

DEC 23 2002

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

CONSERVATION DIVISION
WICHITA, KS

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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

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Wellsite Geologist: Larry Weis
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

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JAN 04 2005

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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. _____

June 25, 2002 June 29, 2002 October 10, 2002
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-30119
County: Montgomery
SW-NW - Sec. 28 Twp. 31 S. R. 15 East West
2016 feet from S / **(N)** (circle one) Line of Section
638 feet from E / **(W)** (circle one) Line of Section

ORIGINAL

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE **(NW)** SW
Lease Name: F. Smith Well #: 5-28
Field Name: Jefferson-Sycamore

Producing Formation: Cherokee Coals
Elevation: Ground: 997 Kelly Bushing: _____
Total Depth: 1452 Plug Back Total Depth: 1434.5
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 1452 TD
feet depth to Surface w/ 274 sx cmt.

Drilling Fluid Management Plan AK-11 ECR 2.7.03
(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.

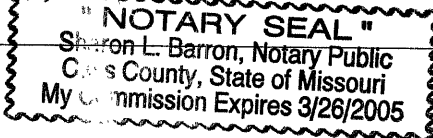
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]
Title: Agent Date: 12-19-02

Subscribed and sworn to before me this 19th day of December,
2002

Notary Public: Sharon L. Barron

Date Commission Expires: _____



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

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Side Two

ORIGINAL

Operator Name: Layne Christensen Canada, Ltd. Lease Name: F. Smith Well #: 5-28
Sec. 28 Twp. 31 S. R. 15 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
KCC
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Log Formation (Top), Depth and Datum Sample
Name Top Datum
Pawnee Lime 882 115
Excello Shale 1029 -32
V Shale 1077 -80
Weir - Pitt Coal 1189 -192
Mississippian 1394 -397

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
4 Weir 1189-1192 500 g 15% HCL + 195 BSW 1189
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TUBING RECORD
Size Set At Packer At
2 7/8 1198
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Date of First, Resumed Production, SWD or Enhr. Producing Method
Waiting on pipeline Flowing Pumping Gas Lift Other (Explain)
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
(If vented, Submit ACO-18.) Other (Specify)
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KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION
WICHITA, KS

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KANSAS CORPORATION COMMISSION

DEC 23 2002

**Layne Christensen Canada, Ltd.
F. Smith 5-28
C SW NW 2016 FNL 638 FWL
Section 28 T. 31 South R. 15 East
Montgomery County, Kansas**

CONSERVATION DIVISION
WICHITA, KS

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JAN 04 2005

FROM CONFIDENTIAL

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DEC 23 2002

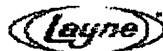
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Drilled: June 26 – June 29, 2002
Logged: June 29, 2002
Elevation: 997' Ground Level
Elevation: 1000' Kelly Bushing
Depth Driller: 1,452'
Depth Logger: 1,447'
Surface Casing: 10.75" @ 21'
Production Casing: 5.5" to T.D.
Bottom Hole Temperature: 88 Degrees
Open Hole Logs: High Resolution Litho-Density Compensated Neutron Induction Log

FORMATION

TOPS (in feet below kelly bushing)

Layton Sand	314
Kansas City Group	404
Lenapah Lime	695
Altamont Lime	738
Wiser Sand	808
Mulberry Coal	880
Pawnee Lime	890
Peru Sand	960
First Oswego	978
Summit Coal	1004
Excello Shale	1029
Bevier Coal	1056
V Shale	1076
Fleming Coal	1085
Mineral Coal	1117
Scammon Coal	1131
Tebo Coal	1162
Weir Pitt Coal	1189
Bluejacket Coal	1227
Dry Wood Coal	1267
Rowe Coal	1347
Neutral Coal	1361
Mississippian	1394



Drilling Summary

Well Name F.SMITH-C-SW-NW-SEC-28-TWP-31S-RG15E AFE # HTH - 5-28
U.W.ID 125-30119-0000 Est'd Cost 115,437

Table with columns: LAYNE ENERGY, Days From Spud, Bit Summary, Lic. #, Supervisor, Contractor, Rig Release, Time Summary, etc.

