

**CONFIDENTIAL**

ORIGINAL 12/11/10

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1  
September 1999  
Form Must Be Typed

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: MoKat  
License: 5831  
Wellsite Geologist: \_\_\_\_\_

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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:

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. \_\_\_\_\_

9/15/2008	9/17/2008	10/16/2008
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31772-00-00

County: Montgomery

\_\_\_\_\_ SW\_ NW Sec. 2 Twp. 32 S. R. 16  East  West

1985 feet from S /  (circle one) Line of Section

560 feet from E /  (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE  NW SW

Lease Name: Bright Well #: 5-2

Field Name: Cherokee Basin Coal Area

Producing Formation: Cherokee Coals

Elevation: Ground: 806' Kelly Bushing: \_\_\_\_\_

Total Depth: 1164' Plug Back Total Depth: 1159'

Amount of Surface Pipe Set and Cemented at 22 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 1159

feet depth to Surface w/ 165 sx cmf.

Drilling Fluid Management Plan ATTN: 2-10-09  
(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: \_\_\_\_\_  
Title: Project Engineer Date: 12/10/09

Subscribed and sworn to before me this 10 day of December

20 08

Notary Public: MacLaughlin Darling

Date Commission Expires: 1-4-2009

**MACLAUGHLIN DARLING**  
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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**DEC 12 2008**

Operator Name: Layne Energy Operating, LLC Lease Name: Bright Well #: 5-2  
 Sec. 2 Twp. 32 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets)  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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 (Submit Copy)  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:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>506 GL</td> <td>300</td> </tr> <tr> <td>Excello Shale</td> <td>654 GL</td> <td>152</td> </tr> <tr> <td>V-Shale</td> <td>703 GL</td> <td>103</td> </tr> <tr> <td>Mineral Coal</td> <td>745 GL</td> <td>61</td> </tr> <tr> <td>Mississippian</td> <td>1062 GL</td> <td>-256</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	506 GL	300	Excello Shale	654 GL	152	V-Shale	703 GL	103	Mineral Coal	745 GL	61	Mississippian	1062 GL	-256
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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	22'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1159'	Thick Set	165	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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	See Attached Page	<div style="font-size: 2em; font-weight: bold; opacity: 0.5;">CONFIDENTIAL</div> <div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">DEC 11 2008</div> <div style="font-size: 1.2em; font-weight: bold; margin-top: 10px;">KCC</div> <div style="font-size: 1.2em; font-weight: bold; margin-top: 10px;">RECEIVED</div> <div style="font-size: 1.2em; font-weight: bold; margin-top: 10px;">KANSAS CORPORATION COMMISSION</div> <div style="font-size: 1.2em; font-weight: bold; margin-top: 10px;">DEC 12 2008</div>	

TUBING RECORD	Size <b>2-3/8"</b>	Set At <b>1119'</b>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CONSERVATION DIVISION WICHITA, KS
Date of First, Resumerd Production, SWD or Enhr. <b>10/27/2008</b>		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. <b>0</b>	Gas Mcf <b>33</b>	Water Bbls. <b>0</b>	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) \_\_\_\_\_

<b>Operator Name:</b>	Layne Energy Operating, LLC.		
<b>Lease Name:</b>	Bright 5-2		
	Sec. 2 Twp. 32S Rng. 16E, Montgomery County		
<b>API:</b>	15-125-31772-00-00		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
<b>Initial Perforations (October 2008)</b>			
4	Riverton 1049' - 1051.5'	800 lbs 20/40 sand 342 bbls water 1100 gals 15% HCl acid	1049' - 1051.5'
4	Riverton 1049' - 1051.5' reperf	2400 lbs 20/40 sand 2645 bbls water 300 gals 15% HCl acid	1049' - 1051.5'
4	Bluejacket 886' - 887.5'	2400 lbs 20/40 sand 169 bbls water 300 gals 15% HCl acid	886' - 887.5'
4	Mineral 744.5' - 746' Croweburg 704' - 707' Bevier 683' - 685'	9600 lbs 20/40 sand 550 bbls water 500 gals 15% HCl acid	683' - 746'
4	Mulky 655' - 659.5'	5500 lbs 20/40 sand 374 bbls water 450 gals 15% HCl acid	655' - 659.5'

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WICHITA, KS

*Layne Energy, Inc.*

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

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December 11, 2008

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 # 15-125-31772-00-00  
Bright 5-2

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

cc: Well File  
Field Office

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WICHITA, KS



# GEOLOGIC REPORT

LAYNE ENERGY  
Bright 5-2  
SW NW, 1985 FNL, 560 FWL  
Section 2-T32S-R16E  
Montgomery County, KS

