-4-2013

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
KANSAS CORPORATION COMMISSION
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Operator Name: Layne Energy Operating, LLC Lease Name: Hare Well #: 15-8
 Sec. 8 Twp. 30 S. R. 16 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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

Compensated Density Neutron
 Dual Induction

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Log Formation (Top), Depth and Datum Sample

| Name | Top | Datum |
|---------------|---------|-------|
| Pawnee Lime | 507 GL | 281 |
| Excello Shale | 636 GL | 152 |
| V-Shale | 703 GL | 85 |
| Mineral Coal | 739 GL | 49 |
| Mississippian | 1039 GL | -251 |

| 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 | # Sacjs Used | Type and Percent Additives |
| Surface | 11" | 8.625" | 24 | 42' | Class A | 40 | Type 1 cement |
| Casing | 6.75" | 4.5" | 10.5 | 1118' | Thick Set | 115 | 8 lbs KOL seal |

| 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 (Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| | | | |
| | | | |
| | | | |
| | | | |

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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 | | | |
|--|----------------------------------|----------------------------------|-----------------------------------|--|
| Pending | <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 | 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) _____

Production Interval _____

Layne Energy, Inc.

1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205 Phone: (913) 748-3987 Fax: (913) 748-3950

May 4, 2009

Mr. Steve Bond
Kansas Corporation Commission
Oil & Gas Conservation Division
130 S. Market, Room 2078
Wichita, KS 67202

KANSAS CORPORATION COMMISSION

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Re: Well Completion Form

Dear Mr. Bond:

I have enclosed the ACO-1 form and associated data for the following well:

API # 15-205-27743-00-00
Hare 15-8

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KCC

We respectfully request that all information submitted be kept confidential. Per provision E-4 of K.A. R. 82-3-107, we request that the term of the confidentiality be extended by one year.

If you need additional information, please contact me at (913) 748-3960.

Sincerely,

MacLaughlin Darling

MacLaughlin Darling
Engineering Technician

Enclosures



*W
27
6/08/09*

GEOLOGIC REPORT

LAYNE ENERGY

Hare 15-8

N2

NW SW SE, 833 FSL, 2,035 FEL

Section 8-T30S-R16E

Wilson County, KS

Spud Date: 1/12/2009
 Drilling Completed: 1/13/2009
 Logged: 1/13/2009
 A.P.I. #: 15205277430000
 Ground Elevation: 788
 Depth Driller: 1,130
 Depth Logger: 1,132
 Surface Casing: 8.625 inches at 42'
 Production Casing: 4.5 inches at 1,118'
 Cemented Job:
 Open Hole Logs:

High Resolution Compensated Density Sidewall
 Neutron Log; Dual Induction LL3/GR Log

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Formation KCC

| | Tops | |
|-------------------|----------------|----------|
| | (below ground) | (subsea) |
| Surface (Iola | | |
| Limestone) | | 788 |
| Kansas City Group | | |
| Pawnee Limestone | 507 | 281 |
| Excello Shale | 636 | 152 |
| "V" Shale | 703 | 85 |
| Mineral Coal | 739 | 49 |
| Mississippian | 1,039 | -251 |

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Daily Well Work Report

HARE 15-8
1/12/2009

Well Location:
WILSON KS
30S-16E-8 SW SE
833FSL / 2035FEL

Cost Center C01027000100
Lease Number C010270
Property Code KSCV30S16E0815
API Number 15-205-27743

Spud Date 1/12/2009 RDMO Date 1/13/2009 First Compl First Prod EFM Install CygnetID

| TD | PBTD | Sf Csg Depth | Pr Csg Depth | Tbg Size | Csg Size |
|------|------|--------------|--------------|----------|----------|
| 1130 | 1118 | 42 | 1118 | 0 | 0 |

Reported By KRD Rig Number Date 1/12/2009
Taken By KRD Down Time
Present Operation DRILL OUT SURFACE Contractor THORNTON

Narrative

MIRU THORNTON DRILLING, DRILLED 11" HOLE, 42' DEEP, RIH W/2 JT 8 5/8" SURFACE CASING, MIRU CONSOLIDATED, BREAK CIRCULATION W/FRESH WATER, MIX 40 SKS CLASS "A" CEMENT W/2% CALCZ, 2% GEL @ 15#/GAL. DISPLACE W/2 BBLs WATER. SHUT CASING IN. GOOD CEMENT TO SURFACE.
DWC:\$4500

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CONSOLIDATED
Oil Well Services, L.L.C.



