

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

KCC
Wright
7/27/08

6/26/10

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

If Workover/Re-entry: Old Well Info as follows JUN 26 2008
Operator: _____ KCC
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. _____

3/19/2008 3/20/2008 4/14/2008
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-31549-00-00
County: Montgomery
_____ NW Sec. 31 Twp. 31 S. R. 17 East West
2001 2001 feet from S / **(N)** (circle one) Line of Section
2718 feet from E / **(W)** (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE **(NW)** SW
Lease Name: Blaes Well #: 6-31
Field Name: Cherokee Basin Coal Area

Producing Formation: Cherokee Coals
Elevation: Ground: 813' Kelly Bushing: _____
Total Depth: 1029' Plug Back Total Depth: 1028'
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 1028'
feet depth to Surface w/ 145 sx cmt.

Drilling Fluid Management Plan Alt INV 8310
(Data must be collected from the Reserve Pit)

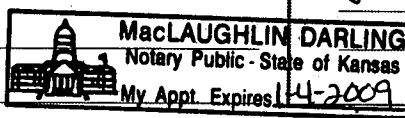
Chloride content N/A ppm Fluid volume _____ bbls
Dewatering method used N/A - Air Drilled

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: 6-26-08
Subscribed and sworn to before me this 26 day of June,
2008.
Notary Public: _____
Date Commission Expires: 1-4-2009



KCC Office Use ONLY
 Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received **RECEIVED**
 Geologist Report Received **KANSAS CORPORATION COMMISSION**
UIC Distribution **JUN 27 2008**
CONSERVATION DIVISION
WICHITA, KS

JAN 13 1980

Operator Name: Layne Energy Operating, LLC Lease Name: Blaes Well #: 6-31-

Sec. 31 Twp. 31 S. R. 17 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	471 GL	342
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Excello Shale	616 GL	197
List All E. Logs Run:		V-Shale	667 GL	146
Compensated Density Neutron Dual Induction		Mineral Coal	709 GL	104

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	1028'	Thick Set	145	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 (Amount and Kind of Material Used)	Depth
	See Attached Page		

TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>998'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
---------------	--------------------	--------------------	-----------	---

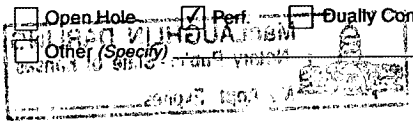
Date of First, Resumerd Production, SWD or Enhr. <u>5/8/2008</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
---	---

Estimated Production Per 24 Hours	Oil Bbls. <u>0</u>	Gas Mcf <u>25</u>	Water Bbls. <u>30</u>	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



Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Blaes 6-31		
	Sec. 31 Twp. 31S Rng. 17E, Montgomery County		
API:	15-125-31549-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations (April 2008)			
4	Riverton 1016' - 1018'	2400 lbs 20/40 sand 566 bbls water 600 gals 15% HCl acid	1016' - 1018'
4	Rowe 958.5' - 960'	2400 lbs 20/40 sand 180 bbls water 350 gals 15% HCl acid	958.5' - 960'
4	Bluejacket 855.5' - 857'	2500 lbs 20/40 sand 164 bbls water 350 gals 15% HCl acid	855.5' - 857'
4	Mineral 709.5' - 710.5' Croweburg 668.5' - 670.5' Iron Post 646.5' - 648'	7900 lbs 20/40 sand 664 bbls water 1100 gals 15% HCl acid	646.5' - 710.5'
4	Mulky 616' - 620' Summit 588.5' - 590'	7800 lbs 20/40 sand 402 bbls water 500 gals 15% HCl acid	588.5' - 620'

CONFIDENTIAL
JUN 26 2008
KCC

CONFIDENTIAL
JUN 26 2008
KCC

RECEIVED
KANSAS CORPORATION COMMISSION

JUN 27 2008

CONSERVATION DIVISION
WICHITA, KS

Daily Well Work Report

BLAES 6-31
3/20/2008

Well Location:
MONTGOMERY KS
31S-17E-31 NW
2001FNL / 2718FWL

Cost Center C01032800100
Lease Number C010328
Property Code KSCV31S17E3106
API Number 15-125-31549

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
3/19/2008	3/20/2008	4/14/2008	5/8/2008	4/16/2008	BLAES_6_31

