

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

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. _____

<u>August 5, 2002</u>	<u>August 7, 2002</u>	
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30127 0000
County: Montgomery
NE SW _____ Sec. 29 Twp. 31 S. R. 15 East West
2050 feet from (S) / N (circle one) Line of Section
2086 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: W. Chism Well #: 11-29
Field Name: Jefferson-Sycamore

Producing Formation: Cherokee Coals
Elevation: Ground: 960 Kelly Bushing: 963
Total Depth: 1478 Plug Back Total Depth: 1477
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 1478.5 TD
feet depth to Surface w/ 265 sx cmt.
ALT II WITH 2-5-07

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: **RECEIVED**
Operator Name: _____ KANSAS CORPORATION COMMISSION
Lease Name: _____ License No. _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____
CONSERVATION DIVISION
WICHITA, KS

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: 1-8-03

Subscribed and sworn to before me this 8 day of January,
19 2003

Notary Public: [Signature] **SHERRY K. WATSON**
Notary Public - Notary Seal
STATE OF MISSOURI
Jackson County

Date Commission Expires: _____

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

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Side Two

ORIGINAL

Operator Name: Layne Christensen Canada, Ltd. Lease Name: W. Chism Well #: 11-29
Sec. 29 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 [] Yes [x] No (Attach Additional Sheets)

Samples Sent to Geological Survey [] Yes [x] No

Cores Taken [x] Yes [] No

Electric Log Run [x] Yes [] No (Submit Copy)

List All E. Logs Run:

Compensated Density Neutron
Dual Induction

KCC

OCT 08 2002

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Table with 3 columns: Name, Formation (Top), Depth and Datum, Sample. Rows include Pawnee Lime, Excello Shale, V Shale, Weir - Pitt Coal, and Mississippian.

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. Includes Surface and Casing entries.

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 table with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), Depth. Includes a 'RECEIVED' stamp from the Kansas Corporation Commission dated JAN 09 2003.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run (Yes/No). Includes a section for Date of First, Resumed Production, SWD or Enhr. (SI - Waiting on completion) and Producing Method (Flowing, Pumping, Gas Lift, Other).

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



Drilling Summary

Well Name: W.CHISM-NE-NW-SEC-29-TWP-31S-R15E AFE #: W.CHISM-11-29
 U.W.ID: 125-30127-0000 Est'd Cost: 64,239

P:2/6
TO: 818164747272
JAN-17-1999 11:55P FROM:

Supervisor	Robert Winters	K.B Elev.	995.3	No	Size	Type	Jels	Depth In	Depth Out	Feet	Hours	Cum. Hrs	F/Hrs	Condition	Serial #
Contractor	LAYNE RIG # 219	G.L.Elev.	993	1A	12 1/4	RR	OPEN		21	21.0	0.75	0.75	28.0	5-5-E-1	26418
Rig Release	10:00hrs-08-AUG-02	KB-Csg Flg	3.3	1CB	6 1/8	12PAC	OPEN	1286	1387	101.0	4.5	4.5	22.4	2CHIPPED%	5S19185
		T.D.	1478.5	2	7 7/8	R84	3X14	21	1478	1457.0	28.25	28.25	51.5	3 chipped	C85290
Operation	Hours	Operation	Hours												
Drilling	28.25	Clean to Bottom													
Tripping	1.25	Logging	3.25												
Rig Service		Rig Repair	1.75												
Survey	0.25	Loss circ													
Circulate	2.00	Reaming	1.50												
Cementing	1.50	Coring	6.50												
Run Casing	2.00	Mud up	0.50												
Safety Meeting	0.25	Move-05-Aug-02		String	Depth	Sks								Cement and Additives	Returns
STANDBY	7.00	Spud in 12:00hrs		Surface	21.0	B								Portland class "A"	Surf
Move Rig	2.50	Set surface 13:30hrs		Intermediate											
Rig Up / Down	6.00	W.O.C		Production	1478.5	265									
Nipple Up / Down		Drill to core point 24:00hrs 08-08-02		Plug										THIXOTROPIC+2%CaCl2	no returns
WOC / Weld	8.00	fin. shoring 08 30hrs 07-08-02		Service Co.										CONSOLIDATED	
Lay Down Drill String		RM&Drill to T.D. cr. trip 21:15, 07-08-02													
Handle Tools	0.25	Log fill 00:30hrs 08-08-02		No.	Form In	From	To							Description	From To Type & Remarks
Work Pipe		Case, circ 1 hr, cement, 56:00hrs plug													From To Type & Remarks
															21 21 Air
															21 1286 air/mist
															1286 1478 Gel/chem
Company		CSAGE													
Interval	Type	Interval	Type												
T.D. Surf	Daul ind														
	Bulk Dens														
														Supplier	FUD MUD
				Supplier										Tristate & Spartan	
Surface	Major bed rock 0 - 30 ft.			String	Size	Weight	Grade	Thread	Range	Landed Depth	Make			Remarks	
Main hole	28.25hrs to drill & ream			Surface	8.65	23	H-40	ST & C - 8/ri	3	21.00	Paragon				
	Used 7 7/8 insert to drill & ream			Intermediate											
	cored 1C1 ft.			Production	5.5	15.5	J-55	ST&C-3md	3	1478.5	Newport				
	Rig to run bond log on this hole before next cement job			Liner											
				Other											
				Other											
				Remarks										ce last 5Bbfs of displacement	

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JUL 11 2002
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ORIGINAL

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 09 2003
UNSERVAT ON DIVISION
WICHITA, KS

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OCT 08 2002

ORIGINAL

TICKET NUMBER 22385

LOCATION Bartlesville

FOREMAN Tracy L. Williams

CONSOLIDATED OIL WELL SERVICES, INC.
 211 W. 14TH STREET, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

CONFIDENTIAL
TREATMENT REPORT

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
8-8-02		W. Chism 11-2A		29	31S	15E	Montgomery	
CHARGE TO <u>Layne Energy</u>				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE		ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

WELL DATA	
HOLE SIZE	<u>7 7/8</u>
TOTAL DEPTH	<u>1478</u>
CASING SIZE	<u>5 7/8</u>
CASING DEPTH	<u>1489'</u>
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		

INSTRUCTION PRIOR TO JOB

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Ran 15 bbl water ahead. Ran 30 sks OWC cement @ 10.5 ppg. Then 235 sks OWC cement @ 13.8 ppg. Shut down & washed up behind plug. Pumped plug to bottom & set float shoe.

RECEIVED
 KANSAS CORPORATION COMMISSION

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

TREATMENT RATE	
BREAKDOWN BPM	<u>JAN 09 2003</u>
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	

AUTHORIZATION TO PROCEED
Robert W.H.

TITLE

DATE

08-AUG-02

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