

KCC

NOV 08 2005

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

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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. B. Natrass  
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. \_\_\_\_\_

<u>7/14/2005</u>	<u>7/18/2005</u>	<u>8/9/2005</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-26072-00-00  
County: Wilson  
\_\_\_\_\_ SW \_\_\_\_\_ SW Sec. 25 Twp. 30 S. R. 14  East  West  
500 feet from (S) N (circle one) Line of Section  
500 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Baker Well #: 13-25  
Field Name: Cherokee Basin Coal Area  
Producing Formation: Cherokee Coals  
Elevation: Ground: 925 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1472' Plug Back Total Depth: 1459'  
Amount of Surface Pipe Set and Cemented at 20' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1470  
feet depth to Surface w/ 150 \_\_\_\_\_ sx cmt.  
Alt 2-Dlg - 5/6/09

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: \_\_\_\_\_ NOV 09 2005  
Lease Name: \_\_\_\_\_ License No. \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. WICHITA, KS  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

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WICHITA, KS

**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: Agent Date: November 8, 2005  
Subscribed and sworn to before me this 8th day of November  
20 05  
Notary Public: M. Allen  
Date Commission Expires: 10/14/2008

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

MARGARET ALLEN  
Notary Public - State of Kansas  
My Appt. Expires \_\_\_\_\_

X

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Side Two

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ORIGINAL

NOV 08 2005

Operator Name: Layne Energy Operating, LLC

Lease Name: Baker Well #: 13-25

Sec. 25 Twp. 30 S. R. 14  East  West

County: Wilson

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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  No (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No (Submit Copy)

List All E. Logs Run:

Compensated Density Neutron  
Dual Induction

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Pawnee Lime	881 GL	44
Excello Shale	1000 GL	-75
V Shale	1070 GL	-145
Mineral Coal	1114 GL	-189
Mississippian	1372 GL	-447

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	8.65	24	20'	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1470'	Thick Set	150	

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		

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TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	1397'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
11/3/2005	<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	0	41	88	

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

Production Interval

<b>Operator Name:</b>	Layne Energy Operating, LLC.		
<b>Lease Name:</b>	Baker 13-25		
	Sec. 25 Twp. 30S Rng. 14E, Montgomery County		
<b>API:</b>	15-205-26072		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
4	1359-1360, 1324.5-1327, 1220-1221, 1195.5-1199	Riverton, Rowe, Bluejacket, Weir - 1,400 15% HCL Acid, 470 bbls Water, 5,200 # 20/40 Sand	1195.5-1360
4	1114.5-1115.5, 1071.5-1073, 1051-1054	Mineral, Croweberg, Bevier - 1,200 15% HCL Acid, 361 bbls Water, 3800 # 20/40 Sand	1051-1115.5
4	1000-1005, 983.5-986.5, 909.5-911.5, 878.5-879.5	Mulkey, Summit, Lexington, Mulberry - 2000 15% HCL Acid, 525 bbls Water, 6000 # 20/40 Sand	878.5-1005

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**WICHITA, KS**

MORNING COMPLETION REPORT

Report Called In by: : JES

Report taken by:

KRD

LEASE NAME & #		APES	DATE	DAYS	CIBP DEPTH	PBD TYPE FLUID
BAKER 13-28			7/14/05	1	CIBP TYPE	
PRESENT OPERATION:						WT
DRILL OUT FROM UNDER SURFACE						VIS
DEEPEST CASING OD SHOES DEPTH	LINERS OD TOP & SHOE DEPTH	REPAIR DOWN TIME HRS		CONTRACTOR MOKAT		
	8 5/8" 24# J-45 — Set 20'			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 MOKAT DRILLING, DRILLED 11" HOLE, 20' DEEP, RIH W/ 1 JT & 5/8" SURFACE CASING.					
	MIXED 4 SXS TYPE 1 CEMENT, DUMPED DN THE BACKSIDE, SDFN.					

