

JAN 03 2003

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

CONSERVATION DIVISION WICHITA, KS WELL HISTORY - DESCRIPTION OF WELL & LEASE

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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

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: _____
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. _____

July 7, 2002 July 8, 2002
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-30124
County: Montgomery
SW SE _____ Sec. 10 Twp. 32 S. R. 14 East West
670 feet from (S) / N (circle one) Line of Section
1929 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: R. Copenhaver Well #: 15-10
Field Name: Jefferson-Sycamore

Producing Formation: Cherokee Coals
Elevation: Ground: 875 Kelly Bushing: _____
Total Depth: 1504 Plug Back Total Depth: _____
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 _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) ALT II with 2-13-07
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: _____ Date: 12.24.02
Subscribed and sworn to before me this 24th day of December
19 2002
Notary Public: [Signature]
Date Commission Expires: _____

DEBRA E. WHITE
Notary Public - Notary Seal
STATE OF MISSOURI
Jackson County
My Commission Expires: July 22, 2005

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: R. Copenhaver Well #: 15-10
Sec. 10 Twp. 32 S. R. 14 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, Samples Sent to Geological Survey, Cores Taken, Electric Log Run, List All E. Logs Run, Compensated Density Neutron Dual Induction. Includes checkboxes for Yes/No and a table for Formation (Top), Depth and Datum.

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CASING RECORD 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 form with fields for Purpose, Depth, Type of Cement, #Sacks Used, and Type and Percent Additives.

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PERFORATION RECORD table with columns: Shots Per Foot, Bridge Plugs Set/Type, Acid, Fracture, Shot, Cement Squeeze Record, Depth.

TUBING RECORD and Production Method sections. Includes fields for Date of First, Resumed Production, SWD or Enh. r., Producing Method, and Estimated Production Per 24 Hours.

Disposition of Gas and METHOD OF COMPLETION sections. Includes checkboxes for Vented, Sold, Used on Lease, Open Hole, Perf., Dually Comp., and Commingled.

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GEOLOGIC REPORT

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CONSERVATION DIVISION
WICHITA, KS

LAYNE CHRISTENSEN CANADA, LTD.
R. COPENHAVER 15-10
SW SE 670' FSL, 1929' FEL
Section 10-32S-14E
MONTGOMERY COUNTY, KANSAS

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Status of Well: Plugged July 11, 2002
Drilled: July 8 - July 10, 2002
Logged: July 11, 2002
Ground Elevation: 875'
Kelly Bushing Elevation: 878'
Derrick Floor: 878'
Depth Driller: 1509'
Depth Logger: 1508'
Cored From 881' to 1417' (6.25" Hole)
Surface Casing: 10.75" @ 21'
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)

Kansas City Group	410
Lenapah Lime	705
Altamont Lime	752
Mulberry Coal	884
Pawnee Lime	892
First Oswego	987
Summit Coal	1014
Excello Shale	1042
Bevier Coal	1066
V-Shale Coal	1088
Fleming Coal	1100
Mineral Coal	1134
Scammon Coal	1149
Tebo Coal	1174
Rowe Coal	1363
Riverton Coal	1408
Mississippian	1410

ORIGINAL



0 Drilling Summary

Well Name R.COPENHAVER-SW-SE--SEC10-TWP32S-R14E AFE # R.COPENHAVER-15-10
U.W.ID 125-30124-0000 Est'd Cost 120,000

Table with multiple sections: Layne Energy (Supervisor: Robert Winters, Contractor: LAYNE RIG # 219, Rig Release: 11-july-02-21:30hrs), Time Summary (Operation: Drilling, Tripping, Rig Service, Survey, Circulate, Cementing, Run Casing), Cementing Details (String, Surface, Intermediate, Plug, Service Co. CONSOLIDATED), D.S.T Summary, Mud Summary (No., Form'in, From, To, Description, From, To, Type & Remarks), Tubular Details (Supplier: Tristate & Spartan), and Drilling Remarks & Problems (Surface: Major bed rock 0 - 30 ft., Main hole: Rig to Plug Back well with consolidated).

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CONSERVATION DIVISION WICHITA, KS

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ORIGINAL



CONSOLIDATED OIL WELL SERVICES AN INFINITY COMPANY

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TICKET NUMBER 16002

LOCATION B'ville

211 W. 14TH STREET, CHANUTE, KS 66720
620-431-9210 OR 800-467-8676

FIELD TICKET

DATE 7-11-02	CUSTOMER ACCT #	WELL NAME # R. Copenhagen 15-10	QTR/QTR	SECTION 10	TWP 32	RGE 14	COUNTY Mont., KS	FORMATION
CHARGE TO <u>LAYNE</u>				OWNER				
MAILING ADDRESS				OPERATOR				
CITY & STATE				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5405N	1	PUMP CHARGE P + A		525.00
1118	9 sx	Premium Gel	*	106.20
		<i>1118.10 (53.10)</i>		
5407	min	BLENDING & HANDLING TON-MILES (X 2) STAND BY TIME MILEAGE WATER TRANSPORTS VACUUM TRUCKS FRAC SAND		380.00
		<i>5407.10 (190.00)</i>		
		<i>1104.10 (2070.00)</i>		
1104	450 sx	CEMENT Class A 2% Gel	*	4140.00
			* SALES TAX	233.54

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WICHITA, KS

ESTIMATED TOTAL 5384.74

CUSTOMER or AGENTS SIGNATURE R. Layne CIS FOREMAN Jeff Graham
 CUSTOMER or AGENT (PLEASE PRINT) _____ DATE _____