

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

ORIGINAL

Operator: License # 32999
Name: Layne Christensen Canada, Ltd.
Address: 106 West 14th Street, 7th Floor
City/State/Zip: Kansas City, MO 64105
Purchaser: _____
Operator Contact Person: Jeff Mohajir
Phone: (816) 474-7777
Contractor: Name: Layne Christensen Canada, Ltd.
License: 32999
Wellsite Geologist: Larry Weis

NOV 05 2002

CONFIDENTIAL

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. _____

<u>September 5, 2002</u>	<u>September 6, 2002</u>	
Spud Date or	Date Reached TD	Completion Date or
Recompletion Date		Recompletion Date

API No. 15 - 125-30178 0000
County: Montgomery
NE NE NE NE Sec. 8 Twp. 33 S. R. 16 East West
374 feet from S / (N) (circle one) Line of Section
435 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: H. Henderson Well #: 1A-8
Field Name: Brewster

Producing Formation: Cherokee Coals
Elevation: Ground: 835 Kelly Bushing: 838
Total Depth: 1236 Plug Back Total Depth: 1193
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 1236
feet depth to Surface w/ 150 sx cmt.

Drilling Fluid Management Plan ALTI WITHIN 2-6-07
(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: _____ **JAN 10 2003**

Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____
County: _____ Docket No.: _____

STATE CORPORATION COMMISSION
WICHITA, KANSAS
CONSERVATION DIVISION

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: 1-9-03
Subscribed and sworn to before me this 9th day of January
2003
Notary Public: Sherry K. Watson
Date Commission Expires: _____

SHERRY K. WATSON
Notary Public - Notary Seal
STATE OF MISSOURI

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

My Commission Expires Nov. 20, 2006

CONFIDENTIAL

Side Two

ORIGINAL

Operator Name: Layne Christensen Canada, Ltd. Lease Name: H. Henderson Well #: 1A-8
Sec. 8 Twp. 33 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 (Attach Additional Sheets)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run (Submit Copy)
List All E. Logs Run:
Compensated Density Neutron
Dual Induction
Log Formation (Top), Depth and Datum Sample
Name Top Datum
Pawnee Lime 568 KB 270
Excello Shale 734 KB 104
V Shale 786 KB 52
Weir - Pitt Coal 930 KB -92
Mississippian 1158 KB -320

KCC
NOV 05 2002

CONFIDENTIAL

CASING RECORD
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: Purpose of String, Size Hole Drilled, Size Casing Set (In O.D.), Weight Lbs. / Ft., Setting Depth, Type of Cement, # Sacks Used, Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD
Table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives

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

RECEIVED
STATE CORPORATION COMMISSION
JAN 10 2003
CONSERVATION DIVISION
WICHITA, KANSAS

TUBING RECORD
Size Set At Packer At Liner Run Yes No
Date of First, Resumed Production, SWD or Enhr. Producing Method Flowing Pumping Gas Lift Other (Explain)
SI - Waiting on completion
Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval
Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
Other (Specify)

CONFIDENTIAL

KCC

NOV 05 2002

ORIGINAL

CONFIDENTIAL
GEOLOGIC REPORT

RECEIVED
STATE CORPORATION COMMISSION

LAYNE CHRISTENSEN CANADA, LTD.
HENDERSON 1A-8
NE NE NE 374' FNL, 435' FEL
Section 8-33S-16E
MONTGOMERY COUNTY, KANSAS

JAN 10 2003

CONSERVATION DIVISION
WICHITA, KANSAS

Drilled: September 5 – September 6, 2002
Logged: September 6, 2002
A.P.I.# 125-30178-00.00
Ground Elevation: 835'
Kelly Bushing Elevation: 838'
Derrick Floor: 838'
Depth Driller: 1236'
Depth Logger: 1239'
Drilled from surface to 1236' with air
Surface Casing: 8.65 to 21'
Production Casing: 5.5" to 1236'
Cemented by Blue Star
Bottom Hole Temperature: 88 Degrees
Open Hole Logs (Osage Wireline) : High Resolution Compensated Density
Neutron; Dual Induction SFL/GR

