

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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: Timothy H. Wright
Phone: (913) 748-3960
Contractor: Name: Thornton Air Rotary
License: 33606

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>9/4/2007</u>	<u>9/6/2007</u>	<u>11/9/2007</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No: 15 - 125-31427-00-00
County: Montgomery
 NW SW NW Sec. 11 Twp. 32 S. R. 13 East West
1556 feet from S / (circle one) Line of Section
351 feet from E / (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Scovel Well #: 5-11
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 846' Kelly Bushing: _____
Total Depth: 1535' Plug Back Total Depth: 1529'
Amount of Surface Pipe Set and Cemented at 121 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1529
feet depth to Surface w/ 160 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) *ACT II WITHIN 1-22-08*
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: 1-3-08
Subscribed and sworn to before me this 3 day of January
20 08
Notary Public: MacLaughlin Darling
Date Commission Expires: 1-4-2009



KCC Office Use ONLY

Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received

RECEIVED
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C Distribution
Copy to WIC **JAN 04 2008**

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Scovel Well #: 5-11
 Sec. 11 Twp. 32 S. R. 13 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 <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>999 GL</td> <td>-153</td> </tr> <tr> <td>Excello Shale</td> <td>1134 GL</td> <td>-288</td> </tr> <tr> <td>V Shale</td> <td>1186 GL</td> <td>-340</td> </tr> <tr> <td>Mineral Coal</td> <td>1231 GL</td> <td>-385</td> </tr> <tr> <td>Mississippian</td> <td>1483 GL</td> <td>-637</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	999 GL	-153	Excello Shale	1134 GL	-288	V Shale	1186 GL	-340	Mineral Coal	1231 GL	-385	Mississippian	1483 GL	-637
Name	Top	Datum																	
Pawnee Lime	999 GL	-153																	
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V Shale	1186 GL	-340																	
Mineral Coal	1231 GL	-385																	
Mississippian	1483 GL	-637																	

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	121'	Class A	65	Type 1 cement
Casing	6.75"	4.5"	10.5	1529'	Thick Set	160	#10 KOL seal @ sx

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 Page		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-3/8"	1331'		
Date of First, Resumerd Production, SWD or Enhr.		Producing Method		
SI - waiting on pipeline		<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 Other (Specify) _____

Production Interval _____

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WICHITA, KS

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Scovel 5-11		
	Sec. 11 Twp. 32S Rng. 13E, Montgomery County		
API:	15-125-31427-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations			
4	Mineral 1230.5' - 1232'	3601 lbs 20/40 sand 282 bbls water 300 gals 15% HCl acid	1230.5' - 1232'
4	V-Shale 1186.5' - 1189' Bevier 1166' - 1167.5'	7603 lbs 20/40 sand 601 bbls water 300 gals 15% HCl acid	1166' - 1189'
4	Mulky 1134' - 1137.5' Summit 1112' - 1114.5'	1280 lbs 20/40 sand 673 bbls water 400 gals 15% HCl acid	1112' - 1137.5'

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GEOLOGIC REPORT

LAYNE ENERGY
Scovel 5-11
SW NW, 1556 FNL, 351 FWL
Section 11-T32S-R13E
Montgomery County, KS

Spud Date: 9/4/2007
Drilling Completed: 9/4/2007
Logged: 9/6/2007
A.P.I. #: 15125314270000
Ground Elevation: 846'
Depth Driller: 1535'
Depth Logger: 1536'
Surface Casing: 8.625 inches at 121'
Production Casing: inches at '
Cemented Job: 0
Open Hole Logs: Dual Induction SFL/GR, High Resolution
Compensated Density/Neutron

Formation	Tops	
	(below ground)	(subsea)
Quaternary	Surface (Alluvium)	846
Pawnee Limestone	999	-153
Excello Shale	1,134	-288
"V" Shale	1,186	-340
Mineral Coal	1,231	-385
Mississippian	1,483	-637

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Daily Well Work Report

SCOVEL 5-11

9/6/2007

Well Location:

MONTGOMERY KS
32S-13E-11 NW SW NW
1556FNL / 351FWL

Cost Center

Lease Number
Property Code
API Number

G01059300100
G010593
KSSY32S13E1105
15-125-31427

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
9/4/2007	9/6/2007	11/9/2007		11/20/2007	SCOVEL_5_11
TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1535	1529	121	1429	0	0

Reported By krd	Rig Number	Date 9/4/2007
Taken By krd		Down Time
Present Operation Drill out from under surface		Contractor Thornton

