

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

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. D-28070

September 11, 02 September 20, 02
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

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API No. 15 - 125-30143 0000
County: Montgomery
NW, NW, _____ Sec. 5 Twp. 32 S. R. 15 East West
418 feet from S / (circle one) Line of Section
860 feet from E / (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: C. Smith Well #: 4-5
Field Name: Jefferson-Sycamore
Producing Formation: Cherokee Coals
Elevation: Ground: 791 Kelly Bushing: 794
Total Depth: 2088 Plug Back Total Depth: 2045
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 1543
feet depth to Surface w/ 280 sx cmt.
ACT II WITHIN 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: _____
Operator Name: _____ **RECEIVED**
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. 15 East West
County: _____ Docket No.: _____
CONSERVATION DIVISION WICHITA, KS

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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: 1-13-03
Subscribed and sworn to before me this 13th day of January,
2003.
Notary Public: Sherry K. Watson
SHERRY K. WATSON
Notary Public - Notary Seal
STATE OF MISSOURI
Jackson County

Date Commission Expires: _____
My Commission Expires Nov. 20, 2006

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: C. Smith Well #: 4-5
Sec. 5 Twp. 32 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 678 KB 116
Excello Shale 822 KB -28
Weir Pitt Coal 986 KB -192
Mississippian 1196 KB -402
Arbuckle 1529 KB -735

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
KANSAS COMPTON COMMISSION
JAN 13 2003
CONSERVATION DIVISION WICHITA, KS

TUBING RECORD
Size Set At Packer At Liner Run Yes No
Date of First, Resumed Production, SWD or Enhr. Producing Method
Flowing Pumping Gas Lift Other (Explain)
October 23, 2002
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)



0
Drilling Summary

Well Name C.SMITH-NW-NW-SEC-5-TWP-32S-R-15E AFE # C.SSMITH 4-5
U.W.ID 125-30143-0000 Est'd Cost 32,633
Lic # 125-30143-0000

LAYNE ENERGY				Bit Summary												Condition	Serial #
Supervisor	Robert Winters	K.B.Elev.	788.3	No	Size	Type	Jets	Depth In	Depth Out	Feet	Hours	Cum. Hr	F/Hrs				
Contractor	LAYNE RIG # 219	G.L.Elev.	785	1A	12 1/4	RR	OPEN	0	21	21.0	1.5	1.5	14.0	5-5-E-1	26418		
Rig Release	9/20/02 0:00	KB-Csg Flg	3.3	2	9 1/2	H11R	3xopen	21	1548	1527.0	74	74	20.6	4-1%	10006		
Time Summary			T.D.	2088	3	6 1/4	xr40	3x18	1548	2088	540.0	23.25	23.25	23.2	5-1	er5688	
Operation	Hours	Operation	Hours														
Drilling	74.00	Clean to Bottom															
Tripping	1.00	Logging	2.50														
Rig Service		Rig Repair	9.00														
Survey	0.75	Loss circ	1.75														
Circulate	9.25	Drill 6 1/4	23.25														
Cementing	1.00	Coring	0.00														
Run Casing	2.50	Mud up	0.00														
Safety Meeting				String				Depth	Sks	Cement and Additives				Returns			
STANDBY				Surface				21.0	8	Portland class "A"				Surf			
Move Rig				Intermediate						set in two stages,115sks firststage,165sks second stage,							
Rig Up / Down				Production				1543.0	280	Thick set cement with 10# Gilonite per/sk				Surf			
Nipple Up / Down				Plug						BLUE STAR							
WOC / Weld				Service Co.													
Lay Down Drill String				D.S.T Summary				Mud Summary				Type & Remarks					
Handle Tools				No.	Form'in	From	To	Description	From	To							
Work Pipe									21	1548	Air						
Leg Record									1548	2088	Mud rotary						
Company											Water						
Interval									0								
T.D.Surf									0								
Bulk Dens									0								
									Supplier		FUD MUD						
				Tubular Details				Tristate & Spartan									
				Supplier													
Drilling Remarks & Problems				String	Size	Weight	Grade	Thread	Range	Landed Depth	Make	Remarks					
Surface				Surface	10.75	32	H-40	T & C -8m	3	21.00	Paragon						
Main hole				Intermediate	0	0	0	0	0		0						
Circ loss @ 1408ft,spot 5m3 pill at 1408ft,Circ back 100%				Production	7	20	J-55	ST & C -8mnd	3	1543.0	Paragon						
Good cement returns on both stages.				Liner	0	0	0	0	0		0						
67hrs,W.O.C.,				Other													
23.25HRS,TO drill to loss of circulation at 2088ft with 6 1/4 inese				Other													
MIT test @ 500psi for 30min,ok test.				Remarks													
Mit test to be done on packer & tubing when installed				Ran 1floatshoe,1Float collar @26ft off bottom,1 stage collar@909ft from surface, 1 cement basket @957ft													

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CONSERVATION DIVISION
WICHITA, KS

JAN 13 2003

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BLUE STAR ACID SERVICE, INC.