ENTERED

TICKET NUMBER 20731
LOCATION Eureka
FOREMAN Troy Strickler

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

FIELD TICKET & TREATMENT REPORT
CEMENT

| DATE | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
|--|------------|--------------------|------------|--------------|---------|--------|
| 1-12-09 | 4758 | Harc 15-8 | | | | Wilson |
| CUSTOMER <u>Layne Energy</u> | | | TRUCK # | DRIVER | TRUCK # | DRIVER |
| MAILING ADDRESS <u>P.O. Box 160</u> | | | <u>520</u> | <u>Cliff</u> | | |
| CITY <u>Sycamore</u> | | | <u>439</u> | <u>Calin</u> | | |
| STATE <u>Ks</u> | | ZIP CODE | | | | |

JOB TYPE S/P HOLE SIZE 11" HOLE DEPTH 44' CASING SIZE & WEIGHT 8 3/4"
CASING DEPTH 43' DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 15# SLURRY VOL 9.6BW WATER gal/sk 6.5" CEMENT LEFT in CASING 10'
DISPLACEMENT 284 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting: Rig up to 8 3/4' Casing. Break Circulation w/ water.
Mixed 40sks Class A Cement w/ 2% Cack, 2% Gel @ 15#/gal. Displace
w/ 2841 water. Shut casing in w/ Good Cement to surface.
Job Complete.

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| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|-------------------------------|-------------------|------------------------------------|-----------------|---------|
| 5401.5 | 1 | PUMP CHARGE | 725.00 | 725.00 |
| 5406 | 40 | MILEAGE | 3.65 | 146.00 |
| 1104S | 40sks | Class A Cement | 13.50 | 540.00 |
| 1102 | 75# | Cack 2% | .75# | 56.25 |
| 1118A | 75# | Gel 2% | .17# | 12.75 |
| 5407 | | Ton-Mileage | m/c | 315.00 |
| KANSAS CORPORATION COMMISSION | | | | |
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| | | | Sub Total | 1795.00 |
| | | | 6.32 SALES TAX | 38.36 |
| | | | ESTIMATED TOTAL | 1833.36 |

Revin 3737

207319

AUTHORIZATION _____ TITLE _____ DATE _____



ENTERED

TICKET NUMBER 20761
LOCATION EUREKA
FOREMAN Rick Ledford

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

FIELD TICKET & TREATMENT REPORT
CEMENT

| DATE | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
|-----------------|------------|--------------------|-----------|----------|-------|--------|
| 1-14-09 | 4758 | Hole 15-8 | | | | Wilson |
| CUSTOMER | | | G.S Jones | | | |
| Lance Energy | | | | | | |
| MAILING ADDRESS | | | TRUCK # | | | |
| P.O. Box 100 | | | DRIVER | | | |
| CITY | | | TRUCK # | | | |
| STATE | | | DRIVER | | | |
| ZIP CODE | | | | | | |
| Sycamore | | | | | | |
| KS | | | | | | |

JOB TYPE long string HOLE SIZE 6 3/4" HOLE DEPTH 1130' CASING SIZE & WEIGHT 4 1/2"
 CASING DEPTH 1118' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.4" SLURRY VOL 36 BW WATER gal/sk 8.0 CEMENT LEFT in CASING 0'
 DISPLACEMENT 12 3/4 BW DISPLACEMENT PSI 500 PSI 900 RATE _____

REMARKS: Safety meeting. Rig up to 4 1/2" casing. Break circulation w/ 45 Bbl fresh water. Pump 10 sacks gel-flush w/ bulls. 2 Bbl water spacer. Mixed 115 sacks thickset cement w/ 8" Kol-soal ^{1/2"}, 7 1/2" phoscon ^{1/2"}, 1/2" 70 FR-10 + 1/4" 30 CAF-32 @ 45'.
Washbit pop + loss, shut down, release plug. Displace w/ 12 3/4 Bbl fresh water. Final pump pressure 1500 PSE. Bump plug to 900 PSE. wait 2 minutes release pressure. Start cement. Good cement returns to surface - 2 Bbl slurry to pit. Job complete. Rig down.

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KCC "Thank You"

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|--------------|-------------------|------------------------------------|-----------------|---------|
| 5401 | 1 | PUMP CHARGE | 925.00 | 925.00 |
| 5406 | 40 | MILEAGE | 3.05 | 122.00 |
| 1126A | 115 SACS | thickset cement | 17.00 | 1955.00 |
| 1110A | 920" | 8" Kol-soal ^{1/2"} | .42 | 388.40 |
| 1107A | 14" | 7 1/2" phoscon ^{1/2"} | 1.15 | 16.10 |
| 1135 | 58" | 1/2" 70 FR-10 | 7.50 | 435.00 |
| 1146 | 29" | 1/4" 30 CAF-32 | 7.70 | 223.30 |
| 1118A | 500" | gel-flush | .17 | 85.00 |
| 1105 | 50" | bulls | .37 | 19.50 |
| 5402 | 6.35 | ten-mileage bulk tax | ~1/2 | 315.00 |
| 4404 | 1 | 4 1/2" top rubber plug | 45.00 | 45.00 |
| | | | Subtotal | 4651.30 |
| | | | 6.32 SALES TAX | 199.48 |
| | | | ESTIMATED TOTAL | 4750.78 |

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AUTHORIZATION called by Mugga TITLE Co. Mgr DATE _____

228404

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