

CONFIDENTIAL

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: M. B. Natrass
Phone: (913) 748-3987
Contractor: Name: McPherson Drilling
License: 5675

KCC
NOV 16 2006
CONFIDENTIAL

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. _____

7/24/2006 7/26/2006 9/18/2006
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-31087 -00-00
County: Montgomery
_____ SW SE Sec. 8 Twp. 31 S. R. 14 East West
660 feet from N (circle one) Line of Section
1980 feet from W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: McCabe Well #: 15-8
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 938 Kelly Bushing: _____
Total Depth: 1563 Plug Back Total Depth: 1561
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 1561
feet depth to Surface w/ 160 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: At II N'S 9-15-09
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. 17 2006 East West
County: _____ Docket No. _____

RECEIVED
KANSAS CORPORATION COMMISSION
NOV 17 2006
CONSERVATION DIVISION
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: 11/16/06
Subscribed and sworn to before me this 16 day of November
20 Brooke C. Maxfield
Notary Public
Date Commission Expires: 12/28/09

NOTARY PUBLIC - State Of Kansas
BROOKE C. MAXFIELD
My Appt. Exp. 12/28/09

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

Operator Name: Layne Energy Operating, LLC Lease Name: McCabe Well #: 15-8
 Sec. 8 Twp. 31 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	999 GL	-61
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Excello Shale	1128 GL	-190
List All E. Logs Run:		V Shale	1196 GL	-258
Compensated Density Neutron		Mineral Coal	1241 GL	-303
Dual Induction		Mississippian	1499 GL	-561

KCC
NOV 16 2006
CONFIDENTIAL

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	1561'	Thick Set	160	

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		

RECEIVED
KANSAS CORPORATION COMMISSION
NOV 17 2006
CONSERVATION DIVISION
WICHITA, KS

TUBING RECORD		Size <u>2 3/8"</u>	Set At <u>1280'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>11/1/2006</u>		Producing Method <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 Bbbs. <u>0</u>	Gas Mcf <u>0</u>	Water Bbbs. <u>89</u>	Gas-Oil Ratio	Gravity

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

KCC

NOV 16 2006

CONFIDENTIAL

Operator Name: Layne Energy Operating, LLC.
Lease Name: McCabe 15-8
Sec. 8 Twp. 31S Rng. 14E, Montgomery County
API: 15-125-31087

Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1256.5-1257.5, 1240.5-1243	Scammon A, Mineral - 4400# 20/40 sand, 350 gal 15% HCl acid, 320 bbls wtr	1240.5-1257.5
4	1196-1199, 1178-1180	Croweburg, Bevier - 5200# 20/40 sand, 500 gal 15% HCl acid, 397 bbls wtr	1178-1199
4	1127.5-1134, 1111.5-1116.5, 1039.5- 1040.5, 1034.5-1037.5, 859.5-862	Mulky, Summit, Lexington, Anna Shale, Laredo - 14100# 20/40 sand, 918 bbls wtr, 1000 gal 15% HCl acid	859.5-1134

RECEIVED
KANSAS CORPORATION COMMISSION
NOV 17 2006
CONSERVATION DIVISION
WICHITA, KS

KCC

NOV 16 2006

CONFIDENTIAL

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

TICKET NUMBER 10376
LOCATION Eureka
FOREMAN Troy Strickler

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																
7-26-06	4458	Mcabe 15-8				MG																
CUSTOMER Layne Energy			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>446</td> <td>Calin</td> <td></td> <td></td> </tr> <tr> <td>441</td> <td>Cliff</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	446	Calin			441	Cliff						
TRUCK #	DRIVER	TRUCK #					DRIVER															
446	Calin																					
441	Cliff																					
MAILING ADDRESS P.O. Box 160																						
CITY Sycamore	STATE Ks	ZIP CODE																				

Gus Jones

JOB TYPE Longstring HOLE SIZE 6 3/4" HOLE DEPTH 1563 CASING SIZE & WEIGHT 4 1/2" 10.5"
CASING DEPTH 1561 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 13.2# SLURRY VOL 508bl WATER gal/sk 8" CEMENT LEFT in CASING 0'
DISPLACEMENT 24.88bl DISPLACEMENT PSI 800 MIX PSI 1300 Comp Ply RATE _____

REMARKS: Rig up to 4 1/2" casing. Break circulation w/ 308bl water. Pump 158bl
Gel-Flush, 58bl Water Spacer, 198bl Metasilicate Pre-Flush, 158bl Dye Water
Mixed. 160 sks Thick Set Cement w/ 10" Kol-Seal @ 13.2# per gal.
Wash out Pump + lines. Release Plug. Displace w/ 24.88bl water.
Final Pump Pressure 800 PSI. Bump Ply to 1300 PSI. Wait 2min
Release Pressure. Float Held. Good Cement to surface = 78bl Slurry
to Pit.

Job Complete.

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 17 2006

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES of PRODUCTION DIVISION WICHITA, KS	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE 2nd of	800.00	800.00
5406	0	MILEAGE 2nd of 2 wells	3.15	0
1126A	160sks	Thick Set Cement	14.65	2344.00
1110A	1600 #	Kol-Seal 10" PerfK	.36	576.00
1118A	200#	Gel-Flush	.14#	28.00
1111A	50#	Metasilicate	1.65#	82.50
5407A	8.8 Ton	Ton - Mileage Bulk Truck	1.05	369.60
4404	1	4 1/2" Top Rubber Ply	40.00	40.00
		Thank You!		
			Sub Total	4240.10
			SALES TAX 5.32	162.73
			ESTIMATED TOTAL	4402.83

AUTHORIZATION Called by John Ed.

201429
TITLE _____

DATE _____

GEOLOGIC REPORT

LAYNE ENERGY
McCabe 15-8
SW SE, 660 FSL, 1980 FEL
Section 8-T31S-R14E
Montgomery County, KS

KCC
NOV 16 2006
CONFIDENTIAL

Spud Date: 7/24/2006
Drilling Completed: 7/26/2006
Logged: 7/26/2006
A.P.I. #: 1512531087
Ground Elevation: 938'
Depth Driller: 1563'
Depth Logger: 1568'
Surface Casing: 8.625 inches at 20'
Production Casing: 4.5 inches at 1561'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, High Resolution
Compensated Density/Neutron

Formation

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

Tops (in feet below ground level)

Surface (Revard Sandstone Bed)
999
1,128
1,196
1,241
1,499

RECEIVED
KANSAS CORPORATION COMMISSION
NOV 17 2006
CONSERVATION DIVISION
WICHITA, KS