

ORIGINAL

CONFIDENTIAL

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: Jeff Mohajir  
Phone: ( 913 ) 748-3987  
Contractor: Name: MOKAT Drilling  
License: 5831

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. \_\_\_\_\_

June 3, 2004 June 7, 2004 6.7.04  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 125-30527  
County: Montgomery  
NW SW SW Sec. 14 Twp. 31 S. R. 16  East  West  
1015 feet from S N (circle one) Line of Section  
332 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Catron Well #: 13-14  
Field Name: Neodesha

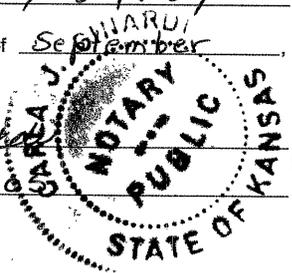
Producing Formation: Cherokee Coals  
Elevation: Ground: 849 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1184 Plug Back Total Depth: 1173  
Amount of Surface Pipe Set and Cemented at 40 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1181  
feet depth to Surface w/ 130 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.: \_\_\_\_\_

**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: 9.21.04  
Subscribed and sworn to before me this 21st day of September  
20 04  
Notary Public: Carla J. Hinkley  
Date Commission Expires: 5-21-2005



**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Layne Energy Operating, LLC. Lease Name: Catron Well #: 13-14  
 Sec. 14 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 <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 Name Top Datum Pawnee Lime 526 GL 323 Excello Shale 674 GL 175 V Shale 727 GL 122 Mineral Coal 769 GL 80 Mississippian 1076 GL -227
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**SEP 22 2004**  
 CONSERVATION DIVISION  
 WICHITA, KS

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	8.65	24	27	Class A	8	Type 1 cement
Casing	6.75	4.5	10.5	1181	Thick Set	130	

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
		KCC SEP 22 2004 CONFIDENTIAL	

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. <b>SI - Waiting on completion</b>		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	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  Other (Specify) \_\_\_\_\_

# GEOLOGIC REPORT

KCC  
SEP 2 2004

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LAYNE ENERGY  
Catron 13-14  
SW ¼ , SW ¼, 1,015' FSL, 332' FWL  
Section 14-T31S-R16E  
MONTGOMERY COUNTY, KANSAS

Drilled: June 3-7, 2004  
Logged: June 7, 2004  
A.P.I.# 15-125-30527  
Ground Elevation: 849'  
Depth Driller: 1,184'  
Depth Logger: 1,182'  
Surface Casing: 8 5/8" @ 22'  
Production Casing: 4 1/2" @ 1,181'  
Cemented Job: Consolidated  
Open Hole Logs: Compensated density neutron log, dual induction sfl/gr log

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<b>FORMATION</b>	<b>TOPS (in feet below ground surface)</b>
Kansas City Group.....	Surface (Nellie Bly Formation)
Lenapah Lime .....	338
Altamont Lime.....	395
Weiser Sand.....	445
Pawnee Lime .....	526
Anna Shale.....	551
Peru Sand .....	568
First Oswego Lime .....	613
Little Osage Shale.....	651
Excello Shale .....	674
Mulky Coal .....	680
Iron Post Coal .....	704
"V" Shale .....	727
Croweburg Coal.....	730
Mineral Coal .....	769
Scammon Coal.....	806
Tebo Coal .....	835
Weir Pitt Coal .....	845
Bluejacket Coal.....	879
AW Coal .....	998
Riverton Coal.....	1,053
Mississippian .....	1,076

# **Layne Energy Operating, L.L.C.**

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

# COPY

September 21, 2004

Kansas Corporation Commission  
Oil & Gas Conservation Division  
130 S. Market, Room 2078  
Wichita, KS 67202

ATTN: Ms. Sharon Ahtone

Re: Catron 13-14

Dear Ms. Ahtone:

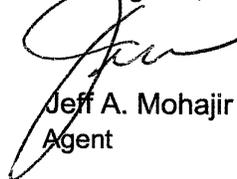
I have enclosed the ACO-1 form and associated data for the following well:

API #: 15-125-30527  
Catron 13-14

We respectfully request that all information submitted be kept confidential and 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 or have any questions or comments, please contact me at (913) 748-3987.

