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KANSAS CORPORATION COMMISSION

5/17/09

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KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

MAY 22 2007

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONSERVATION DIVISION  
WICHITA, KS

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 **KCC**  
Phone: (913) 748-3960 **MAY 17 2007**  
Contractor: Name: Thornton Air Rotary **CONFIDENTIAL**  
License: 33606

Wellsite Geologist: \_\_\_\_\_  
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. \_\_\_\_\_

1/23/2007 1/25/2007  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 125-31284-00-00  
County: Montgomery  
NE SE Sec. 5 Twp. 32 S. R. 14  East  West  
1703 feet from  N (circle one) Line of Section  
1225 feet from  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Cohee Well #: 9-5  
Field Name: Cherokee Basin Coal Area  
Producing Formation: Cherokee Coals  
Elevation: Ground: 848' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1523' Plug Back Total Depth: 1519'  
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 1519'  
feet depth to Surface w/ 160 sx cmt.

Drilling Fluid Management Plan **AH II NH 10-28 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: [Signature]  
Title: Agent Date: 5/21/07  
Subscribed and sworn to before me this 21 day of May  
20 07  
Notary Public: [Signature]  
Date Commission Expires: 10/14/2008

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

**MARGARET ALLEN**  
Notary Public - State of Kansas  
My Appt. Expires \_\_\_\_\_

Operator Name: Layne Energy Operating, LLC Lease Name: Cohee Well #: 9-5  
 Sec. 5 Twp. 32 S. R. 14  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 <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	911 GL -63
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Excello Shale	1060 GL -212
List All E. Logs Run:		V Shale	1109 GL -261
Compensated Density Neutron		Mineral Coal	1155 GL -307
Dual Induction		Mississippian	1411 GL -563

**KCC**  
 MAY 17 2007  
**CONFIDENTIAL**

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	21'	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1519'	Thick Set	160	

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
	SI-waiting on completion	<b>RECEIVED</b> <b>KANSAS CORPORATION COMMISSION</b>  <b>MAY 22 2007</b>  <b>CONSERVATION DIVISION</b> <b>WICHITA, KS</b>	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <b>SI - waiting on pipeline</b>		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	

MAY 22 2007

CONSERVATION DIVISION  
WICHITA, KS

# Daily Well Work Report

COHEE 9-5  
1/25/2007

**Well Location:**  
MONTGOMERY KS  
32S-14E-5 NE SE  
1703FSL / 1225FEL

**Cost Center** G01029500100  
**Lease Number** G010295  
**Property Code** KSSY32S14E0509  
**API Number** 15-125-31284

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Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
1/23/2007	1/25/2007				

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1523	1519	21	1519	0	0

**Reported By** KRD      **Rig Number**      **Date** 1/23/2007  
**Taken By** KRD      **Down Time**  
**Present Operation** Drill under surface, OH Log      **Contractor**

## Narrative

MIRU Thorton Drilling, drilled 11'hole,21' deep, rih w/1 jt 8-5/8" surface casing. Mixed 4 sxs type 1 cement, dumped dn the back side. SDFN. DWC: \$2,880

5

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

MAY 22 2007

TICKET NUMBER 16817  
 LOCATION Exxon  
 FOREMAN Rick Larson

CONSERVATION DIVISION  
 WICHITA, KS

**TREATMENT REPORT & FIELD TICKET  
 CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																
1-26-07	4758	Cohoe 9-5				MLK																
CUSTOMER			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>408</td> <td>Kyle</td> <td></td> <td></td> </tr> <tr> <td>441</td> <td>Jim</td> <td></td> <td></td> </tr> <tr> <td>436</td> <td>J.P.</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	408	Kyle			441	Jim			436	J.P.		
TRUCK #	DRIVER	TRUCK #	DRIVER																			
408	Kyle																					
441	Jim																					
436	J.P.																					
MAILING ADDRESS			603 Joni																			
CITY			STATE																			
Sycamore			KS																			
ZIP CODE																						

JOB TYPE longstring HOLE SIZE 6 3/4" HOLE DEPTH 1523 CASING SIZE & WEIGHT 4 1/2" 105#  
 CASING DEPTH 1518' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.2# BLURRY VOL 50 bbl WATER gal/bk 2" CEMENT LEFT IN CASING 0'  
 DISPLACEMENT 24.6 bbl DISPLACEMENT PSI 800 PSI 1200 RATE \_\_\_\_\_

REMARKS: Safety meeting. Rig up to 4 1/2" casing. Break circulation w/ 30 bbl  
fresh water. Pump to set gel-flush, 20 bbl fresh water spacer. LSK  
metasilicate pre-flush, 15 bbl dye water. Mixed 100 set thickset  
cement w/ 10" Ret-seal @ 13.2# @ 13.2# @ 13.2# @ 13.2# washout pump & lines, shut down  
release plug. Displace w/ 24.6 bbl fresh water. Final pump pressure 800 PSI.  
Pump plug to 1200 PSI, wait 2 mins. release pressure, float ball. Good cement  
returns to surface = 7 bbl slurry to pit. Job complete. Rig down.

"Thank You"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	840.00	840.00
5406	40	MILEAGE	3.30	132.00
1126A	160 lbs	thickset cement	15.40	2464.00
1110A	1600 #	Ret-seal 10" Ret-seal	.38	608.00
1118A	300 #	gel-flush	.15	45.00
1111A	50 #	metasilicate pre-flush	1.65	82.50
5407A	8.8	termination bulk tank	1.10	357.20
4404	1	4 1/2" top rubber plug	40.00	40.00
5502C	3 hrs	80 bbl var tax	90.00	270.00
1123	3000 gals	city water	12.80	3840.00
			Subtotal	4907.10
			SALES TAX	173.73
			ESTIMATED TOTAL	5080.83

Post-It® Fax Note 7671 Date 5/17/07 # of pages 1

To MAE From MICHELLE

Co./Dept. Co.

Phone # Phone #

Fax # 913/748/3950 Fax #

5.38  
 011659  
 DATE \_\_\_\_\_

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KANSAS CORPORATION COMMISSION

MAY 22 2007

CONSERVATION DIVISION  
WICHITA, KS

## GEOLOGIC REPORT

LAYNE ENERGY

Cohee 9-5

NE SE, 1703 FSL, 1225 FEL

Section 5-T32S-R14E

Montgomery County, KS

Spud Date: 1/23/2007  
Drilling Completed: 1/25/2007  
Logged: 1/25/2007  
A.P.I. #: 15125312840000  
Ground Elevation: 848'  
Depth Driller: 1523'  
Depth Logger: 1521'  
Surface Casing: 8.625 inches at 21'  
Production Casing: 4.5 inches at 1519'  
Cemented Job: 0  
Open Hole Logs: Dual Induction SFL/GR, High Resolution  
Compensated Density/Neutron

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### Formation

### Tops

	(below ground)	(subsea)
South Bend Limestone Member	Surface (Lansing Group)	848
Pawnee Limestone	911	-63
Excello Shale	1,060	-212
"V" Shale	1,109	-261
Mineral Coal	1,155	-307
Mississippian	1,411	-563