Table with columns: Operation, Hours, Operation, Hours. Includes rows for Drilling, Trapping, Rig Service, Survey, Circulate, Cementing, Run Casing, Safety Meeting, Pressure testing, Move Rig, Rig Up / Down, Nipple Up / Down, WOC / Weld, Lay Down Drill String, Handle Tools, Work Pipe.

Table with columns: Cementing Details, Cement and Additives, Returns. Includes rows for String, Surface, Intermediate, Production, Line, Service Co.

Table with columns: D.S.T Summary, Mud Summary, Type & Remarks. Includes rows for No., Form in, From, To, Description, From, To, Type & Remarks.

Table with columns: Log Record, Company, Interval, Type, Interval, Type. Includes rows for T.D. Surf, Bulk Dens.

Table with columns: Tubular Details, Supplier, Tr.state & Sparan.

Table with columns: Drilling Remarks & Problems, Surface, Major bed rock, String, Size, Weight, Grade, Thread, Range, Landed Depth, Make, Remarks. Includes rows for Surface, Major hole, coring, reaming.

Vertical text: CONFIDENTIAL, KCC, DEC 23 2002, JAN 08 2003, CONSERVATION DIVISION WICHITA, KS, SUPPLIER, FUD MUD, ORIGINAL, RELEASED, JAN 04 2005, FROM CONFIDENTIAL.

Vertical text: JL-15-2002 01:14P FROM: TO: 8181647472 P: 1/1

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ORIGINAL

CONSOLIDATED INDUSTRIAL SERVICES, INC.
211 W. 14TH STREET, CHANUTE, KS 66720
316-431-9210 OR 800-467-8676

JAN 04 2005

TICKET NUMBER 14503

FROM CONFIDENTIAL KCC

LOCATION Chanute, KS

TREATMENT REPORT

DEC 23 2002

FOREMAN Jim Green

Job # 4126 Rig # 219

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DATE 6-30-02	CUSTOMER ACCT #	WELL NAME F. Smith #5-28 SW NW	QTR/QTR	SECTION 28	TWP 31	RGE 15	COUNTY MG	FORMATION
CHARGE TO Layne Energy				OWNER				
MAILING ADDRESS 1345 Highfield				OPERATOR Rob Winters				
CITY Calgary Alberta				CONTRACTOR				
STATE Canada		ZIP CODE T2G5N2		DISTANCE TO LOCATION 45				
TIME ARRIVED ON LOCATION 12:30 AM				TIME LEFT LOCATION 3:30 AM				

WELL DATA	
HOLE SIZE 7 7/8"	TOTAL DEPTH 1452'
CASING SIZE 5 1/2"	CASING DEPTH 1462.9'
CASING WEIGHT	CASING CONDITION
TUBING SIZE	TUBING DEPTH
TUBING WEIGHT	TUBING CONDITION
PACKER DEPTH	PERFORATIONS
SHOTS/FT	OPEN HOLE
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB Cement One Well

389 #U 36, 128 PT OP 106 BT HP

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Establish circulation, Pump 15 BBL Pad with the marker. Mixed and pumped 2745k OWC cement. Max 1st 305k at 10.5* Tail last 2445k at 13.8*. Flush pump clean of cement Pump 5 1/2" rubber plug to total depth of casing, Circulation cement to surface when plug was 300' off total depth. Pressure up to 800# P.S.T. Held for 5 min. Set float shoe, check with wireline, plug set at 1462'. Casing app. 15' above Rig floor.

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
SIP	psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	
HYD HHP = RATE X PRESSURE X 40.8	

AUTHORIZATION TO PROCEED
Robert Winters

TITLE

DATE
JUNE 30 / 02

ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.