

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

12-7-08

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC

Operator: License # 33365  
Name: Layne Energy Operating, LLC  
Address: 1900 Shawnee Mission Parkway  
City/State/Zip: Mission Woods, KS 66205  
Purchaser: \_\_\_\_\_  
Operator Contact Person: M. B. Natrass  
Phone: (913) 748-3987  
Contractor: Name: Thornton Air Rotary  
License: 33606  
Wellsite Geologist: \_\_\_\_\_

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WICHITA, KS  
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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. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_  
8/11/2006 8/14/2006 8/29/2006  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 205-26743-00-00  
County: Wilson  
NE NE SE Sec. 36 Twp. 30 S. R. 14  East  West  
2147 feet from 6 N (circle one) Line of Section  
410 feet from E W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Davidson Well #: 9-36  
Field Name: Jefferson-Sycamore  
Producing Formation: Bartlesville Sand  
Elevation: Ground: 920 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1355 Plug Back Total Depth: 1170  
Amount of Surface Pipe Set and Cemented at 40 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1170  
feet depth to Surface w/ 120 sx cmt.

Drilling Fluid Management Plan Air Drilled 8-20-08  
(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: M.B. Natrass  
Title: Agent Date: December 7, 2006  
Subscribed and sworn to before me this 7 day of December  
2006  
Notary Public: Brooke C. Maxfield  
Date Commission Expires: 12/28/09

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

NOTARY PUBLIC - State Of Kansas  
BROOKE C. MAXFIELD  
My Appt. Exp. 12/28/09

Operator Name: Layne Energy Operating, LLC Lease Name: Davidson Well #: 9-36  
 Sec. 36 Twp. 30 S. R. 14  East  West County: Wilson

**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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pawnee Lime	866 GL	54
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Excello Shale	985 GL	-65
List All E. Logs Run:		V Shale	1053 GL	-133
Compensated Density Neutron Dual Induction		Mineral Coal	1095 GL	-175

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacjs Used	Type and Percent Additives
Surface	11	8.65	24	40'	Class A	8	Type 1 cement
Casing	6.75	4.5	10.5	1170'	Thick Set	120	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
	Open Hole 1170-1247'		
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		<b>WICHITA, KS</b>	

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>1157'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i>			
<u>9/18/2006</u>				
Estimated Production Per 24 Hours	Oil Bbls. <u>0</u>	Gas Mcf <u>34</u>	Water Bbls. <u>0</u>	Gas-Oil Ratio
				Gravity

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval  Other *(Specify)*

**GEOLOGIC REPORT**

LAYNE ENERGY  
Davidson 9-36  
NE SE, 2147 FSL, 410 FEL  
Section 36-T30S-R14E  
Wilson County, KS

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Spud Date: 8/11/2006  
Drilling Completed: 8/14/2006  
Logged: 8/14/2006  
A.P.I. #: 1520526743  
Ground Elevation: 920'  
Depth Driller: 1355'  
Depth Logger: 1355'  
Surface Casing: 8.625 inches at 40'  
Production Casing: 4.5 inches at 1170'  
Cemented Job: Consolidated  
Open Hole Logs: Dual Induction SFL/GR, High Resolution  
Compensated Density/Neutron

**Formation**

Lansing Group  
Pawnee Limestone  
Excello Shale  
"V" Shale  
Mineral Coal

**Tops (in feet below ground level)**

Surface (Stanton Limestone)  
866  
985  
1,053  
1,095

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WICHITA, KS

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# Daily Well Work Report

DAVIDSON 9-36  
8/11/2006

**Well Location:**  
WILSON KS  
30S-14E-36 NE NE SE  
2147S / 410E

**Cost Center** G01021700200  
**Lease Number** G010217  
**Property Code** KSSY30S14E3609  
**API Number** 15-205-26743

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID	
8/11/2006	8/14/2006		9/18/2006	9/15/2006	DAVIDSON_9_36	
TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size	Pump Seat Depth
1355	1170	40	1170			1170


**Reported By**                      **Rig Number**                      **Date**                      8/11/2006  
**Taken By**                                              **Down Time**  
**Present Operation**                                              **Contractor**

### Narrative

MIRU Thorton drilling rig, drilled 11" hole 40'deep. Rih w/2 jts 8-5/8" surface casing. Mixed 8 sks type 1 cement, dumped down the backside. SDFN.