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DAILY COST ANALYSIS

RIG	_____
SUPERVISION	200
RENTALS	_____
SERVICES	400
MISC	2280

DETAILS OF RENTALS, SERVICES, & MISC	
MOKAT DRILLING @ 6.50/m	
MOKAT (CEMENT)	80
DIRTWORKS (LOC, RD, PIT)	400
SURFACE CASING	200
LAND/ LEGAL	2000

DAILY TOTALS      2880      PREVIOUS TCTD      \_\_\_\_\_      TCTD      2880

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

BOOKET NUMBER 5538  
 LOCATION EUREKA  
 FOREMAN Kevin McCoy

TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																
7-19-05	4758	BAKER 13-25				Wilson																
CUSTOMER <u>Layne Energy</u>			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>445</td> <td>Rick</td> <td></td> <td></td> </tr> <tr> <td>442</td> <td>Anthony</td> <td></td> <td></td> </tr> <tr> <td>436</td> <td>Jason</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	445	Rick			442	Anthony			436	Jason		
TRUCK #	DRIVER	TRUCK #					DRIVER															
445	Rick																					
442	Anthony																					
436	Jason																					
MAILING ADDRESS <u>P.O. Box 160</u>																						
CITY <u>Sycamore</u>																						
STATE <u>Ks</u>		ZIP CODE																				

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1472' CASING SIZE & WEIGHT 4 1/2 10.5# NCW  
 CASING DEPTH 1470' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER PBTD 1459'  
 SLURRY WEIGHT 13.2# SLURRY VOL 47 BBL WATER gal/sk 8.0 CEMENT LEFT in CASING 11'  
 DISPLACEMENT 23.25 BBL DISPLACEMENT PSI 600 ~~MAX~~ PSI 1100 Bump Plug RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. Break Circulation w/ 35 BBL fresh water. Pump 4 sks Gel flush, 10 BBL water spacer, 10 BBL Metasilicate pre flush 15 BBL Dye water. Mixed 150 sks Thick Set Cement w/ 10# Kol-Seal per/sk @ 13.2# per/gal, yield 1.75. Wash out pump & lines. Shut down. Release Plug. Displace w/ 23.25 BBL fresh water. Final Pumping Pressure 600 psi. Bump Plug to 1100 psi. wait 2 minutes. Release Pressure. Float Held. Good Cement Returns to Surface = 8 BBL Slurry. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE <b>RECEIVED</b> KANSAS CORPORATION COMMISSION	765.00	765.00
5406	25	MILEAGE NOV 09 2005	2.50	62.50
1126 A	150 sks	Thick Set Cement CONSERVATION DIVISION WICHITA, KS	13.00	1950.00
1110 A	30 sks	Kol-Seal 10# per/sk	16.90	507.00
1118 A	4 sks	Gel flush	6.63	26.52
1111 A	50 #	Metasilicate pre flush	1.55 #	77.50
5407A	8.25 tons	25 miles BULK TRUCK	.92	189.75
4404	1	4 1/2 Top Rubber Plug	38.00	38.00
5502 C	3 Hrs	80 BBL VAC TRUCK	82.00	246.00
1123	3000 gals	City water	12.20 per 1000	36.60
5605A	4 Hrs	welder	75.00	300.00
			Sub total	4198.80
			SALES TAX 6.3%	166.00
			ESTIMATED TOTAL	4364.90

AUTHORIZATION Called By John Ed TITLE \_\_\_\_\_ DATE 10/21/05  
 198464

# GEOLOGIC REPORT

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CONSERVATION DIVISION  
WICHITA, KS

## LAYNE ENERGY

Baker 13-25

SW ¼, SW ¼, 500' FSL, 500' FWL

Section 25-T30S-R14E

WILSON COUNTY, KANSAS

Drilled: July 14-18, 2005

Logged: July 18, 2005

A.P.I.# 15-205-26072

Ground Elevation: 925'

Depth Driller: 1,472'

Depth Logger: 1,472'

Surface Casing: 8 5/8" @ 20'

Production Casing: 4 1/2" @ 1,470'

Cement Job: Consolidated

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

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

Lansing Group.....Surface (Stanton Limestone)

Lenapah Lime.....703

Altamont Lime.....743

Mulberry Coal.....878

Pawnee Lime.....881

Anna Shale.....910

First Oswego Lime.....955

Little Osage Shale.....984

Excello Shale.....1,000

Mulky Coal.....1,004

Bevier Coal.....1,051

"V" Shale.....1,070

Croweburg Coal.....1,073

Mineral Coal.....1,114

Weir Pitt Coal.....1,196

Bluejacket Coal.....1,220

AW Coal.....1,324

Riverton Coal.....1,359

Mississippian.....1,372