

CONFIDENTIAL

ORIGINAL 2/23/11

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: Timothy H. Wright
Phone: (913) 748-3960
Contractor: Name: Thornton Air Rotary
License: 33606 FEB 27 2009

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. _____
11/26/2008 12/2/2008 Pending
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-31821-00-00
County: Montgomery
____ NW ____ NW ____ SW Sec. 25 Twp. 32 S. R. 13 East West
2266 feet from N (circle one) Line of Section
394 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Culp Well #: 12-25
Field Name: Cherokee Basin Coal Area

Producing Formation: Cherokee Coals
Elevation: Ground: 953' Kelly Bushing: _____
Total Depth: 1625' Plug Back Total Depth: 1591'
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 1591
feet depth to Surface w/ 90 sx cmt.

Drilling Fluid Management Plan
(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.: _____

Alt 2 - Dig - 4/10/09

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: _____
Title: Project Engineer Date: 2/22/09
Subscribed and sworn to before me this 22 day of February,
20 09.
Notary Public: MacLaughlin Darling
Date Commission Expires: 1-4-2013

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
RECEIVED
KANSAS CORPORATION COMMISSION
FEB 24 2009
CONSERVATION DIVISION
WICHITA, KS

MACLAUGHLIN DARLING
Notary Public - State of Kansas
My Appt. Expires: 1-4-2013

KCC

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Side Two

12-25

Operator Name: Layne Energy Operating, LLC Lease Name: Culp
 Sec. 25 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 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	1076 GL	-123
Excello Shale	1217 GL	-264
V-Shale	1263 GL	-310
Mineral Coal	1308 GL	-355
Mississippian	1581 GL	-628

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	21'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1011'	Thick Set	90	50/50 posmix w/2% gel

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
				Depth

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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					
Pending		<input type="checkbox"/> Flowing <input 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		

Disposition of Gas METHOD OF COMPLETION Production Interval

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

Layne Energy, Inc.

1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205 Phone: (913) 748-3987 Fax: (913) 748-3950

February 23, 2009

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FEB 23 2009
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Mr. Steve Bond
Kansas Corporation Commission
Oil & Gas Conservation Division
130 S. Market, Room 2078
Wichita, KS 67202

Re: Well Completion Form

Dear Mr. Bond:

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

API # 15-125-31821-00-00
Culp 12-25

We respectfully request that all information submitted be kept confidential. 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, please contact me at (913) 748-3960.

Sincerely,

MacLaughlin Darling

MacLaughlin Darling
Engineering Technician

Enclosures



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GEOLOGIC REPORT

LAYNE ENERGY
Culp 12-25
NW NW SW, 2266 FSL, 394 FWL
Section 25-T32S-R13E
Montgomery County, KS

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Spud Date: 11/26/2008
Drilling Completed: 1/0/1900
Logged: 12/2/2008
A.P.I. #: 15125318210000
Ground Elevation: 953'
Depth Driller: 1625'
Depth Logger: 1623'
Surface Casing: 8.625 inches at 21'
Production Casing: 4.5 inches at 1591'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, Litho Density /
Neutron Logs

Formation	Tops	
	(below ground)	(subsea)
Tonganoxie SS & Latin LS	Surface (Stranger)	953
Pawnee Limestone	1,076	-123
Excello Shale	1,217	-264
"V" Shale	1,263	-310
Mineral Coal	1,308	-355
Mississippian	1,581	-628

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Daily Well Work Report

CULP 12-25
12/2/2008

Well Location:
MONTGOMERY KS
32S-13E-25 NW NW SW
2266FSL / 394FWL

Cost Center G01050600100
Lease Number G010506
Property Code KSLE32S13E2512
API Number 15-125-31821

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
11/26/2008	12/2/2008				

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1625	1591	21	1591	0	0

Reported By KRD	Rig Number	Date 11/26/2008
Taken By KRD		Down Time
Present Operation DRILL OUT SURFACE		Contractor THORNTON ROTARY

Narrative

MIRU THORNTON DRILLING, DRILLED 11" HOLE 21' DEEP, RIH W/1JT 8-5/8" SURFACE CASING. MIXED 4 SXS TYPE 1 CEMENT, DUMPED DOWN THE BACKSIDE. SDFN. DWC:\$2,880

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CONSOLIDATED
Oil Well Services, L.L.C.