**Cumulative Well Cost**                      \$ 51,905.00

**CONSOLIDATED OIL WELL SERVICES, INC.**  
 P.O. BOX 884, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

28 JTS  
 LAYNE@1170  


TICKET NUMBER 10541  
 LOCATION Eureka  
 FOREMAN Troy Strickler

**TREATMENT REPORT & FIELD TICKET  
 CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY												
8-15-06	4758	Davidson 9-36				Wilson												
CUSTOMER <u>Layne Energy</u>			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>446</td> <td>Calin</td> <td></td> <td></td> </tr> <tr> <td>442</td> <td>Jarid</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	446	Calin			442	Jarid		
TRUCK #	DRIVER	TRUCK #					DRIVER											
446	Calin																	
442	Jarid																	
MAILING ADDRESS <u>P.O. Box 160</u>																		
CITY <u>Sycamore</u>	STATE <u>Ks</u>	ZIP CODE	<table border="1"> <tr> <td colspan="4" style="text-align: center;">DEC 08 2006</td> </tr> <tr> <td colspan="4" style="text-align: center;">CONFIDENTIAL</td> </tr> </table>				DEC 08 2006				CONFIDENTIAL							
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JOB TYPE Longstring HOLE SIZE 6 7/8" HOLE DEPTH 1355' CASING SIZE & WEIGHT 4 1/2" 10.5#  
 CASING DEPTH 1170' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.2" SLURRY VOL 388bl WATER gal/blk 8" CEMENT LEFT in CASING 0'  
 DISPLACEMENT 18.6GAL DISPLACEMENT PSI 700 MIX PSI 1200 Pump Fly RATE \_\_\_\_\_

REMARKS: Safety Meeting! Rig up to 4 1/2" casing. Break circulation w/ 200bl water. Wash down 6' of sand to PBTD 1170'. Pump 40k Gel-Flush, 50bl water, 100bl metasilicate. 300bl water, 90bl Dye Water. Mixed 120cks Thick Set Cement w/ 10" Kel-Seal @ 13.2" Puffel. Wash out Pump & lines. Release Plug. Displace w/ 18.6 Bl water. Final Pump Pressure 700 PSI. Bump Fly to 1200 PSI. Wait 2 more. Release Pressure. Float Held. Good Cement to surface = 50bl slurry to pit.

Job Complete

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	800.00	800.00
5406	40	MILEAGE 2nd of 2 wells	3.15	126.00
1126A	120cks	Thick Set Cement	14.65	1758.00
1110A	1200"	Kel-Seal 10" Puffel	.36"	432.00
1118A	200"	Gel-Flush	.14"	28.00
1111A	50"	Metasilicate Per-Flush	1.65"	82.50
5407A	6.6 Ton	Ton-mileage Bulk Truck	1.05	277.20
4404	1	4 1/2" Top Rubber Plug	40.00	40.00
4129	12	4 1/2" Centralizers	36.00	432.00
2102A	2500"	RECEIVED KANSAS CORPORATION COMMISSION	.17"	425.00
		DEC 08 2006 Thank You!		
		CONSERVATION DIVISION WICHITA, KS	Sub Total	4274.70
		6.3%	SALES TAX	201.44
			ESTIMATED TOTAL	4476.14

AUTHORIZATION Called by John Ed. TITLE \_\_\_\_\_ DATE \_\_\_\_\_

12/07/08

*Layne Energy, Inc.*

1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205 Phone: (913) 748-3987 Fax: (913) 748-3970

December 7, 2006

Kansas Corporation Commission  
Oil & Gas Conservation Division  
130 S. Market, Room 2078  
Wichita, KS 67202

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CONSERVATION DIVISION  
WICHITA, KS

Re: Well Completion Form

To Whom It May Concern:

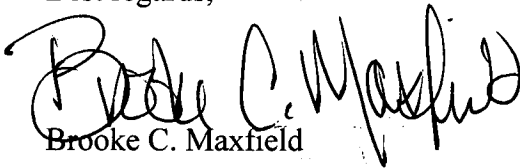
I have enclosed the ACO-1 form and associated data for the following wells:

API # 15-205-26743  
Davidson 9-36

We respectfully request that all information submitted be kept confidential and per provision E-4 of K.A. R. 82-3-107, we request that the term of the confidentiality be extended by one year.

If you need additional information or have any questions or comments, please contact me at (913) 748-3987.

Best regards,

  
Brooke C. Maxfield

Enclosures

Cc Well File  
Field Office

