

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 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. JAN 09 2003
 Other (SWD or Enhr.?) Docket No. _____
July 19, 2002 July 20, 2002
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-30129 0000
County: Montgomery
NE SE _____ Sec. 31 Twp. 31 S. R. 15 East West
2021 feet from N (circle one) Line of Section
854 feet from W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: B. Chism Well #: 9-31

Field Name: Jefferson-Sycamore
Producing Formation: Cherokee Coals
Elevation: Ground: 806 Kelly Bushing: 809
Total Depth: 1342 Plug Back Total Depth: 1341
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 1341 TD
feet depth to Surface w/ 140 sx cmt.
ALT II W/M 2-6-02

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: _____
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: _____
Title: Agent Date: 1-8-03
Subscribed and sworn to before me this 8 day of January
2003
Notary Public: Sherry K. Watson
Date Commission Expires: _____

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

SHERRY K. WATSON
Notary Public - Notary Seal
STATE OF MISSOURI
Jackson County
My Commission Expires Nov. 20, 2006

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Side Two

ORIGINAL

Operator Name: Layne Christensen Canada, Ltd. Lease Name: B. Chism Well #: 9-31
Sec. 31 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
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Log Formation (Top), Depth and Datum Sample
Name Top Datum
Pawnee Lime 748 KB 61
Excello Shale 898 KB -89
V Shale 946 KB -137
Weir - Pitt Coal 1059 KB -250
Mississippian 1251 KB -442

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
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WICHITA, KS

TUBING RECORD
Size Set At Packer At Liner Run Yes No
Date of First, Resumed Production, SWD or Enhr. Producing Method
SI - Waiting on completion 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
Other (Specify)

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GEOLOGIC REPORT

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LAYNE CHRISTENSEN CANADA, LTD.

JAN 09 2003

B. Chism 9-31

NE SE 2,021'FSL, 854' FEL

Section 31-31S-15E

CONSERVATION DIVISION
WICHITA, KS

MONTGOMERY COUNTY, KANSAS

Drilled: July 19 – July 20, 2002

Logged: July 20, 2002

Ground Elevation: 806'

Kelly Bushing Elevation: 809'

Derrick Floor: 809'

Depth Driller: 1342'

Depth Logger: 1342'

Drilled with air to T.D.

Surface Casing: 8.65" to 21',

Production Casing: 5.5" to 1342'

Cemented by Consolidated

Bottom Hole Temperature: 88 Degrees

Open Hole Logs (Osage Wireline) : High Resolution Compensated Density

Neutron; Dual Induction SFL/GR

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SEP 19 2002

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FORMATION

TOPS (in feet below kelly bushing)

Layton Sand	184
Kansas City Group	262
Lenapah Lime	563
Altamont Lime	610
Wiser Sand	664
Mulberry Coal	743
Pawnee Lime	748
Peru Sand	794
First Oswego	842
Little Osage Shale	870
Excello Shale	898
Bevier Coal	924
V-Shale	946
Fleming Coal	957
Mineral Coal	989
Scammon Coal	1004
Tebo Coal	1037
Weir-Pitt Coal	1059
Bluejacket Coal	1089
Dry Wood Coal	1133
Rowe Coal	1205
Riverton Coal	1242

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Mississippian

1251

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SEP 19 2002

CONSERVATION DIVISION
WICHITA, KS

CONFIDENTIAL

JUL-29-2002 03:28A FROM: CONFIDENTIAL ORIGINAL TO: 8181647487



Drilling Summary

Well Name: **B,CHISM-C-NE-SE-SEC-31S-TWP-31-R15E**
 U.W.ID: **125-30129-0000**
 AFE #: **B,CHISM-9-31**
 Est'd Cost: **46,387**
 Lic. #: **125-30129-0000**

LAYNE ENERGY				Bit Summary											
Supervisor	Dave Mahowich	Days From Spud	K.B Elev. 509.3	No	Size	Type	Jets	Depth In	Depth Out	Feet	Hours	Cum. Hrs	F/Hrs	Condition	Serial #
Contractor	LAYNE RIG # 219	G.L.Elev	80E	1A	12 1/4	RR	OPEN		21	21 0	0 75	0 75	28 0	5-5-E-1	25418
Rig Release	04:00hrs-21-JULY-02	KB-Csg Flg	3.3												

Time Summary			
Operator	Hours	Operation	Hours
Drilling	21.00	Clear to Bottom	
Tripping	2.00	Logging	4.00
Rig Service	0.25	Rig Repair	
Survey		Loss circ	
Circulate	0.50	Reaming	
Cementing	3.50	Conng	
Run Casing	1.50	Mud up	D 50
Safety Meeting	0.25	Move OB: 5hrs-19-JULY-02	
STANDBY		Spud n 07 30:rs-19JULY-02	
Move Rig	0.75	SET SURFACE@09.30hrs	
R.g Up / Down	4.75	W.O.C TO 17 30hrs	
Nipple Up / Down		T D-15 CChrs 20-JULY-02	
WOC / Weld	8.00	Log 17.30hrs	
Lay Down Drill String		Run casing 21.30hrs	
Handle Tools		Cement Prod.23 30hrs	
Work Pipe		Plug down 24:00hrs-20JULY-02	

2	7 7/8	UD-513	5X14	21	1342	132' 0	21	21	62 9	1Chipped	313
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Cementing Details			
String	Depth	Skts	Cement and Additives
Surface	21.0	8	Portland class "A"
Intermediate			
Producer	1342.0	140	
Plug			DIACEL
Service Co	CONSOLIDATED		

D.S.T Summary				Mud Summary			
No	Form in	From	To	From	To	Type & Remarks	
				21	1266	Air	
				1266	1342	Gel/chem	

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 CONSERVATION DIVISION
 WICHITA KS
 Supplier

Log Record:			
Company			
Interval	Type	Interval	Type
T D Surf	Daul ind		
	Bulk Dens		

Tubular Details			
Supplier	Tnstate & Sparlan		

Drilling Remarks & Problems										
Surface	Major bed rock 0 - 30 ft.									
Man hole	Good Drilling through out hole Csgage 1.5hr Problem with tool									
	Cementing had good returns									
	String	Size	Weight	Grade	Thread	Range	Landec Depth	Make	Remarks	
	Surface	8 5/8	23	H-40	ST & C - 8mm	3	21 00	Paragon		
	Intermediate									
	Producer	5 5/8	15.5	J-55	ST&C-8mm	3	1342.0	Newport		
	Liner									
	Other									
	Other									
Remarks										

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