Best regards,



Jeff A. Mohajir  
Agent

Enclosure

Cc Field Office  
Well File

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SEP 22 2004

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CONSERVATION DIVISION  
WICHITA, KS

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SEP 2 2004

5588

Date: 6-7-04 Customer Order No.: 4758 Sect.: 14 Twp.: 31 Range: 16E  
 Owner: Laying Energy Contractor: GUS JONES WICHITA, KS  
 Mailing Address: PO Box 160 City: Sycamore State: Kansas  
 Well No. & Form: Catron Depth of Well: 13-14 Depth of Job: 1181  
 Kind of Job: 1204  
 Size: 4 1/2" Weight: 10.5 Size of Hole Amt. and Kind of Cement: 130 SKS  
 Cement Left in casing by: Request Necessity: 8 feet  
 Drilpipe: Tubing: (Rotary) Cable) Truck No.: 11446

T.O. 1183 Longstring -> ABTD 1173

Price Reference No. 5401  
 Price of Job 675.00  
 Second Stage  
 Mileage Trk in field 1/2  
 Other Charges  
 Total Charges 675.00

Remarks: Safety Meeting - Rig up to 4 1/2" casing break circulation with fresh water. Pumped water till hole cleaned up. Rig cement head, Pumped 5 Bbl Metasilicate followed with 10 Bbl Dye water. Mixed 130 SKS Thick Set cement with 10" P/SK of KOL-SEAL at 133 lbs P/YAL. shut down - washout Pump & lines. Release Plug Displace Plug with 18 1/2 Bbls water. Final pumping at 700 PSI - Bumped Plug to 1200 PSI. Release Plug - Float Hold - close casing in w/ 0 PSI. Good cement returns to surface with 9 Bbls slurry. Job complete - Tear down

Cementor: Brad Butler  
 Helper: Rick Fed - Jim  
 District: Eureka State: Kansas

"Thank you"

Agent of contractor or operator

Sales Ticket for Materials Only					
Quantity Sacks	BRAND AND TYPE	SEP 2 2004	PRICE	TOTAL	
130 SKS	Thick Set cement	1126 A	11.30	1469.00	
26 SKS	KOL-SEAL 10" P/SK	1110 A	15.00	390.00	
50 lbs	Metasilicate Plug/flush	1111 A	1.35 lb	67.50	
3 Hrs	80 Bbl VAC Truck	5502 C	75.00	225.00	
3 Hrs	Welder	5605 A	65.00	195.00	
1	4 1/2" Weld on Collar	4311	45.00	45.00	
1	4 1/2" Top Rubber Plug	4404	35.00	35.00	
Plugs					
		5402A 7 <sup>th</sup> Tr	Mileage 25	.80	143.00
Delivered by Truck No. 441			Sub Total		3244.50
Delivered from Eureka			Discount		
Signature of operator Brad Butler			Sales Tax		106.34
			Total		3350.84

190129

MORNING COMPLETION REPORT

Report Called in by: TERRY WOLFER

Report taken by:

Melissa T. Page 1 of 4

LEASE NAME & #	AFE#	DATE	DAYS	CIBP DEPTH	PBTD TYPE FLUID
CATRON 13-14	C01021700400	8/03/04	1		
PRESENT OPERATION:					WT
Drill out from under surface					VIS
DEEPEST CASING OD SHOE DEPTH	LINERS OD TOP & SHOE DEPTH	REPAIR DOWN TIME HRS	CONTRACTOR MCPHERSON		
			RIG NO	Billy	
PACKER OR ANCHOR	FISHING TOOLS OD ID	TEST PERFS	SQUEEZED OR PLUG BACK PERFS		
		TO	TO		
		TO	TO		
		TO	TO		
		TO	TO		
HRS	BRIEF DESCRIPTION OF OPERATION				
	MIRU MCPHERSON DRILLING, DRILLED 11" HOLE, 40' DEEP, RIH W/ 1 JT 8 5/8" SURFACE CASING,				
	MIXED 4 SXS TYPE 1 CEMENT, DUMPED DN THE BACKSIDE, SDFN.				
	RECEIVED KANSAS CORPORATION COMMISSION SEP 22 2004 CONSERVATION DIVISION WICHITA, KS				
	SEP 2 2004 CONFIDENTIAL				

DAILY COST ANALYSIS

RIG	_____
SUPERVISION	_____
RENTALS	_____
SERVICES	400
MISC	2480

MCPHERSON DRILLING @ 6.50/ft	
MCPHERSON (CEMENT)	80
DIRTWORKS (LOC, RD, PIT)	400
SURFACE CASING	400
LAND/ LEGAL	2000

DAILY TOTALS      2880      PREVIOUS TCTD      TCTD      2880