Narrative

MIRU Thorton Drilling, drilled 11' hole, 121' deep, rih w/6 jts 8-5/8" surface casing. Rig up Consolidated to csg, break circulation w/ 10 bblx fresh water, Mixed 65 sks regular class "A" cement w/2% calcz, 2% gel and 1/4 # flocele per sack @ 15# per gallon. Displace with 6.75 bbls fresh water. Shut casing in. Good returns to surface. RD SDFN DWC:\$3,510

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WICHITA, KS

Wednesday, December 05, 2007

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CONSOLIDATED OIL WELL SERVICES, LLC
 P.O. BOX 884, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

TICKET NUMBER 12651
 LOCATION EUREKA
 FOREMAN RICK LINDSEY

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
9-7-07	4758	SCARLE 5-11				MC	
CUSTOMER <u>Layne Energy</u>		Gus Jones		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>P.O. Box 1160</u>				<u>463</u>	<u>Kyle</u>		
CITY <u>Sycamore</u>				<u>515</u>	<u>Calin</u>		
STATE <u>KS</u>	ZIP CODE						

JOB TYPE logstring HOLE SIZE 6 3/4" HOLE DEPTH 1525' CASING SIZE & WEIGHT 4 1/2" 16.5"
 CASING DEPTH 1529' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.2" SLURRY VOL 50 bbl WATER gal/sk 8.0 CEMENT LEFT in CASING 0'
 DISPLACEMENT 24 1/2 bbl DISPLACEMENT PSI 200 PSI 1300 RATE _____

REMARKS: Safety meeting. Rig up to 4 1/2" casing. Break circulation w/ 35 bbl fresh water. Pump 8 sks gel-flush w/ bulls, 10 bbl water spacer, 20 bbl metasilicate pre-flush, 15 bbl dye water. Mixed 160 sks thickset cement w/ 10" Kel-seal @ 13.2" @ 13.2" @ 13.2". without pump + lines, shut down. release plug. Displace w/ 24 1/2 bbl fresh water. Final pump pressure 200 PSI. Pump plug to 1300 PSI. wait 2 minutes release pressure, float held. Cement cement returns to surface = 8 bbl slurry to pit. Job complete. Rig down.

"Thank You"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	870.00	870.00
5406	40	MILEAGE	3.50	152.00
1126A	160 sks	thickset cement	15.10	2416.00
1110A	1600"	Kel-seal 10" @ 13.2"	.38	608.00
1118A	400"	gel-flush	.15	60.00
1105	50"	bulls	.36	18.00
1102	20"	spacer	.67	13.40
111A	100"	metasilicate pre-flush	1.65	165.00
5407A	8.8	for mileage bulk tri	1.10	9.68
4404	1	4 1/2" top rubber plug	40.00	40.00
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			5.32	4767.20
			SALES TAX	170.65
			ESTIMATED TOTAL	4937.85

AUTHORIZATION called by M. J. ... TITLE C. R. DATE _____
 4948.45

CONSOLIDATED OIL WELL SERVICES, LLC
 P.O. BOX 884, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

TICKET NUMBER 12604
 LOCATION EUREKA
 FOREMAN RICK LEONARD

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-4-07	4758	Scovel 5-11				MC
CUSTOMER Layne Energy			TRUCK #			
MAILING ADDRESS P.O. Box 100			DRIVER Kyle		TRUCK #	
CITY Sycamore			DRIVER Calin		TRUCK #	
STATE KS		ZIP CODE		DRIVER		TRUCK #

JOB TYPE surface HOLE SIZE 11" HOLE DEPTH 122' CASING SIZE & WEIGHT 8 5/8"
 CASING DEPTH 121' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15" SLURRY VOL _____ WATER gal/sk 6.5 CEMENT LEFT in CASING 20'
 DISPLACEMENT 6 3/4 bbl DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting. Rig up to 8 5/8" casing. Break circulation w/ 10 bbl fresh water. Mixed 65 sacks regular class "A" cement w/ 270 cc/cc, 270 gal + 74" floccle #1/sk @ 15" @/gal. Displace w/ 6 3/4 bbl fresh water. Shut casing in w/ good cement returns to surface. Job complete. Rig down.

"Thank You"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	650.00	650.00
5406	1	MILEAGE 2 nd well		
11045	65 sacks	class "A" cement	12.20	793.00
1102	125"	270 cc/cc	.67	83.75
1118A	125"	270 gal	.15	18.75
1107	16	74" floccle #1/sk	1.90	30.40
5407		tax-mileage bulk tax	n/c	285.00
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WICHITA, KS				
			sub total	1860.90
			5.3% SALES TAX	49.07
			ESTIMATED TOTAL	1909.97

216230

AUTHORIZATION called by rig TITLE _____ DATE _____