ENTERED KCC
FEB 23 2009

TICKET NUMBER 20673
LOCATION Enoch
FOREMAN Troy Stricker

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FIELD TICKET & TREATMENT REPORT
CEMENT

PO Box 884, Chanute, KS 66720
820-431-9210 or 800-467-9676

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-3-08	4758	Culp 12-25				MO
CUSTOMER <u>Layne Energy</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>P.O. Box 160</u>			<u>520</u>	<u>Cliff</u>		
CITY <u>Sycamore</u>			<u>439</u>	<u>Calin</u>		
STATE <u>Ks</u>			<u>491</u>	<u>Bobby</u>	<u>Elwood</u>	
ZIP CODE						

Gas
Junk

JOB TYPE 4/s HOLE SIZE 6 3/4" HOLE DEPTH 1025' CASING SIZE & WEIGHT 4 1/2" 10.5"
 CASING DEPTH 1591' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.2 13.2" SLURRY VOL 53 cu WATER gal/sk 6'-8.0" CEMENT LEFT in CASING _____
 DISPLACEMENT 25.36 DISPLACEMENT PSI 700 MIX PSI 1200 RATE _____

REMARKS: Safety Meeting! Rig up to 4 1/2" casing. Break Circulation w/ 5000 water.
Pump 100sk Gal-Flush w/ Hulls 280 Water spacer. Mixed 100sk 50/50 Poz-Mix
Cement w/ 2% Cacl2, 2% Gel, 4"/sk Kol-Seal, 3"/sk Cal-seal, 1/2" Phenoreal, 1/2% CFL-110,
+ 1/4% CAF-38 @ 13.9 gal. Tail in w/ 90sk Thick Set Cement w/ 8"/sk Kol-Seal @
13.2 gal. Wash out pump + line. Release Plug. Displace w/ 25.36 cu water.
Final Pumping Pressure 700 PSI. Bump Plug to 1200 PSI. wait 2 min.
Release Pressure. Float Held. Good Cement to surface = 10' of Slurry
to pit. Job Complete.
(Displaced @ 4:45pm)

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	925.00	925.00
5406	40	MILEAGE	3.45	138.00
1129	100sk	50/50 Poz-Mix Cement	9.75	975.00
1102	170"	Cacl2 2%	.75	127.50
1118A	170"	Gel 2%	.17	28.90
1110A	400"	Kol-Seal 4"/sk	.43	168.00
1101	300"	Cal-Seal 3"/sk	.36	108.00
1107A	24"	Phenoreal 1/2"/sk (In All Cement)	1.15	27.60
1135	100"	CFL-110 1/2% (In All Cement)	7.50	750.00
1146	50"	CAF-38 1/4% (In All Cement)	7.70	385.00
1126A	90sk	Thick Set Cement	17.00	1530.00
1110A	720"	Kol-Seal 8"/sk	.43	302.40
1118A	500"	Gel-Flush	.17	85.00
1105	50"	Hulls	.39	19.50
5407	9.13 Ton	Ton-Mileage	mike 2	620.00
4404	1	4 1/2" Top Rubber Ay	45.00	45.00
			SUBTOTAL	6252.90
			5.3%	SALES TAX
				ESTIMATED
				TOTAL

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CONSERVATION DIVISION
WICHITA, KS

Thank You!

007849

AUTHORIZATION Witnessed by Jacob

TITLE Co-Rep

DATE _____

6494.16

Rev 3737