

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

8/29/10

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 SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows: CONFIDENTIAL

Operator: _____
Well Name: Aug 29 2008
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>6/25/2008</u>	<u>6/26/2008</u>	<u>7/25/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31640-00-00
County: Montgomery
_____ SE SE Sec. 34 Twp. 31 S. R. 16 East West
793 feet from N (circle one) Line of Section
646 feet from W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Eidson Well #: 16-34
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 899' Kelly Bushing: _____
Total Depth: 1174' Plug Back Total Depth: 1173'
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 1173
feet depth to Surface w/ 160 sx cmt.

Drilling Fluid Management Plan Alt II NH 10-16-08
(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: [Signature]
Title: Agent Date: 8/29/2008

Subscribed and sworn to before me this 28 day of August
20 08.

Notary Public: MacLaughlin Darling
Date Commission Expires: 1-4-2009

KCC Office Use ONLY
 Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
RECEIVED
KANSAS CORPORATION COMMISSION
SEP 02 2008

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

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Eidson Well #: 16-34
 Sec. 34 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pawnee Lime	609 GL	290
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Excello Shale	758 GL	142
List All E. Logs Run:		V-Shale	809 GL	90
Compensated Density Neutron		Mineral Coal	853 GL	46
Dual Induction		Mississippian	1170 GL	-271

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"	8.625"	24	21'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1173'	Thick Set	160	50/50 posmix w/2% gel

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	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2-3/8"	1125'			
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
7/30/2008			<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i>			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	0	1	0			

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <input type="checkbox"/> Other <i>(Specify)</i>	

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 SEP 02 2008
 CONSERVATION DIVISION
 WICHITA, KS

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Eidson 16-34		
	Sec. 34 Twp. 31S Rng. 16E, Montgomery County		
API:	15-125-31640-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations (July 2008)			
4	Riverton 1153.5' - 1156.5'	3400 lbs 20/40 sand 395 bbls water 414 gals 15% HCl acid	1153.5' - 1156.5'
4	Rowe 1101' - 1103'	2500 lbs 20/40 sand 202 bbls water 450 gals 15% HCl acid	1101' - 1103'
4	Bluejacket 983.5' - 985' Tebo 913' - 914.5'	4900 lbs 20/40 sand 315 bbls water 400 gals 15% HCl acid	913' - 985'
4	Mineral 852.5' - 854.5' Croweburg 809.5' - 812.5' Iron Post 786.5' - 788'	8100 lbs 20/40 sand 488 bbls water 650 gals 15% HCl acid	786.5' - 854.5'
4	Mulky 758' - 762.5'	6700 lbs 20/40 sand 310 bbls water 300 gals 15% HCl acid	758' - 762.5'
4	Summit 732' - 734'	2900 lbs 20/40 sand 161 bbls water 450 gals 15% HCl acid	732' - 734'

10/2/08
 10/2/08
 KCC

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 WICHITA, KS

GEOLOGIC REPORT

LAYNE ENERGY
Eidson 16-34
SE SE, 793 FSL, 646 FEL
Section 34-T31S-R16E
Montgomery County, KS

Spud Date: 6/25/2008
Drilling Completed: 6/26/2008
Logged: 6/26/2008
A.P.I. #: 15125316400000
Ground Elevation: 899'
Depth Driller: 1174'
Depth Logger: 1176'
Surface Casing: 8.625 inches at 21'
Production Casing: 4.5 inches at 1173'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, Litho Density /
Neutron Logs

Formation

	Tops	
	(below ground)	(subsea)
	Surface (Cottage	
Kansas City Group	Grove Sandstone)	899
Pawnee Limestone	609	290
Excello Shale	758	142
"V" Shale	809	90
Mineral Coal	853	46
Mississippian	1,170	-271

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CONSERVATION DIVISION
WICHITA, KS

Daily Well Work Report

EIDSON 16-34

6/26/2008

Well Location:
MONTGOMERY KS
31S-16E-34 SE SE
793FSL / 646FEL

Cost Center C01026000100
Lease Number C010260
Property Code KSCV31S16E3416
API Number 15-125-31640

