

JAN 03 2003

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

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: SEP 05 2002 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: [X] New Well [] Re-Entry [] Workover [] Oil [] SWD [] SIOW [] Temp. Abd. [] Gas [] ENHR [X] 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 5, 2002 July 6, 2002 October 9, 2002 Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 125-30120 County: Montgomery NE SE Sec. 29 Twp. 31 S. R. 15 [X] East [] West 1980 feet from (S) / N (circle one) Line of Section 350 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner: (circle one) NE (SE) NW SW Lease Name: F. Smith Well #: 9-29 Field Name: Jefferson-Sycamore Producing Formation: Cherokee Coals Elevation: Ground: 984 Kelly Bushing: Total Depth: 1463 Plug Back Total Depth: 1462 Amount of Surface Pipe Set and Cemented at 21 Feet Multiple Stage Cementing Collar Used? [] Yes [X] No If yes, show depth set Feet If Alternate II completion, cement circulated from 1463 TD feet depth to Surface w/ 275 sx cmt. ALT II WITHIN 2-13-07

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: 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] Date: 12-24-02 Title: 24th day of December 2002 Subscribed and sworn to before me this 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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SEP 05 2002 Side Two

ORIGINAL

Operator Name: Layne Christensen Canada, Ltd. Lease Name: F. Smith Well #: 9-29
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
Samples Sent to Geological Survey [] Yes [x] No
Cores Taken Yes [x] No
Electric Log Run [x] Yes [] No
List All E. Logs Run:
Compensated Density Neutron Dual Induction

RECEIVED KANSAS CORPORATION COMMISSION

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CONSERVATION DIVISION WICHITA, KS

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 rows.

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

PERFORATION RECORD table with columns: Shots Per Foot, PERFORATION RECORD - Bridge Plugs Set/Type, Acid, Fracture, Shot, Cement Squeeze Record, Depth. Includes Weir 1163 - 1166 row.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run. Includes 2 7/8, 1160 row.

Production Method table with columns: Date of First, Resumed Production, SWD or Enh r., Producing Method, 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 (If vented, Submit ACO-18.)
Open Hole [x] Perf. Dually Comp. [] Commingled
[] Other (Specify)

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GEOLOGIC REPORT

CONSERVATION DIVISION
WICHITA, KS

**LAYNE CHRISTENSEN CANADA, LTD.
SMITH TRUST 9-29
C NE SE 1980' FSL, 350' FEL
Section 29-31S-15E
MONTGOMERY COUNTY, KANSAS**

KCC

SEP 05 2002

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Drilled: July 5 – July 6, 2002
Logged: July 7, 2002
Ground Elevation: 984'
Kelly Bushing Elevation: 987'
Derrick Floor: 987'
Depth Driller: 1466' KB
Depth Logger: 1462' KB
Drilled from surface to 1266' with air
Drilled from 1266' to T.D. with mud
Surface Casing: 10.75" @ 21',
Production Casing: 5.5" to 1466'
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	397
Lenapah Lime	686
Altamont Lime	728
Mulberry Coal	866
Pawnee Lime	872
Peru Sand	940
First Oswego	960
Little Osage Shale	986
Excello Shale	1010
Mulky Coal	1015
Bevier Coal	1036
V-Shale	1059
Mineral Coal	1096
Scammon Coal	1109
Weir-Pitt Coal	1162
Bluejacket Coal	1237
Dry Wood Coal	1322
Mississippian	1385



