

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

7/21/10

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: McPherson Drilling
License: 5675
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. _____

4/30/2008 5/1/2008 Pending
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 125-31603-00-00
County: Montgomery
_____ NW _____ SE Sec. 30 Twp. 31 S. R. 14 East West
2304 feet from N (circle one) Line of Section
2177 feet from W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Faler Well #: 10-30
Field Name: Cherokee Basin Coal Area

Producing Formation: Cherokee Coals
Elevation: Ground: 850' Kelly Bushing: _____
Total Depth: 1468' Plug Back Total Depth: 1459'
Amount of Surface Pipe Set and Cemented at 22 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1459
feet depth to Surface w/ 200 sx cmt.

Drilling Fluid Management Plan AH-11-NH-9-3-08
(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: _____
Title: Agent Date: 7-21-08

Subscribed and sworn to before me this 21 day of July, 2008.

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
 TIC Distribution
RECEIVED
KANSAS CORPORATION COMMISSION
JUL 22 2008
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Faler Well #: 10-30
 Sec. 30 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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>931 GL</td> <td>-81</td> </tr> <tr> <td>Excello Shale</td> <td>1061 GL</td> <td>-211</td> </tr> <tr> <td>V-Shale</td> <td>1118 GL</td> <td>-268</td> </tr> <tr> <td>Mineral Coal</td> <td>1161 GL</td> <td>-311</td> </tr> <tr> <td>Mississippian</td> <td>1426 GL</td> <td>-576</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	931 GL	-81	Excello Shale	1061 GL	-211	V-Shale	1118 GL	-268	Mineral Coal	1161 GL	-311	Mississippian	1426 GL	-576
Name	Top	Datum																	
Pawnee Lime	931 GL	-81																	
Excello Shale	1061 GL	-211																	
V-Shale	1118 GL	-268																	
Mineral Coal	1161 GL	-311																	
Mississippian	1426 GL	-576																	

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JUL 21 2008 CASING RECORD New 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	22'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1459'	Thick Set	200	50/50 posmix w/2% gel

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

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WICHITA, KS

TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>1208'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. Shut-In		Producing Method <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. <u>0</u>	Gas Mcf	Water Bbls. <u>0</u>	Gas-Oil Ratio

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

METHOD OF COMPLETION

Production Interval Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

GEOLOGIC REPORT

LAYNE ENERGY
Faler 10-30
NW SE, 2304 FSL, 2177 FEL
Section 30-T31S-R14E
Montgomery County, KS

Spud Date: 4/30/2008
Drilling Completed: 5/2/2008
Logged: 5/2/2008
A.P.I. #: 15125316030000
Ground Elevation: 850'
Depth Driller: 1468'
Depth Logger: 1460'
Surface Casing: 8.625 inches at 22'
Production Casing: 4.5 inches at 1459'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, Litho Density /
Neutron Logs

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JUL 21 2008

KCC

Formation	Tops	
	(below ground)	(subsea)
Quaternary	Surface (Alluvium)	850
Pawnee Limestone	931	-81
Excello Shale	1,061	-211
"V" Shale	1,118	-268
Mineral Coal	1,161	-311
Mississippian	1,426	-576

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CONSERVATION DIVISION
WICHITA, KS

Daily Well Work Report

FALER 10-30

4/30/2008

Well Location:
MONTGOMERY KS
31S-14E-30 NW NW SE
2304FSL / 2177FEL

Cost Center G01060400100
Lease Number G010604
Property Code KSSY31S14E3010
API Number 15-125-31603

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
4/30/2008	5/2/2008				

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1468	1459	22	1459	0	0

Reported By krd

Rig Number

Date

4/30/2008

Taken By krd

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Down Time

Present Operation

DRILL OUT SURFACE
JUL 2 1 2008

Contractor

MCPHERSON

Narrative

KCC

MIRU MCPHERSON, DRILLED 11" HOLE, 22' DEEP, RIH W/ 1 JT 8 5/8" SURFACE CASING,
MIXED 4 SX TYPE 1 CEMENT, DUMPED DOWN THE BACKSIDE. SDFN.
DWC:\$2880

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JUL 2 2 2008

CONSERVATION DIVISION
WICHITA, KS

14011

CONSOLIDATED OIL WELL SERVICES, LLC
P.O. BOX 384, CHANUTE, KS 66720
785-431-9210 OR 800-467-8676

ENTERED

TICKET NUMBER
LOCATION Eureka
FOREMAN Russell mclay

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-2-08	4758	Faler 10-30				MG
CUSTOMER			Gus Jones			
MAILING ADDRESS			TRUCK #			
P.O. Box 160			DRIVER			
CITY			TRUCK #			
STATE			DRIVER			
ZIP CODE			TRUCK #			
SYCAMORE KS			DRIVER			

JOB TYPE	HOLE SIZE	HOLE DEPTH	CASING SIZE & WEIGHT
low pressure	6 3/4	1468	4 1/2 10.5 #
CASING DEPTH	DRILL PIPE	TUBING	OTHER
1459			
CURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING
13.9	50.861	6.1	0
DISPLACEMENT	DISPLACEMENT PSI	RATE	
23 1/4	1000	3 1/2 bpm	

REMARKS: Safety meeting, Rig up to 2008 1/2 casing, wash down 10' to T.D.
 OFF 1460' Pull casing up to 1459' w/ 40 86l water, mix 300# gel w/ 50#
 hulls flush w/ 20 86l spacer 5' 26l DYE water, mix 200 SK's 50/50 Pozmix
 cement w/ 2% gel 2% CaCl2 4# Kalsol 3# Calson 1/8# Flocelec 1/2%
 FL-110 Fluid loss 1/4% CAF-38 DeFormer AT 13.9# w/ yield of 1.40
 WASH OUT Pump + lines, Release 4 1/2 TOP Rubber Plug Displace w/ 23 1/4
 86l water. Final Pump PSI 600# Bump Plug To To 1100# Release Top FLOAT
 FLOAT HOLD. Good cement Returns to Surface = 5 86l Slurry. TOP OFF well
 w/ cement. Annulus stayed Full. Job complete, TRAC Down Thank You
 Russ Clifford

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICE	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	875.00	875.00
5406	40	MILEAGE	3.45	138.00
1124	200 SK's	50/50 Pozmix cement	9.30	1860.00
1118 A	340 #	2% gel	.16	54.40
1102	340 #	2% CaCl2	.70	238.00
1110 A	800 #	Kalsol 4# per/sk	.40	320.00
1101	600 #	Calson 3# per/sk	.35	210.00
1107	25 #	Flocelec 1/8# per/sk	1.98	49.50
1135	84 #	1/2% FL-110 Fluid loss	7.15	600.60
1146	42 #	1/4% CAF-38 DeFormer	7.30	306.60
1118 A	300 #	gel - Flush	.16	48.00
1105	50 #	hull's	.37	18.50
5407 A	8.4 Ton's	Ton mileage Bulk Truck	114	383.04
4404	1	4 1/2 TOP Rubber Plug	42.00	42.00
Sub Total				5,143.64
5.3%			SALES TAX	198.61
			ESTIMATED TOTAL	5,342.25

Received Time: May 6, 2008 11:48AM No. 3513
 TITLE Co Rep
 DATE 5-2-08