

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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KANSAS CORPORATION COMMISSION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

MAR 17 2006

WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONSERVATION DIVISION
WICHITA, KS

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>11/18/2005</u>	<u>11/22/2005</u>	<u>1/11/2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30879-00-00
County: Montgomery
NE NE SE Sec. 4 Twp. 32 S. R. 14 East West
1986 feet from N (circle one) Line of Section
561 feet from W (circle one) Line of Section

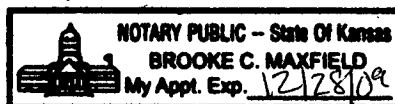
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Johnson Well #: 9-4
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 892 Kelly Bushing: _____
Total Depth: 1563' Plug Back Total Depth: 1553'
Amount of Surface Pipe 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 1560'
feet depth to Surface w/ 155 sx cmt.
AIT 2 - Dig - 10-26-08

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: *MR Natrass*
Title: Agent Date: 3/16/2006
Subscribed and sworn to before me this 16th day of March
20 06
Notary Public: *Brooke C. Maxfield*
Date Commission Expires: 12/28/09



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: Johnson Well #: 9-4
 Sec. 4 Twp. 32 S. R. 14 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pawnee Lime	937 GL	-45
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Excello Shale	1087 GL	-195
List All E. Logs Run:		V Shale	1137 GL	-245
Compensated Density Neutron		Mineral Coal	1184 GL	-292
Dual Induction		Mississippian	1459 GL	-567

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	20'	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1560'	Thick Set	155	

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
	See Attached		

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WICHITA, KS

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	1438'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
1/30/2006	<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	15	134	

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 _____

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Johnson 9-4		
	Sec. 4 Twp. 32S Rng. 14E, Montgomery County		
API:	15-125-30879		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1398.5-1401.5, 1242.5-1243.5, 1198.5-1200, 1183.5-1184.5	Rowe, Tebo, Scammon A, Mineral - 4500# 20/40 sand, 1000 gal 15% HCl acid, 415 bbls wtr	1183.5-1401.5
4	1147-1149.5, 1137-1142, 1115-1116.5, 1087-1093	Flemming, Croweberg, Ironpost, Mulky-6300# 20/40 sand, 2000 gal 15% HCl, 535 bbls wtr	1087-1149.5
4	1064-1068, 970-972, 934-936	Summit, Lexington, Mulberry - 3800# 20/40 sand, 1300 gal 15% HCl, 358 bbls wtr	934-1068

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CONSOLIDATED OIL WELL SERVICES, INC.

P.O. BOX 884, CHANUTE, KS 66720

20-431-9210 OR 800-467-8676

TICKET NUMBER 07914

LOCATION Eureka

FOREMAN Troy Strickler

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-23-05	4758	Johnson 9-4				MG
CUSTOMER <u>Layne Energy</u>		Gas Jones Rig 2	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>P.O. Box 160</u>			463	Alon		
CITY <u>Sycamore</u>			442	Rick		
STATE <u>Ks</u>	ZIP CODE					

JOB TYPE Longstop HOLE SIZE 6 3/4 HOLE DEPTH 1563' CASING SIZE & WEIGHT 4 1/2" 10.5"
 CASING DEPTH 1560' DRILL PIPE TUBING OTHER PBTD 1553'
 CARRY WEIGHT 13.2# SLURRY VOL 48Bbl WATER gal/sk 8" CEMENT LEFT in CASING 7'
 DISPLACEMENT 24.6Bbl DISPLACEMENT PSI 1000 MAX PSI Bump Pkg 1500 RATE

REMARKS: Safety Meeting: Rig up to 4 1/2 Casing. Wash down 10' w/ 30Bbl Fresh water. Pump 4sk Gel Flush, 1sk Metasilicate Pre Flush, 14Bbl Dye water. Mixed 155sk Thickset Cement w/ 10# Kbl-Seal Pkg @ 13.2# per gal. Wash out Pump & lines. Shut down Released Pkg. Displaced w/ 24.6Bbl Water. Final Pump Pressure 1000 PSI. Bump Pkg to 1500 PSI. Wait 2mins Release Pressure. Float held. Close Casing in @ 0PSI. Good Cement Returns to surface = 88Bbl slurry to pit.

Job Complete - Rig down

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	765.00	765.00
5406	40	MILEAGE	3.00	120.00
1126A	155sk	Thickset Cement	13.00	2015.00
1110A	31sk	Kbl-Seal 10# Pkg	16.90	523.90
1118A	4sk	Gel Flush	6.63	26.52
1111A	50#	Metasilicate Pre Flush	1.55#	77.50
5407A	8.5 Tons	Ton-Mileage Bulk Truck	1.00	340.00
4404	1	4 1/2 Top Rubber Plug	38.00	38.00
5605A	4hrs	Welder	75.00	300.00
4311	1	weld on Collar	48.00	48.00
		Sub Total		4253.92
		SALES TAX 5.3%		144.64
		ESTIMATED TOTAL		4398.56

201131

AUTHORIZATION Called by John Ed. TITLE _____ DATE _____

GEOLOGIC REPORT

LAYNE ENERGY
Johnson 9-4
NE SE, 1986 FSL, 561 FEL
Section 4-T32S-R14E
Montgomery County, KS

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WICHITA, KS

Spud Date:	11/18/2005
Drilling Completed:	11/22/2005
Logged:	11/22/2005
A.P.I. #:	15-125-30879
Ground Elevation:	892'
Depth Driller:	1563'
Depth Logger:	1563'
Surface Casing:	8.625 inches at 20'
Production Casing:	4.5 inches at 1560'
Cemented Job:	Consolidated
Open Hole Logs:	Dual Induction SFL/GR, High Resolution Compensated Density/Neutron

Formation

Lansing Group
Pawnee Limestone
Excello Shale
"V" Shale
Mineral Coal
Mississippian

Tops (in feet below ground level)

Surface (South Bend Limestone Member)
937
1,087
1,137
1,184
1,459