

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

ORIGINAL

Form ACO-1
September 1999
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 _____ SLOW _____ 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	Date Reached TD Completion Date or Recompletion Date

API No. 15 - 125-30243-00-01
 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 w/ 155 _____ sx cmt.

Drilling Fluid Management Plan whm 6/26/07
 (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: MR Natrass
 Title: Agent Date: 10-19-06
 Subscribed and sworn to before me this 19 day of October
06
 Notary Public: Brooke C. Makefel
 Date Commission Expires: 12/28/09

KCC Office Use ONLY

Letter of Confidentiality Attached
 If Denied, Yes No Date: 10-23-06
 _____ Wireline Log Received **RECEIVED**
 _____ Geologist Report Received **KANSAS CORPORATION COMMISSION**
 _____ UIC Distribution **OCT 23 2006**
 CONSERVATION DIVISION
 WICHITA, KS

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

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	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>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>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	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
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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	# 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 + Gilsontite	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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		CONSERVATION DIVISION WICHITA, KS	

TUBING RECORD Size <u>2 7/8</u> Set At <u>944'</u> Packer At <u> </u>	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 Bbls. <u> </u> Gas Mcf <u>0</u> Water Bbls. <u>6</u> Gas-Oil Ratio <u> </u> Gravity <u> </u>		

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

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

Production Interval 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

Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1077.5-1080.5	Original Perforations Riverton - 1000g 15% HCL, 116mcf n2, 168B Gel Water, 11200# 16/30 Sand	1077.5-1080.5
4	800-802, 743-744, 707.5-708.5	1st Recompletion Tebo, Mineral, Croweburg - 1,000gal 15% HCL+ 405bbls Water+ 1,680# 20/40 sand	707.5-802
4	883.5-882, 859-854, 830-827	Iron Post, Mulky, Summit - 2,000gal 15% HCL+ 455bbls Water+ 2,047# 20/40 sand	830-882
4	655-660, 628-631	2nd Perforations Mulky, Summit-3100# 20/40 sand, 500 gal 15% HCl acid, 266 bbls wtr	628-660
4	707.5-708.5	Croweburg-3300# 20/40 sand, 500 gal 15% HCl acid, 271 bbls wtr	707.5-780.5

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