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1029	1028	21	1028	0	0

Reported By KRD	Rig Number	Date 3/19/2008
Taken By KRD	Down Time	
Present Operation DRILL OUT FROM UNDER SURFACE	Contractor THORNTON	

CONFIDENTIAL
JUN 26 2008

Narrative

KCC

MIRU THORNTON, 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:\$2,880

RECEIVED
KANSAS CORPORATION COMMISSION

JUN 27 2008

CONSERVATION DIVISION
WICHITA, KS

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

TICKET NUMBER 13670
 LOCATION EUREKA
 FOREMAN Rick Leonard

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-21-08	4758	Blase 6-31				MG
CUSTOMER <u>Layne Energy</u>						
MAILING ADDRESS <u>P.O. Box 160</u>						
CITY <u>Sycamore</u>	STATE <u>KS</u>					

Gus
James

TRUCK #	DRIVER	TRUCK #	DRIVER
463	Kyle		
515	Jarrid		

JOB TYPE log string HOLE SIZE 6 3/4" HOLE DEPTH 1030' CASING SIZE & WEIGHT 4 1/2" 12.5"
 CASING DEPTH 1029' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.9* SLURRY VOL 36 bbl WATER gal/sk 6' CEMENT LEFT in CASING 0'
 DISPLACEMENT 16.4 bbl DISPLACEMENT PSI 400 PSI 900 RATE _____

REMARKS: Safety meeting- Rig up to 4 1/2" casing. Break circulation w/ 25 bbl fresh water. Pump 6 sks gel-flush w/ hulls, 15 bbl water spacer, 8 bbl dye water. Mixed 145 sks 50/50 Anmix cement w/ 270 gal, 270 coils 4" Kal-seal ^{pph}/sk, 3" cal-seal ^{pph}/sk, 1/4" floacle ^{pph}/sk, 1/2" F2-110, 1/4" CAT-32 @ 19.9 ^{pph}/sk. yield 1.80. washout prop + lines. shut down release plug. Displace w/ 16.4 bbl fresh water. Final pump pressure 400 PSI. Pump plug to 900 PSI. wait 2 minutes. release pressure, float held. Good cement returns to surface = 7 bbl slurry to pit. Job complete. Rig down.

CONFIDENTIAL

JUN 26 2008

'Thank You'

KCC

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		
5406	40	MILEAGE	875.00	875.00
			3.45	138.00
1124	145 sks	50/50 Anmix cement	9.30	1348.50
1118A	250*	270 gal	.16	40.00
1102	250*	270 coils	.70	175.00
1110A	580*	Kal-seal 4" ^{pph} /sk	.40	232.00
1101	435*	cal-seal 3" ^{pph} /sk	.35	152.25
1107	36*	1/4" floacle ^{pph} /sk	1.98	71.28
1135	62*	1/2" F2-110	7.15	443.30
1146	31*	1/4" CAT-32	7.30	226.30
1118A	300*	gel-flush		
1105	50*	hulls	.16	48.00
5407A	6.24	tan-mileage bulk toll	.37	18.50
4404	1	4 1/2" top rubber plug	1.14	284.54
			42.00	42.00
			Subtotal	4094.67
			SALES TAX	148.25
			ESTIMATED TOTAL	4242.92

RECEIVED
 KANSAS CORPORATION COMMISSION

JUN 27 2008

CONSERVATION DIVISION
 WICHITA, KS

5.5%

AUTHORIZATION Sue McCl... TITLE _____

220807

DATE _____

GEOLOGIC REPORT

LAYNE ENERGY

Blaes 6-31

SE NW, 2011 FNL, 2718 FWL

Section 31-T31S-R17E

Montgomery County,

CONFIDENTIAL
JUN 25 2008
KCC

Spud Date: 3/19/2008
Drilling Completed: 3/20/2008
Logged: 3/20/2008
A.P.I. #: 15125315490000
Ground Elevation: 813'
Depth Driller: 1029'
Depth Logger: 1031'
Surface Casing: 8.625 inches at 21'
Production Casing: 4.5 inches at 1028'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, Litho Density / Neutron Logs

Formation

Tops

	(below ground)	(subsea)
	Surface	
	(Cherryvale	
	Formation)	813
Kansas City Group		
Pawnee Limestone	471	342
Excello Shale	616	197
"V" Shale	667	146
Mineral Coal	709	104
Mississippian		

KCC
MAY 19 2008
CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

JUN 27 2008

CONSERVATION DIVISION
WICHITA, KS