PO Box 103 Eureka, Kansas 67045

Cementing Ticket and Invoice Number

No 3761

Date	Customer Order No.	Sec.	Twp.	Range	Truck Called Out	On Location	Job Began	Job Completed
9-16-02		5	32S	15E	3:30 AM	6:30 AM	7:30 AM	8:20 AM
Owner Layne Energy		Contractor Layne Christensen Company			Charge To Layne Energy			
Mailing Address 1315 Highfield Crescent S.E.		City Calgary			State ALBERTA T6G2N2			
Well No. & Form C. Smith # 4-5		Pitace		County Montgomery		State KANSAS		
Depth of Well 1548'	Depth of Job 1547'	Casing New	Size 7"	Weight 20#	Size of Hole Amt. and Kind of Cement 115 SKS	Cement Left in casing by	Request Necessary 16' feet	
Kind of Job Longstring - 2 stage Collar set @ 909' K.B.					Drillpipe	Polary Casing	Truck No #12	

Price Reference No	# 1
Price of Job	665.00
Second Stage	
Mileage	607 135.00
Other Charges	
Total Charges	800.00

Remarks: Safety Meeting; Rig to 7" casing. Break circulation with 20 bbl fresh water. Mixed 115 SKS Thick Set Cement with 8" Gilsonite per/sk @ 13.3# per/sk. Shut down, wash out pump & lines. Release Plug. Displace with 61.5 bbl fresh water. Final Pumping Pressure 250 PSI. Bump Plug to 1000 PSI. Check Floats. Floats Held. Drop Trip Bomb. wait 5 minutes. Pressure up casing to 850 PSI. Stage Tool open. Good Fluid Returns to surface. Rig up to Mud Pump. wash out Excess Cement Above Stage Collar. Circulate with Mud Pump to let Bottom Stage Cement set up. Stage #1 Complete.

Cementor: Kevin McCoy
 Helper: Mike, Justin, Jim
 District: EUREKA
 State: KANSAS
 The above job was done under supervision of the owner, operator, or his agent whose signature appears below.
 Thank You
 Agent of contractor or operator: Robert Williams

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
115 SKS	Thick Set Cement	10.75	1236.25
920 #	Gilsonite 8" per/sk	.30	276.00
RECEIVED KANSAS CORPORATION COMMISSION			
JAN 13 2003			
4 Hrs	80 bbl VAC TRUCK	60.00	240.00
1	Load City water	15.00	15.00
CONSERVATION DIVISION WICHITA, KS			
1	7" Two Stage Cementing Collar - with Plugs	2,600.00	2,600.00
		115 SKS Handling & Dumping	.50 57.50
		6.32 Tons Mileage 60	.80 303.36
		Sub Total	5,528.11
Delivered from EUREKA		Discount	
Signature of operator: Kevin McCoy		Sales Tax	6.3% 348.27
		Total	5,876.38

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BLUE STAR ACID SERVICE, INC.

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PO Box 103
Eureka, Kansas 67045

Cementing Ticket and Invoice Number No. 3762

Date: 9-16-02
Customer Order No.:
Sec: 5 Twp: 32S Range: 15E
Truck Called Out: On Location: Job Began: PM 12:15 Job Completed: 12:50

Owner: LAYNE ENERGY
Contractor: LAYNE CHRISTENSEN COMPANY
Charge To: LAYNE ENERGY

Mailing Address: 1345 Highfield Crescent S.E.
City: CALGARY State: ALBERTA T2 6S2A2

Well No. & Fdm: C. Smith 4-5
Place: County: Montgomery State:

Depth of Well: 1548' Depth of Job: 909'
Size: 7" Weight: 20# Size of Hole Amt. and Kind of Cement: 165 SKS
Cement Left in casing by: Request: 2' (Necessary)

Kind of Job: Longstring - 2 Stage Collar set @ 909' Below K.B.
Drillpipe: Rotary Cable: Truck No. #12

Price Reference No. #1

Price of Job

Second Stage: 665.00

Mileage ON LOCATION N.C.

Other Charges

Total Charges: 665.00

Remarks: Safety Meeting: Rig up to 7" casing to cement top stage 909'. Break circulation with 20 bbl fresh water. Mixed 165 SKS Thick Set Cement @ 13.2 # PER GAL. Shut down. wash out pump & lines. Release closing plug. Displace with 36.75 bbl fresh water. final pumping pressure 250 PSI. Bump Plug to 1000 PSI. Stage Collar Closed. Release pressure shut casing in @ 0 PSI. Good cement returns to surface = 7 bbl slurry = 25 SKS. Job complete. Rig down.

Cement: Kevin McCoy
Helper: Mike, Justin, Jim
District: EUREKA State: KANSAS
The above job was done under supervision of the owner, operator, or his agent whose signature appears below.
Thank you x [Signature]
Agent of contractor or operator

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
165 SKS	Thick Set Cement	10.75	1773.75
4 hrs	80 BBL VAC TRUCK #13	60.00	240.00
1	Load City water	15.00	15.00
1	7" Centralizer	32.00	32.00
	165 SKS Handling & Dumping	.50	82.50
	9.07 Tons Mileage 60	.80	435.36
	Delivered by Truck No. #4		3243.61
	Delivered from EUREKA		
	Signature of operator: Kevin McCoy		
	Sub Total		
	Discount		
	Sales Tax 6.3%		204.35
	Total		3442.96