FORMATION

TOPS (in feet below kelly bushing)

Lenapah Lime	356
Altamont Lime	408
Wiser Sand	467
Pawnee Lime	568
Peru Sand	624
First Oswego	665
Summit Coal	702
Excello Shale	734
Iron Post Coal	761
Bevier Coal	767
V-Shale	786
Fleming Coal	797
Mineral Coal	830
Scammon Coal	848
Tebo Coal	883
Weir Pitt Coal	930
Rowe Coal	1085
Riverton Coal	1144

CONFIDENTIAL

KCC
NOV 05 2002

ORIGINAL

Mississippian

1158

CONFIDENTIAL

STATE CORPORATION COMMISSION

JAN 10 2003

CONSERVATION DIVISION
WICHITA, KANSAS

CONFIDENTIAL

KCC

STATE CORPORATION COMMISSION

ORIGINAL

NOV 05 2002

JAN 10 2003

CONFIDENTIAL

CONSERVATION DIVISION
WICHITA, KANSAS

BLUE STAR
ACID SERVICE, INC.

PO Box 103
Eureka, Kansas 67045

Cementing Ticket
and Invoice Number

No 3742

Date	Customer Order No	Sect	Trw	Range	Truck Called Out	On Location	Job Began	Job Completed
9-6-02		8	335	16E	9:30 AM	11:30 AM	1:10 PM	1:45 PM
Owner	Contractor		Charge To					
Layne Energy	Layne Christensen Company		Layne Energy					
Mailing Address	City		State					
1345 Highfield Crescent S.E.	CALGARY		ALBERTA T2G5N2					
Well No. & Form	Place	County		State				
H. Henderson #1A-8		Montgomery 72		KANSAS				
Depth of Well	Depth of Job	Casing	(New) Size	Weight	Size of Hole Aml. and Kind of Cement	Cement Lft in casing by	Request	
1236'	1236'		5 1/2"	15.50	150 SKS		Necessity 43'	
Kind of Job	Drillpipe		(Rotary) Tubing		Cabin		Truck No #12	
Longstring								

Price Reference No.	# 1
Price of Job	665.00
Second Stage	
Mileage	135.00
Other Charges	
Total Charges	800.00

Remarks: Safety Meeting; Rig up to 5 1/2" casing. Break Circulation with 15 bbl fresh water. Mixed 70 SKS Thick Set Cement with 10" Gilsonite per/sk @ 12.8" per/gal. Tail in with 80 SKS Thick Set Cement with 10" Gilsonite per/sk @ 13.4" per/gal. Shut down. Wash out Pump & Lines. Release Plug. Displace with 28.25 bbl fresh water @ 2.8 BPM. Final Pumping Pressure 350 PSI. Bump Plug to 850 PSI. Wait 5 minutes. Check float. Float Held. Shut casing in @ 0 PSI. Good Cement Returns to surface = 12 bbl slurry = 38 SKS. Job Complete. Rig down.

Cementer: Kevin McCoy
Helper: Mike, Monte, Justin

District: EUREKA

State: KANSAS

The above job was done under supervision of the owner, operator, or his agent whose signature appears below

THANK YOU

Read with

Agent of contractor or operator

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
150 SKS	Thick Set Cement	10.75	1612.50
1500 *	Gilsonite 10" per/sk	.30	450.00
3 HRS	80 BBL VAC TRUCK	60.00	180.00
1	Load City water	15.00	15.00
1	5 1/2" INSERT Flapper Valve	92.00	92.00
1	5 1/2" Top Rubber Plug	40.00	40.00
Plugs	150 SKS Handling & Dumping	.50	75.00
	8.25 TONS Mileage 60	.80	396.00
	Delivered by Truck No #16		3660.50
	Delivered from EUREKA		
	Signature of operator Kevin McCoy	Sales Tax 6.3%	230.61
		Total	3891.11