

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 33365
Name: Layne Energy Operating, LLC
Address: 1900 Shawnee Mission Parkway
City/State/Zip: Mission Woods, KS 66205
Purchaser: _____
Operator Contact Person: M. Brent Natrass
Phone: (913) 748-3987
Contractor: Name: McPherson Drilling
License: 5675
Wellsite Geologist: _____

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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. _____

<u>12/29/2004</u>	<u>01/06/2005</u>	<u>04/20/2005</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30687 - 00 - 00
County: Montgomery
 NW NE NW Sec. 23 Twp. 31 S. R. 16 East West
330 feet from S (circle one) Line of Section
1650 feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Catron Well #: 3-23
Field Name: Coffeyville-Cherryvale

Producing Formation: Cherokee Coals
Elevation: Ground: 900 Kelly Bushing: _____
Total Depth: 1181 Plug Back Total Depth: 1170
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 1178
feet depth to Surface w/ 130 sx cmt.

Drilling Fluid Management Plan *Alg II with 6-8-07*
(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.: APR 28 2005
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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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: MB Natrass
Title: _____ Date: 4/27/05
Subscribed and sworn to before me this 27th day of April, 2005.
Notary Public: Mrs. Allen
Date Commission Expires: 10/14/2008

MARGARET ALLEN
Notary Public - State of Kansas
My Appt. Expires 10/14/08

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

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Side Two

ORIGINAL

Operator Name: Layne Energy Operating, LLC Lease Name: Catron Well #: 3-23
Sec. 23 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 [] Yes [x] No
Samples Sent to Geological Survey [] Yes [x] No
Cores Taken Yes [x] No
Electric Log Run [x] Yes No
List All E. Logs Run:
Compensated Density Neutron
Dual Induction

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Table with 3 columns: Name, Formation (Top), Depth and Datum, Sample Datum. Rows include Pawnee Lime, Excello Shale, V Shale, Mineral Coal, and Mississippian.

CASING RECORD table with columns: Purpose of String, Size Hole Drilled, Size Casing Set (In O.D.), Weight Lbs. / Ft., Setting Depth, Type of Cement, # Sacks Used, Type and Percent Additives.

ADDITIONAL CEMENTING / SQUEEZE RECORD table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

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PERFORATION RECORD - Bridge Plugs Set/Type table with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), Depth.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run (Yes/No), Date of First, Resumed Production, SWD or Enhr., Producing Method (Flowing, Pumping, Gas Lift, Other), Estimated Production Per 24 Hours (Oil, Gas, Water), 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, Sumit ACO-18.) [] Other (Specify)

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ORIGINAL

GEOLOGIC REPORT

LAYNE ENERGY

Catron 3-23

NE ¼ , NW ¼, 330' FNL, 1,650' FWL

Section 23-T31S-R16E

MONTGOMERY COUNTY, KANSAS

Drilled: December 29, 2004 – January 6, 2005

Logged: January 6, 2005

A.P.I.# 15-125-30687

Ground Elevation: 900'

Depth Driller: 1,181'

Depth Logger: 1,177'

Surface Casing: 8 5/8" @ 40'

Production Casing: 4 1/2" @ 1,170'

Cemented Job: Consolidated

Open Hole Logs: Compensated density neutron log, dual induction sfl/gr log

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FORMATION.....TOPS (in feet below ground surface)

Kansas City Group.....Surface (Cottage Grove Sandstone)

Lenapah Lime344

Altamont Lime.....399

Weiser Sand454

Pawnee Lime550

Anna Shale.....574

First Oswego Lime639

Little Osage Shale.....676

Excello Shale700

Mulky Coal704

Iron Post Coal730

"V" Shale754

Croweburg Coal.....760

Mineral Coal795

Scammon Coal.....828

Weir Pitt Coal874

AW Coal1,020

Riverton Coal.....1,071

Mississippian1,086

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CONSOLIDATED OIL WELL SERVICES, IN
211 W. 14TH STREET, CHANUTE, KS 66720
620-431-9210 OR 800-467-8676

TICK NUMBER 3156
LOCATION Chanute
FOREMAN Bob

**TREATMENT REPORT & FIELD TICKET
CEMENT**

ORIGINAL

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-10-05	4758	Cotman 323				Montgomery
CUSTOMER						
MAILING ADDRESS						
CITY			STATE	ZIP CODE		
JOB TYPE		HOLE SIZE	HOLE DEPTH	CASING SIZE & WEIGHT		
CASING DEPTH		DRILL PIPE	TUBING	OTHER		
SLURRY WEIGHT		SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING		
DISPLACEMENT		DISPLACEMENT PSI	MIX PSI	RATE		

TRUCK #	DRIVER	TRUCK #	DRIVER
441	Reed		
441	Reed		
434	Reed		

REMARKS:
 18 1/2" 600 1000
 Hold close casing with open
 Good cement returns to surface within 2 BH drilling
 5-L complete. Flow of cement

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
		PUMP CHARGE		
		MILEAGE		
5502C	6	11/2" GA 30 BH VAC Truck	78.00	468.00
1123	3000	(GA) City water	11.50	34.50
	4			289.00
	1	4 1/2"		45.00
		5.3%	SALES TAX	113.13
			ESTIMATED TOTAL	396.32

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AUTHORIZATION Witnessed by [Signature]

TITLE 1949991

DATE _____

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ORIGINAL

MORNING COMPLETION REPORT

Report Called in by: JOHN ED

Report taken by:

Melissa T.

LEASE NAME & #	AFE#	DATE	DAYS	CIBP	PBTD
CATRON 3-23		12/29/2004	1	DEPTH	TYPE FLUID
PRESENT OPERATION:				TYPE	WT
DRILL OUT FROM UNDER SURFACE				VIS	
DEEPEST CASING OD SHOE DEPTH	LINERS OD TOP & SHOE DEPTH		REPAIR DOWN TIME HRS	CONTRACTOR	
			TEST PERFS	RIG NO	
PACKER OR ANCHOR	FISHING TOOLS	OD ID	TO	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, R/H W/ 2 JT 8 5/8" SURFACE CASING,				
	MIXED 8 SXS TYPE 1 CEMENT, DUMPED DN THE BACKSIDE, SDFN.				

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DAILY COST ANALYSIS

RIG	_____
SUPERVISION	200
RENTALS	_____
SERVICES	800
MISC	2460
DAILY TOTALS	3460

DETAILS OF RENTALS, SERVICES, & MISC	
MC DRILLING @ 6.50/ft	
MC (CEMENT)	160
DIRTWORKS (LOC, RD, PIT)	800
SURFACE CASING	300
LAND/ LEGAL	2000

DAILY TOTALS 3460 **PREVIOUS TCTD** _____ **TCTD** 3460