

ORIGINAL

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

Form ACO-1
September 1989
Form Must Be Typed

AMENDED

Operator: License # 33365
 Name: Layne Energy Operating, LLC
 Address: 1900 Shawnee Mission Parkway
 City/State/Zip: Mission Woods, KS 66205
 Purchaser: Cherryvale Pipeline, LLC.
 Operator Contact Person: M. Brent Natrass
 Phone: (913) 748-3987
 Contractor: Name: Layne Christensen Canada, Ltd.
 License: 32999
 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: Layne Energy Operating, LLC
 Well Name: Hinthorn 6-14
 Original Comp. Date: 6/19/2003 Original Total Depth: 1165
 ___ 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>5/16/2006</u> | <u>5/19/2006</u> |
| Spud Date or Recompletion Date | Completion Date or Recompletion Date |
| Date Reached TD | |

API No. 15 - 125-30243-00-02
 County: Montgomery
SE NW Sec. 14 Twp. 32 S. R. 16 East West
1694 feet from S / N (circle one) Line of Section
1680 feet from E / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Hinthorn Well #: 6-14
 Field Name: Brewster
 Producing Formation: Cherokee Coals
 Elevation: Ground: 827 Kelly Bushing: 830
 Total Depth: 1165 Plug Back Total Depth: 1111
 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 1156
 feet depth to Surface 155 sx cmt.
WO-DIG - 11/10/08
 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: MS Natrass
 Title: Agent Date: 10-19-06
 Subscribed and sworn to before me this 19 day of October
2006
 Notary Public: Brooke C. Masfield
 Date Commission Expires: 12/28/09

KCC Office Use ONLY
 Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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NOTARY PUBLIC - State of Kansas
 BROOKE C. MASFIELD
 My Appt. Exp. 12/28/09

CONSERVATION DIVISION
 WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Hinthorn Well #: 6-14
 Sec. 14 Twp. 32 S. R. 16 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" 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>505 KB</td> <td>325</td> </tr> <tr> <td>Excello Shale</td> <td>656 KB</td> <td>174</td> </tr> <tr> <td>V Shale</td> <td>706 KB</td> <td>124</td> </tr> <tr> <td>Riverton Coal</td> <td>1080 KB</td> <td>-250</td> </tr> <tr> <td>Mississippian</td> <td>1091 KB</td> <td>-261</td> </tr> </table> | Name | Top | Datum | Pawnee Lime | 505 KB | 325 | Excello Shale | 656 KB | 174 | V Shale | 706 KB | 124 | Riverton Coal | 1080 KB | -250 | Mississippian | 1091 KB | -261 |
| Name | Top | Datum | | | | | | | | | | | | | | | | | |
| Pawnee Lime | 505 KB | 325 | | | | | | | | | | | | | | | | | |
| Excello Shale | 656 KB | 174 | | | | | | | | | | | | | | | | | |
| V Shale | 706 KB | 124 | | | | | | | | | | | | | | | | | |
| Riverton Coal | 1080 KB | -250 | | | | | | | | | | | | | | | | | |
| Mississippian | 1091 KB | -261 | | | | | | | | | | | | | | | | | |

| 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 1/4 | 8.65 | 23 | 42 | Portland | 25 | Cacl2 3% |
| Casing | 7 7/8 | 5.5 | 15.5 | 1164 | Thixotropic + Gisonite | 155 | |

| 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 | | |

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| | | | | |
|--|-------------------|--|-------------|---|
| TUBING RECORD | Size <u>2 7/8</u> | Set At <u>944'</u> | Packer At | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumerd Production, SWD or Enhr. <u>5/20/2006</u> | | Producing Method <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 Bbbs. | Gas Mcf | Water Bbbs. | Gas-Oil Ratio Gravity |
| | | 0 | 6 | |

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Riverton Coal

Other (Specify) _____

Operator Name: Layne Energy Operating, LLC.
Lease Name: Hinthorn 6-14
 Sec. 14 Twp. 32S Rng. 16E, Montgomery County
API: 15-125-30243-00-02

| Shots per Foot | Perforation Record |
|----------------|-----------------------------------|
| 4 | ✓ 1077.5-1080.5 |
| 4 | ✓ 800-802, 743-744, 707.5-708.5 |
| 4 | ✗ 682-683.5, ✗ 654-659, ✗ 627-630 |
| 4 | ✓ 655-660, 628-631 |

| Acid, Fracture, Shot, Cement Squeeze Record | Depth |
|--|---------------|
| Original Perforations | |
| Riverton - 1000g 15% HCL, 116mcf n2, 168B Gel Water, 11200# 16/30 Sand | 1077.5-1080.5 |
| 1st Recompletion | |
| Tebo, Mineral, Croweburg - 1,000gal 15% HCL+ 405bbbls Water+ 1,680# 20/40 sand | 707.5-802 |
| Iron Post, Mulky, Summit - 2,000gal 15% HCL+ 455bbbls Water+ 2,047# 20/40 sand | 627-683.5 |
| 2nd Perforations | |
| Mulky, Summit-3100# 20/40 sand, 500 gal 15% HCL acid, 266 bbls wtr | 628-660 |

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CONSERVATION DIVISION
 WICHITA, KS

Layne Energy, Inc.

1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205 Phone: (913) 748-3987 Fax: (913) 748-3970

June 9, 2008

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

Re: Corrected Well Completion Form

Dear Mr. Bond:

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

API # 15-125-30243-00-02
Hinthorn 6-14

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

Sincerely,



MacLaughlin Darling
Engineering Technician

Enclosures

cc: Well File
Field Office

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WICHITA, KS