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
6/25/2008	6/26/2008	7/25/2008	7/30/2008	7/29/2008	EIDSON_16_34
TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1174	1173	21	1173	0	0

Reported By krd **Rig Number** **Date** 6/25/2008
Taken By krd **Down Time**
Present Operation DRILL OUT SURFACE **Contractor** THORNTON ROTARY

Narrative

MIRU THORNTON DRILLING, DRILLED 11" HOLE, 21' DEEP, RIH W/ 1 JT 8 5/8" SURFACE CASING, MIXED 4 SX TYPE 1 CEMENT, DUMPED DOWN THE BACKSIDE. SDFN.
DWC:\$2880

Wednesday, August 27, 2008

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CONSERVATION DIVISION
WICHITA, KS



CONSOLIDATED
Oil Well Services, LLC

ENTERED

TICKET NUMBER 18655
LOCATION EUREKA
FOREMAN KEVIN McCoy

PO Box 884, Chanute, KS 66720
820-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-27-08	4758	Eidson 16-34				116
CUSTOMER			TRUCK #			
Layne Energy			DRIVER			
MAILING ADDRESS			TRUCK #			
P.O. Box 160			DRIVER			
CITY						
Sycamore						
STATE						
KS						
ZIP CODE						

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1174' CASING SIZE & WEIGHT 4 1/2 10.5" New
 CASING DEPTH 1172' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.9" SLURRY VOL 40 BBL WATER gal/sk 6.' CEMENT LEFT in CASING 0'
 DISPLACEMENT 18.6 BBL DISPLACEMENT PSI 700 ~~MP~~ PSI 1100 Bump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. Break Circulation w/ 50 BBL fresh water. Pump 6 sks Gel Flush w/ HULLS, 2 BBL water SPACER. MIXED 160 SKS 50/50 Pozmix Cement w/ 2% CaCl2, 2% Gel, 4" Kol-Seal, 3" CAL-Seal, 1/8" PhenoSeal, 1/2" CFL-110, 1/4" CAF-38 @ 13.9" / gal yield 1.40, wash out Pump & Lines. Shut down. Annular Plug. Displace w/ 18.6 BBL Fresh water. Final Pumping Pressure 700 PSI. Bump Plug to 1100 PSI. Wait 2 minutes. Release Pressure. Float Held. Good Cement Returns to Surface = 6 BBL Slurry (24 sks) to Pit. Job Complete. Rig down.

Aug 29 2008

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	925.00	925.00
5406	40	MILEAGE	3.85	154.00
1124	160 sks	50/50 Pozmix Cement	9.75	1560.00
1102	270 "	CaCl2 2%	.75 "	202.50
1118 A	270 "	Gel 2%	.17 "	45.90
1110 A	640 "	Kol-Seal 4" /sk	.42 "	268.80
1101	480 "	CAL-SEAL 3" /sk	.36 "	172.80
1107 A	20 "	PhenoSeal 1/8" /sk	1.15 "	23.00
1135	67 "	CFL-110 1/2"	7.50	502.50
1146	34 "	CAF-38 1/4"	7.70	261.80
1118 A	300 "	Gel Flush	.17 "	51.00
1105	50 "	HULLS	.39 "	19.50
5407 A	6.72 Tons	40 miles BULK TRUCK	1.20	822.56
4404	1	4 1/2 Top Rubber Plug	45.00	45.00
5605 A	4 Hrs	WELDER	85.00	340.00
4311	1	4 1/2 Weld on Collar	65.00	65.00
			Sub Total	4751.36
			SALES TAX	170.55
			ESTIMATED	
			TOTAL	5121.91

THANK YOU

023126

AUTHORIZATION Called By Jacob

TITLE Layne Co. Rep.

KANSAS CORPORATION COMMISSION

SEP 02 2008

CONSERVATION DIVISION
WICHITA, KS