

ORIGINAL

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 # 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

**KCC**  
**AUG 17 2006**  
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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. \_\_\_\_\_

<u>4/24/2006</u>	<u>4/26/2006</u>	<u>7/7/2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-26517--00-60  
County: Wilson  
\_\_\_\_ NE NW Sec. 36 Twp. 30 S. R. 14  East  West  
660 feet from S /  (circle one) Line of Section  
1979 feet from E /  (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Gorton Well #: 3-36  
Field Name: Cherokee Basin Coal Area  
Producing Formation: Cherokee Coals  
Elevation: Ground: 924 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1482 Plug Back Total Depth: 1434  
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 1434  
feet depth to Surface w/ 150 sx cmt.

Drilling Fluid Management Plan AH II NH 8-27-08  
(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: \_\_\_\_\_ **RECEIVED**  
Lease Name: \_\_\_\_\_ **KANSAS CORPORATION COMMISSION**  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. WICHITA, KS  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_ **AUG 18 2006**

**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: MB Natrass  
Title: Agent Date: 8/17/06  
Subscribed and sworn to before me this 17<sup>th</sup> day of August,  
20 06.  
Notary Public: Margaret Allen  
Date Commission Expires: 10/14/2008

**MARGARET ALLEN**  
Notary Public - State of Kansas  
My Appt. Expires 10/14/2008

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

Operator Name: Layne Energy Operating, LLC Lease Name: Gorton Well #: 3-36  
 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  Yes  No  
*(Attach Additional Sheets)*

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
*(Submit Copy)*

List All E. Logs Run:

Compensated Density Neutron  
 Dual Induction

Name	Formation (Top), Depth and Datum	Sample
		<input type="checkbox"/>
		Top Datum
Pawnee Lime	888 GL 36	
Excello Shale	1007 GL -83	
V Shale	1076 GL -152	
Mineral Coal	1120 GL -196	
Mississippian	1380 GL -456	

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	# Sacs Used	Type and Percent Additives
Surface	11	8.65	24	40'	Class A	10	Type 1 cement
Casing	6.75	4.5	10.5	1434'	Thick Set	150	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ Plug Off Zone				

Shots Per Foot	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
	See Attached		

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	1249'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method:			
7/27/2006		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
	0	46	55		

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) \_\_\_\_\_

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AUG 17 2006  
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**Operator Name:** Layne Energy Operating, LLC.  
**Lease Name:** Gorton 3-36  
Sec. 36 Twp. 30S Rng. 14E, Wilson County  
**API:** 15-205-26517

<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
4	1204-1208, 1119.5-1121.5, 1076-1079	Weir, Mineral, Crowberg-6300# 20/40 sand, 900 gal 15% HCl acid, 502 bbls wtr	1076-1208
4	1056-1059.5, 1006-1012, 989-995.5	Bevier, Mulky, Summit-9100# 20/40 sand, 1600 gal 15% HCl acid, 704 bbls wtr	989-1059.5

**RECEIVED**  
KANSAS CORPORATION COMMISSION  
AUG 18 2006  
CONSERVATION DIVISION  
WICHITA, KS

**GEOLOGIC REPORT**

LAYNE ENERGY  
Gorton 3-36  
NE NW, 660 FNL, 1979 FWL  
Section 36-T30S-R14E  
Wilson County, KS

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Spud Date: 4/24/2006  
Drilling Completed: 4/26/2006  
Logged: 4/27/2006  
A.P.I. #: 1520526517  
Ground Elevation: 924'  
Depth Driller: 1482'  
Depth Logger: 1474'  
Surface Casing: 8.625 inches at 40'  
Production Casing: 4.5 inches at 1434.8'  
Cemented Job: 0  
Open Hole Logs: Dual Induction SFL/GR, High Resolution  
Compensated Density/Neutron

<b>Formation</b>	<b>Tops (in feet below ground level)</b>
Lansing Group	Surface (Stanton Limestone)
Pawnee Limestone	888
Excello Shale	1,007
"V" Shale	1,076
Mineral Coal	1,120
Mississippian	1,380

**RECEIVED**  
KANSAS CORPORATION COMMISSION  
AUG 18 2006  
CONSERVATION DIVISION  
WICHITA, KS



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

KCC

AUG 17 2006

CONFIDENTIAL

TREATMENT REPORT & FIELD TICKET  
 CEMENT

TICKET NUMBER 09851  
 LOCATION EUREKA  
 FOREMAN Kevin McCoy

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-27-06	4758	Gorton 3-36				Wilson
CUSTOMER <b>Layne Energy</b>			Gus Jones Rig 2			
MAILING ADDRESS P.O. Box 160						
CITY Sycamore	STATE Ks	ZIP CODE	TRUCK #	DRIVER	TRUCK #	DRIVER
			445	RICK L.		
			440	CALIN		

JOB TYPE Logstring HOLE SIZE 6 3/4 HOLE DEPTH 1445' CASING SIZE & WEIGHT 4 1/2 10.5# NEW  
 CASING DEPTH 1434' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.2# SLURRY VOL 47 BBL WATER gal/sk 8.0 CEMENT LEFT in CASING 0'  
 DISPLACEMENT 22.8 BBL DISPLACEMENT PSI 700 ~~PSI~~ 1200 Bump Plug RATE

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. BREAK CIRCULATION w/ 30 BBL Fresh water. Pump 4 sks Gel Flush, 5 BBL water spacer, 10 BBL Metasilicate Pre Flush, 15 BBL Dye water. Mixed 150 sks Thick Set Cement w/ 10# Kol-Seal per/sk @ 13.2# per/gal, yield 1.75. wash out Pump & Lines, Shut down. Release Plug. Displace w/ 22.8 BBL Fresh water. Final Pumping Pressure 700 PSI. Bump Plug to 1200 PSI. wait 2 minutes. Release Pressure. Float Held. Good Cement Returns to SURFACE = 8 BBL Slurry. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	800.00	800.00
5406	40	MILEAGE 1 <sup>st</sup> well of 3	3.15	126.00
1126A	150 SKS	Thick Set Cement	14.65	2197.50
1110A	1500 #	KoL-Seal 10# per/sk	.36 #	540.00
1118A	200 #	Gel Flush	.14 #	28.00
1111A	50 #	Metasilicate Pre Flush	1.65 #	82.50
5407A	8.25 Tons	40 miles BULK TRUCK	1.05	346.50
4404	1	4 1/2 Top Rubber Plug	40.00	40.00
RECEIVED KANSAS CORPORATION COMMISSION AUG 18 2006 CONSERVATION DIVISION WICHITA, KS				
			Sub Total	4160.50
		Thank you	SALES TAX 6.3%	181.94
		204968	ESTIMATED TOTAL	4342.44

AUTHORIZATION Called By John Ed TITLE \_\_\_\_\_ DATE \_\_\_\_\_

08/17/06

*Layne Energy, Inc.*

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

August 17, 2006

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KANSAS CORPORATION COMMISSION  
AUG 18 2006  
CONSERVATION DIVISION  
WICHITA, KS

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

Re: Well Completion Form

To Whom It May Concern:

KCC  
AUG 17 2006  
CONFIDENTIAL

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

API # 15-205-26517  
Gorton 3-36

API # 15-205-26427  
Katzner 5-23

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,

Theresa Enright

Enclosures

Cc Well File  
Field Office

