

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

1/13/09

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: McPherson Drilling
License: 5675

KCC
JAN 03 2007
CONFIDENTIAL

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. _____

9/6/2006 9/8/2006
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-31147-00-00

County: Montgomery

____ NE SE Sec. 28 Twp. 31 S. R. 16 East West

1956 feet from N (circle one) Line of Section

668 feet from W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Heckman Well #: 9-28

Field Name: Jefferson-Sycamore

Producing Formation: Cherokee Coals

Elevation: Ground: 802 Kelly Bushing: _____

Total Depth: 1062 Plug Back Total Depth: 1023

Amount of Surface Pipe Set and Cemented at 20' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1023

feet depth to Surface w/ 105 sx cmt.

Drilling Fluid Management Plan Alt II NH 9-9-08
(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: MB Natrass

Title: Agent Date: 1/2/07

Subscribed and sworn to before me this 2 day of January

07

Notary Public: Brooke C. Maxfield

Date Commission Expires: 12/28/09

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

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

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 03 2007

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Heckman Well #: 9-28
 Sec. 28 Twp. 31 S. R. 16 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 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

KCC
 JAN 03 2007
 CONFIDENTIAL

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Pawnee Lime	513 GL	289
Excello Shale	663 GL	139
V Shale	714 GL	88
Mineral Coal	755 GL	47

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	20'	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1023'	Thick Set	105	

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 (Amount and Kind of Material Used)	Depth
	SI - waiting on completion		
		RECEIVED KANSAS CORPORATION COMMISSION JAN 03 2007 CONSERVATION DIVISION WICHITA, KS	

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.		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 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
 (If vented, Submit ACO-18.) Other (Specify) _____

Daily Well Work Report

HECKMAN 9-28
9/6/2006

Well Location:
MONTGOMERY KS
31S-16E-28 NE SE
1956FSL / 668FEL

Cost Center C01015800400
Lease Number C010158
Property Code COLT-PUD0019
API Number 15-125-31147

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID	
9/6/2006	9/8/2006					
TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size	Pump Seat Depth
1062	1023	20	1023			1023

Reported By **Rig Number** **Date** 9/6/2006
Taken By **Down Time**
Present Operation **Contractor**

Narrative

MIRU McPherson drilling, drilled 11" hole, 20' deep, rih w/1 jt 8-5/8" surface casing, mixed 4 sxs type 1 cement, dumped down the backside. SDFN.

KCC
JAN 03 2007
CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 03 2007
CONSERVATION DIVISION
WICHITA, KS

CONSOLIDATED OIL WELL SERVICES, INC.
 P.O. BOX 884, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8678

KCC

JAN 03 2007

CONFIDENTIAL

TICKET NUMBER 10710
 LOCATION EUREKA
 FOREMAN RICK LEONARD

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
9-11-06	975A	HECKMAN 9-28				MG	
CUSTOMER <u>LAYNE ENERGY</u>			GWS Jones				
MAILING ADDRESS <u>P.O. Box 160</u>							
CITY <u>Sycamore</u>		STATE <u>KS</u>	ZIP CODE	TRUCK #	DRIVER	TRUCK #	DRIVER
				<u>463</u>	<u>Alan</u>		
				<u>479</u>	<u>Kyle</u>		

JOB TYPE logstring HOLE SIZE 6 3/4" HOLE DEPTH _____ CASING SIZE & WEIGHT 4 1/2" 18.5"
 CASING DEPTH 1023' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.2 # SLURRY VOL _____ WATER gal/sk 8.0 CEMENT LEFT IN CASING 0'
 DISPLACEMENT 16.3 Bbl DISPLACEMENT PSI 500 ~~PSI~~ 1000 RATE _____

REMARKS: Safety meeting. Rig up to 4 1/2" casing. Break circulation w/ 25 Bbl fresh water. Pump 4 sacks gel-flush, 5 Bbl fresh water spacer, 1 sk Metasilicate pre-flush, 8 Bbl dye water mixed 105 sks thickset cement w/ 10# Kal-seal @ 13.2 #/sk. Washout pump & lines, release plug. Displace w/ 16.3 Bbl fresh water. Final pump pressure 500 PSI. Pump plug to 1000 PSI. Wait 2 mins release pressure, float held. Good cement return to surface = 8 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	800.00	800.00
5406	40	MILEAGE	3.15	126.00
1126A	105 SKS	Thickset cement	14.65	1538.25
1110A	1050 #	Kal-seal 10# @ 13.2 #/sk	.36	378.00
1118A	200 #	Gel-flush	.14	28.00
1111A	50 #	Metasilicate pre-flush	1.65	82.50
5407	5.75	Ton-mileage - Bulk TRK	m/c	275.00
4404	1	4 1/2" top rubber plug	40.00	40.00

Post-It Fax Note 7671 Date 12/21/06 # of pages 5

To Brooke From Michelle

Co./Dept. _____ Co. _____

Phone # 913-748-3950 Phone # _____

Fax # _____ Fax # _____

RECEIVED
 KANSAS CORPORATION COMMISSION
 JAN 03 2007
 CONSERVATION DIVISION
 WICHITA, KS

Subtotal	3267.75
SALES TAX 5.5%	181.59
ESTIMATED TOTAL	3449.34

208851

AUTHORIZATION Called by John Ed TITLE _____ DATE _____

GEOLOGIC REPORT

LAYNE ENERGY
Heckman 9-28
NE SE, 1956 FSL, 668 FEL
Section 28-T31S-R16E
Montgomery County, KS

KCC
JAN 03 2007
CONFIDENTIAL

Spud Date:	9/6/2006
Drilling Completed:	9/8/2006
Logged:	9/8/2006
A.P.I. #:	1512531147
Ground Elevation:	802'
Depth Driller:	1062'
Depth Logger:	1063'
Surface Casing:	8.625 inches at 20'
Production Casing:	4.5 inches at 1023.4'
Cemented Job:	Consolidated
Open Hole Logs:	Dual Induction SFL/GR, High Resolution Compensated Density/Neutron

Formation

Kansas City Group
Pawnee Limestone
Excello Shale
"V" Shale
Mineral Coal

Tops (in feet below ground level)

Surface (Nellie Bly Formation)
513
663
714
755

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 03 2007
CONSERVATION DIVISION
WICHITA, KS

1/3/09

Layne Energy, Inc.

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

January 2, 2007

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

KCC
JAN 03 2007
CONFIDENTIAL

Re: Well Completion Form

To Whom It May Concern:

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

API # 15-125-31147
Heckman 9-28

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

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 03 2007
CONSERVATION DIVISION
WICHITA, KS

