

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

2/23/11

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: 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. Abn.
 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>11/26/2008</u> | <u>12/2/2008</u> | <u>2/25/2009</u> |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 125-31821-00-00 AMENDED

County: Montgomery

____ NW ____ SW Sec. 25 Twp. 32 S. R. 13 East West

2266 feet from N (circle one) Line of Section

394 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Culp Well #: 12-25

Field Name: Cherokee Basin Coal Area

Producing Formation: Cherokee Coals

Elevation: Ground: 953' Kelly Bushing: _____

Total Depth: 1625' Plug Back Total Depth: 1591'

Amount of Surface Pipe Set and Cemented at 21 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1591

feet depth to Surface w/ 190 sx cmt.

Drilling Fluid Management Plan ATTN: 7-1009
(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: 5/21/09

Subscribed and sworn to before me this 21 day of May

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

Y Letter of Confidentiality Attached

If Denied, Yes Date: _____

____ Wireline Log Received

____ Geologist Report Received

____ Distribution

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Operator Name: Layne Energy Operating, LLC Lease Name: Culp Well #: 12-25
 Sec. 25 Twp. 32 S. R. 13 East West County: Montgomery

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

| Name | Top | Datum |
|---------------|---------|-------|
| Pawnee Lime | 1076 GL | -123 |
| Excello Shale | 1217 GL | -264 |
| V-Shale | 1263 GL | -310 |
| Mineral Coal | 1308 GL | -355 |
| Mississippian | 1581 GL | -628 |

| 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 | 21' | Class A | 4 | Type 1 cement |
| Casing | 6.75" | 4.5" | 10.5 | 1591' | Thick Set | 90 | 8 lbs KOL seal |
| | | | | | 50/50 posmix | 100 | w/2% CACI |

| 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 |
|---------------------|---|---|-------|
| | See Attached Page | | |
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| TUBING RECORD | Size | Set At | Packer At | Liner Run |
|--|---|---------|-------------|---|
| | 2-3/8" | 1549' | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumerd Production, SWD or Enhr. | Producing Method | | | |
| 3/18/2009 | <input type="checkbox"/> Flowing <input checked="" 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 | 10 | 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 _____

Operator Name: Layne Energy Operating, LLC. #33365

Lease Name: CULP 12-25

Lease Location: NW NW SW 25 - 32S - 13E MONTGOMERY, KS

API: 15-125-31821-00-00



| Shots per Foot | Perforation Record | Acid, Fracture, Shot, Cement Squeeze Record | Depth |
|----------------|--------------------|---|-------|
|----------------|--------------------|---|-------|

Initial Perforations (February 2009)

| | | | |
|---|----------------------------|--|-------------------|
| 4 | Rowe 1544' - 1545.5' | 150 HCl (15%) (gal) 212 Water (bbls) 2500 Sand (20/40) (lbs) | 1544' - 1545.5' |
| 4 | Mineral 1306.5' - 1308.5' | 150 HCl (15%) (gal) 180 Water (bbls) 2400 Sand (20/40) (lbs) | 1306.5' - 1308.5' |
| 4 | Croweburg 1263' - 1266' | 2400 Sand (20/40) (lbs) 150 HCl (15%) (gal) 219 Water (bbls) | 1263' - 1266' |
| 4 | Mulky Coal 1218.5' - 1223' | 150 HCl (15%) (gal) 270 Water (bbls) 5700 Sand (20/40) (lbs) | 1218.5' - 1223' |

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