Drilling Summary

Well Name				F.SMITH-C-NE-SE-SEC-28-TWP-31S-R15E								AFE #		MITH-9-29					
U.W.ID				125-30120-0000								Est'd Cost		49,670					
LAYNE ENERGY				Days From Spud				Bit Summary								Lic. #		125-30120-0000	
Supervisor	Dave Mahowich	K B Elev	1003.3	No	Size	Type	Jets	Depth In	Depth Out	Feet	Hours	Curr Hrs	F'Hrs	Condition	Serial #				
Contractor	LAYNE RIG # 219	G.L Elev	997	1A	13 7/8	RR	OPEN		21	21 0	2		10 5	5-5-E-1	28441				
Rig Release	07-JULY-02-12:00HRS	KB-Csg Flg	3.3	1	7 7/8	UD513	6X14	21	1512	1491 0	24.75	24 75	30.2	100%	158				
Time Summary				TD								1463							
Operation	Hours	Operation	Hours																
Drilling	25 50	Clean to Bottom																	
Topping	2.25	Logging	2.25																
Rig Service		Rig Repair																	
Survey		Loss circ																	
Circulate	1 25	Reaming																	
Cementing	1 00	Conng																	
Run Casing	2.25	Mud up																	
Cementing Details																			
Safety Meeting	50	Move rig to 8-29-04-july-02 24 00hrs		String	Depth	Sks	Cement and Additives								Returns				
STANDBY	8 00	Standby 05-july-02-01 00hrs-10 00hrs		Surface	21 0	6	Port and class 'A'								Surf				
Move Rig	1 00	Spud 05-July-02 10 30hrs		Intermediate															
Rig Up / Down	5 00	Surface set 05-July-02 13:00hrs		Production	1463.0	275	THIXOTROPIC + 2% Cad2								SURF				
Nipple Up / Down	0 25	WOC till 21 00hrs		Liner															
WOC / Weld	8 00	Drill out 05-july-02-21 30hrs		Service Co.	CONSOLIDATED														
Lay Down Drill String		Drill to TD-1453ft-06-July02-24 00hrs		D.S.T Summary				Mud Summary											
Handle Tools		Run casing&cement 07:00hrs-07-jul		No.	Form'in	From	To	Description				From	To	Type & Remarks					
Work Pipe		Plug down 08:00hrs-07-July-02						RECEIVED				21		Ar'nis:					
Log Record:								KANSAS CORPORATION COMMISSION				1286	1463	Gelchem					
Company																			
Interval	Type	Interval	Type																
TD Surf	Dau ind																		
	Bulk Dens																		
								CONSERVATION DIVISION				Supplier		FUD MUD					
								WICHITA, KS											
				Tubular Details															
				Supplier				Instate & Spartan											
Drilling Remarks & Problems																			
Surface	Major bed rock 0 - 30 ft			String	Size	Weight	Grade	Thread	Range	Landed Depth	Make	Remarks							
Main hole	Bottom hole 50' into mississippi, Pdc stopped cutting			Surface	10 7/8	32 7	H-40	ST & C -3m	3	21.00	Paragr								
	When bit was pulled at TD, Bit was still 100%			Intermediate															
	6600 lbson bit@1463ft			Production	5 5	15.5	J-55	LT&C ERNO	3	1463 0	Newport	Intension							
				Liner															
				Other															
				Other															
Remarks																			

ORIGINAL

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KCC SEP 05 2002 CONFIDENTIAL

JUL-15-2002 01:16P FROM:

U:R181B4747C2

P:377

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SEP 05 2002

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

CONFIDENTIAL

TICKET NUMBER 21669

LOCATION Barterville

FOREMAN Tracy L. Williams

TREATMENT REPORT

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
2-2-02		F. Smith 9-29		29	31S	15E	Montgomery	
CHARGE TO <u>Layne Energy</u>				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE				DISTANCE TO LOCATION				
ZIP CODE				TIME LEFT LOCATION				
TIME ARRIVED ON LOCATION								

WELL DATA

TYPE OF TREATMENT

HOLE SIZE <u>7 7/8</u>	TOTAL DEPTH <u>1427</u>
CASING SIZE <u>5 7/8</u>	CASING DEPTH <u>1472</u>
CASING WEIGHT	CASING CONDITION
TUBING SIZE	TUBING DEPTH
TUBING WEIGHT	TUBING CONDITION
PACKER DEPTH	PERFORATIONS
SHOTS/FT	OPEN HOLE
TREATMENT VIA	

<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 of water ahead. Ran 30 sks of 10.5# OWC then rest of 13.8# Shut down & washed up behind plug. Pumped plug to bottom & set float shoe. Shut in

PRESSURE SUMMARY

TREATMENT RATE

BREAKDOWN or CIRCULATING	psi	100
FINAL DISPLACEMENT	psi	200
ANNULUS	psi	
MAXIMUM	psi	1200
MINIMUM	psi	
AVERAGE	psi	
ISIP	psi	0
5 MIN SIP	psi	

BREAKDOWN BPM	5
INITIAL BPM	5
FINAL BPM	5
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	