

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL 10/15/09

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: Timothy H. Wright
Phone: (913) 748-3960
Contractor: Name: Thornton Air Rotary
License: 33606
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. _____

<u>6/25/2007</u>	<u>6/27/2007</u>	<u>9/18/2007</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31344-00-00
County: Montgomery
_____-_____-_____-NW-SE Sec. 14 Twp. 32 S. R. 13 East West
1981 feet from S/ N (circle one) Line of Section
1978 feet from E/ W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Darbro Well #: 10-14
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 920' Kelly Bushing: _____
Total Depth: 1560' Plug Back Total Depth: 1552'
Amount of Surface Pipe Set and Cemented at 143 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1552
feet depth to Surface w/ 155 sx cmt.

Drilling Fluid Management Plan AK IINJ 32309
(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: 10/15/07
Subscribed and sworn to before me this 15 day of October,
2007.
Notary Public: MacLaughlin Darline
Date Commission Expires: 1-4-2009

MacLAUGHLIN DARLINE
Notary Public - State of Kansas
My Appt. Expires 1-4-2009

KCC Office Use ONLY

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

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OCT 16 2007

Operator Name: Layne Energy Operating, LLC Lease Name: Darbro Well #: 10-14
 Sec. 14 Twp. 32 S. R. 13 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Compensated Density Neutron Dual Induction	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>1043 GL</td> <td>-123</td> </tr> <tr> <td>Excello Shale</td> <td>1180 GL</td> <td>-260</td> </tr> <tr> <td>V Shale</td> <td>1228 GL</td> <td>-308</td> </tr> <tr> <td>Mineral Coal</td> <td>1273 GL</td> <td>-353</td> </tr> <tr> <td>Mississippian</td> <td>1542 GL</td> <td>-622</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	1043 GL	-123	Excello Shale	1180 GL	-260	V Shale	1228 GL	-308	Mineral Coal	1273 GL	-353	Mississippian	1542 GL	-622
Name	Top	Datum																	
Pawnee Lime	1043 GL	-123																	
Excello Shale	1180 GL	-260																	
V Shale	1228 GL	-308																	
Mineral Coal	1273 GL	-353																	
Mississippian	1542 GL	-622																	

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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	# Sacjs Used	Type and Percent Additives
Surface	11"	8.625"	24	143'	Class A	75	Type 1 cement
Casing	6.75"	4.5"	10.5	1552'	Thick Set	155	#10 KOL seal @ sx

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
	See Attached Page		

TUBING RECORD	Size 2-3/8"	Set At 1354'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 9/27/2007		Producing Method <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 Bbls. 0	Gas Mcf 29	Water Bbls. 0	Gas-Oil Ratio Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease
 Open Hole Perf. Dually Comp. Commingled

(If vented, Submit ACO-18.) *(Specify)*

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 WICHITA, KS

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Darbro 10-14		
	Sec. 14 Twp. 32S Rng. 13E, Montgomery County		
API:	15-125-31344-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations			
4	Mineral 1273' - 1274.5' V-Shale 1229' - 1233' Bevier 1208' - 1209.5'	7900 lbs 20/40 sand 596 bbls water 750 gals 15% HCl acid	1208' - 1274.5'
4	Mulky 1180.5' - 1186' Summit 1158' - 1161'	10800 lbs 20/40 sand 660 bbls water 565 gals 15% HCl acid	1158' - 1186'

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TOPEKA, KS

GEOLOGIC REPORT

LAYNE ENERGY
Darbro 10-14
NW SE, 1981 FSL, 1978 FEL
Section 14-T32S-R13E
Montgomery County, KS

Spud Date: 6/25/2007
Drilling Completed: 6/27/2007
Logged: 6/27/2007
A.P.I. #: 15125313440000
Ground Elevation: 920'
Depth Driller: 1560'
Depth Logger: 1555'
Surface Casing: 8.625 inches at 144'
Production Casing: 4.5 inches at 1552'
Cemented Job: 0
Open Hole Logs: Dual Induction SFL/GR, High Resolution
Compensated Density/Neutron

