

2-27-09

Form ACO-1
September 1999
Form Must Be Typed

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

CONFIDENTIAL

WELL COMPLETION FORM

ORIGINAL

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) 748-3960
Contractor: Name: Thornton Air Rotary
License: 33606

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Wellsite Geologist: _____
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. _____

11/1/2006	11/3/2006	11/10/2006
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31249 -00-00
County: Montgomery
____ NW SE Sec. 17 Twp. 31 S. R. 14 East West
1981 feet from N (circle one) Line of Section
2070 feet from W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Greer Well #: 10-17
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 880 Kelly Bushing: _____
Total Depth: 1523 Plug Back Total Depth: 1518
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 1518
feet depth to Surface w/ 155 sx cmt.

Drilling Fluid Management Plan AH II NH9-2508
(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: 2/27/07
Subscribed and sworn to before me this 27 day of February
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
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CONSERVATION DIVISION
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Greer Well #: 10-17
 Sec. 17 Twp. 31 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 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

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Pawnee Lime	931 GL	-51
Excello Shale	1059 GL	-179
V Shale	1122 GL	-242
Mineral Coal	1166 GL	-286
Mississippian	1450 GL	-570

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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	20'	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1518'	Thick Set	155	

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		

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TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	1195'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
SI - waiting on pipeline		<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 (If vented, Submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval Other (Specify) _____

Operator Name: Layne Energy Operating, LLC.
Lease Name: Greer 10-17
Sec. 17 Twp. 31S Rng. 14E, Montgomery County
API: 15-125-31249

Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1165-1167, 1123-1125.5, 1104.5-1106	Mineral, Croweburg, Bevier - 6,100# 20/40 sand, 450 bbls wtr, 700 gal 15% HCl acid	1104.5-1167
4	1059.5-1064.5, 1043-1047.5, 966.5-968, 928.5-930	Mulky, Summit, Lexington, Mulberry - 8,000# 20/40 sand, 605 bbls wtr, 1,750 gal 15% HCl acid	928.5-1064.5

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Daily Well Work Report

GREER 10-17

11/3/2006

Well Location:
MONTGOMERY KS
31S-14E-17 NW SE
1981FSL / 2070FEL

Cost Center G01024500100
Lease Number G010245
Property Code KSSY31S14E1710
API Number 15-125-31249

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
11/1/2006	11/3/2006	11/10/2006		12/12/2006	GREER_10_17
TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1523	1518	20	1518	0	0

Reported By krd **Rig Number** **Date** 11/1/2006
Taken By krd **Down Time**
Present Operation DRILL OUT FROM UNDER SURFACE **Contractor** THORNTON ROTARY

Narrative

MIRU THORNTON ROTARY DRILLING, DRILLED 11" HOLE, 20' DEEP. RIH W/1 JT 8-5/8" SURFACE CASING. MIXED 4 SXS TYPE 1 CEMENT, DUMPED DOWN THE BACK SIDE. SDFN

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

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TICKET NUMBER 16493
 LOCATION Eureka
 FOREMAN Troy Strickler

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 TREATMENT REPORT OLD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-16-06	4758	Greer 10-17				MG

CUSTOMER
Layne Energy
 MAILING ADDRESS
P.O. Box 1160
 CITY
Symamore STATE
Ks ZIP CODE

Gus Jones #1

TRUCK #	DRIVER	TRUCK #	DRIVER
446	Cliff		
479	Jeff		

JOB TYPE Logstring HOLE SIZE 6 3/4" HOLE DEPTH 1530' CASING SIZE & WEIGHT 4 1/2" Casing
 CASING DEPTH 1518 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.2" SLURRY VOL _____ WATER gal/sk 80 CEMENT LEFT in CASING 0'
 DISPLACEMENT 24.18bl DISPLACEMENT PSI 800 MIX PSI 1300 Bump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2" Casing. Break Circulation w/ 30 Bbl Water. Pump back Gel-Flush, 5 Bbl water spacer, 1sk Metasilicate, 20 Bbl water. 15 Bbl Dye water. Mixed 155sks Thick Set Cement w/ 10" Kal-Seal @ 13.2" Pptal. Wash out Pump + lines. Release Plug- Displace w/ 24.18bl water. Final Pumping Pressure 800 PSI. Bump Plug to 1300 PSI. Wait 2mins. Release Pressure. Float Held. Good Cement to Surface - 8 Bbl 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	3.15	126.00
1126A	155 sks	Thick Set Cement	14.65	2270.75
1110A	1550 #	Kal-Seal 10" Pptal	.36	558.00
1118A	300 #	Gel-Flush	.14	42.00
1111A	50 #	Metasilicate	1.65	82.50
5407A	8.52 Tons	40 miles Bulk Truck	1.05	357.84
4404	1	4 1/2" Tap Rubber Plug	40.00	40.00
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WICHITA, KS				
Thank You!			Sub Total	4277.09
			5.3%	SALES TAX
				ESTIMATED
				TOTAL
				4435.73

210395

AUTHORIZATION Called by John Ed TITLE _____ DATE _____

GEOLOGIC REPORT

LAYNE ENERGY
Greer 10-17
NW SE, 1981 FSL, 2070 FEL
Section 17-T31S-R14E
Montgomery County, KS

Spud Date:	11/1/2006
Drilling Completed:	11/3/2006
Logged:	11/3/2006
A.P.I. #:	1512531249
Ground Elevation:	880'
Depth Driller:	1523'
Depth Logger:	1521'
Surface Casing:	8.625 inches at 20'
Production Casing:	4.5 inches at 1518'
Cemented Job:	Consolidated
Open Hole Logs:	Dual Induction SFL/GR, High Resolution Compensated Density/Neutron

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Formation	Tops (in feet below ground level)
Kansas City Group	Surface (Cherryvale Formation)
Pawnee Limestone	931
Excello Shale	1,059
"V" Shale	1,122
Mineral Coal	1,166
Mississippian	1,450

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2-27-09

Layne Energy, Inc.

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

February 27, 2007

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

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KANSAS CORPORATION COMMISSION
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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 # 15-125-31249
Greer 10-17

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) 748-3960.

Best regards,


Brooke C. Maxfield

Enclosures

Cc Well File
Field Office