Spud Date: 9/15/2008  
Drilling Completed: 9/17/2008  
Logged: 9/19/2008  
A.P.I. #: 15125317720000  
Ground Elevation: 806'  
Depth Driller: 1164'  
Depth Logger: 1145'  
Surface Casing: 8.625 inches at 22'  
Production Casing: 4.5 inches at 1159'  
Cemented Job: 0  
Open Hole Logs: Dual Induction SFL/GR, Litho Density /  
Neutron Logs

Formation	Tops	
	(below ground)	(subsea)
	Surface (Nellie Bly Formation)	806
Kansas City Group		
Pawnee Limestone	506	300
Excello Shale	654	152
"V" Shale	703	103
Mineral Coal	745	61
Mississippian	1,062	-256

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WICHITA, KS

# Daily Well Work Report

BRIGHT 5-2

9/17/2008

**Well Location:**  
MONTGOMERY KS  
32S-16E-2 SW NW  
1985FNL / 560FWL

**Cost Center** C01012700200  
**Lease Number** C010127  
**Property Code** KSCV32S16E0205  
**API Number** 15-125-31772

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
9/15/2008	9/17/2008	10/16/2008	10/27/2008	10/24/2008	BRIGHT_5_2

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1164	1159	22	1159		

<b>Reported By</b> KRD	<b>Rig Number</b>	<b>Date</b> 9/15/2008
<b>Taken By</b> KRD		<b>Down Time</b>
<b>Present Operation</b> DRILL OUT SURFACE		<b>Contractor</b> MOKAT

## Narrative

MIRU MOKAT DRILLING, DRILLED 11" HOLE, 22' DEEP, RIH W/1 JT 8 5/8" SURFACE CASING, MIXED 4 SX TYPE 1 CEMENT, DUMPED DOWN THE BACKSIDE. SDFN.  
DWC:\$2880

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Tuesday, December 09, 2008

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**CONSOLIDATED**  
Oil Well Services, L.L.C.

**ENTERED**

TICKET NUMBER 19452

LOCATION EUREKA

FOREMAN Kevin McCoy

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-19-08	4758	Bright 5-2				ME
CUSTOMER <b>Layne Energy</b>						
MAILING ADDRESS P.O. Box 160						
CITY Sycamore						
STATE KS		ZIP CODE				
			TRUCK #	DRIVER	TRUCK #	DRIVER
			445	Justin		
			439	CALIN		

Gus Jones  
Rig 1

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1164' CASING SIZE & WEIGHT 4 1/2 10.5\* new  
 CASING DEPTH 1159 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.9 # SLURRY VOL 41 BBL WATER gal/sk 6' CEMENT LEFT in CASING 0'  
 DISPLACEMENT 18.6 BBL DISPLACEMENT PSI 700 ~~MAX~~ PSI 1200 Bump Plug RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 4 1/2 casing/wash head. Break circulation w/ 25 BBL fresh water. wash down 20' 4 1/2 w/ additional 35 BBL fresh water. Pump 6 sks GEL flush w/ HULLS, 2 BBL water spacer. shut down. Rig up Cement Head. mixed 165 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. Release Plug. Displace w/ 18.6 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 = 3 BBL Slurry (12 sks) to Pit. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	925.00	925.00
5406	40	MILEAGE	3.65	146.00
1124	165 sks	50/50 Pozmix Cement	9.75	1608.75
1102	275 *	CACL2 2%	.75 *	206.25
1118 A	275 *	GEL 2%	.17 *	46.75
110 A	660 *	Kol-Seal 4" /sk	.42 *	277.20
1101	500 *	CAL-Seal 3" /sk	.36 *	180.00
1107 A	20 *	PhenoSeal 1/8" /sk	1.15 *	23.00
1135	70 *	CFL-110 1/2"	7.50 *	525.00
1146	35 *	CAF-38 1/4"	7.70 *	269.50
1118 A	300 *	GEL flush	.17 *	51.00
1105	50 *	Hulls	.39 *	19.50
5407 A	6.93 Tons	40 miles Bulk Truck	1.20	82.64
4404	1	4 1/2 Top Rubber Plug	45.00	45.00
5605 A	4 Hrs	Weider	85.00	340.00
			Sub Total	4995.59
		THANK You	SALES TAX 5.3%	172.35
			ESTIMATED TOTAL	5167.94

Revin 3737

AUTHORIZATION witnessed By Jacob

TITLE Layne Co. Rep.

**CONFIDENTIAL**

DATE DEC 11 2008

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