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Formation	Tops	
	(below ground)	(subsea)
	Surface (Stranger Formation)	920
Douglas Group		
Pawnee Limestone	1,043	-123
Excello Shale	1,180	-260
"V" Shale	1,228	-308
Mineral Coal	1,273	-353
Mississippian	1,542	-622

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CONSERVATION DIVISION
WICHITA, KS

Daily Well Work Report

DARBRO 10-14

6/25/2007

Well Location:
MONTGOMERY KS
32S-13E-14 NW SE
1981FSL / 1978FEL

Cost Center G01029600100
Lease Number G010296
Property Code KSLE32S13E1410
API Number 15-125-31344

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
6/25/2007	6/27/2007	9/18/2007		9/21/2007	DARBRO_10_14
TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1560	1552	143	1552		

Reported By krd **Rig Number** **Date** 6/25/2007
Taken By krd **Down Time**
Present Operation Drill Out from Under Surface **Contractor** Thornton Air Rotary

Narrative

MIRU Thorton Drilling, drilled 11' hole, 143' deep, rih w/7 jts 8-5/8" surface casing. MIRU Consolidated to 8-5/8, break circulation w/10 bbls fresh water. Mixed 75 sks regular cement w 2% caclz and 22% gel @ 14.8 per gallon. Displace with 7-3/4 bbls fresh water. Shut casing in w/good cement returns. RD Conosolidated MO. DWC \$5,072

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Friday, October 05, 2007

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MONTGOMERY KS

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

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TICKET NUMBER 12037 5
 LOCATION EURORA
 FOREMAN KEVIN MCCOY

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-28-07	4758	DARBO 10-14				MS
CUSTOMER <u>Layne Energy</u>			Gus Jones Rig 1			
MAILING ADDRESS <u>P.O. Box 160</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY <u>Sycamore</u>			<u>445</u>	<u>CLIFF</u>		
STATE <u>Ks</u>	ZIP CODE		<u>479</u>	<u>JEFF</u>		

JOB TYPE longstain HOLE SIZE 6 3/4 HOLE DEPTH 1560' CASING SIZE & WEIGHT 4 1/2 10.5" new
 CASING DEPTH 1562 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.2" SLURRY VOL 48 BBL WATER gal/sk 8.0 CEMENT LEFT in CASING 0'
 DISPLACEMENT 25 BBL DISPLACEMENT PSI 700 BUMP PSI 1200 Bump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2 Casing. BREAK Circulation w/ 20 BBL Fresh water. Pump 8 hrs 60L flush w/ Halls, 5 BBL water spacer, 20 BBL Metasilicate Pro Flush, 5 BBL water spacer, 17 BBL Dye water. Mixed 155 sacks 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/ 25 BBL Fresh water. Final Pumping Pressure 700 psi. Bump Plug to 1200 psi. wait 2 Minutes. Release Pressure. Float Hold. Good Cement Returns to Surface = 9 BBL Slurry. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	840.00	840.00
5406	40	MILEAGE <u>1 1/2</u> well of 2	3.30	132.00
1126 A	155 sacks	Thick Set Cement	15.10	2340.00
1110 A	1550 "	Kol-Seal 10" per/sk	.30	465.00
1118 A	400 "	Gel Flush	.15	60.00
1105	50 "	Halls	.36	18.00
1102	80 "	CaCl2	.67	53.60
1111 A	100 "	Metasilicate Pro Flush	1.65	165.00
5407 A	8.52 Tons	40 miles DUCK TRUCK	1.19	1013.48
4404	1	4 1/2 Top Rubber Plug	40.00	40.00
			Sub Total	3659.18
			SALES TAX 5.3%	194.57
			ESTIMATED KANSAS CORPORATION COMMISSION	4005.05

THANK YOU
 214415

AUTHORIZATION Called By Gus Jones TITLE Contractor

OCT 16 2007

CONSERVATION DIVISION
 WICHITA, KS

4835.05

