

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

Wellsite Geologist: _____
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW 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. _____
7/28/2006 8/1/2006
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-30970
County: Montgomery
SE SE Sec. 28 Twp. 31 S. R. 15 East West
660 feet from N (circle one) Line of Section
660 feet from W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Wint Well #: 16-28
Field Name: Cherokee Basin Coal Area

Producing Formation: Cherokee Coals
Elevation: Ground: 890 Kelly Bushing: _____
Total Depth: 1364 Plug Back Total Depth: 1350
Amount of Surface Pipe Set and Cemented at 40 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1350
feet depth to Surface w/ 140 sx cmt.

Drilling Fluid Management Plan Alt II NR 8-13-08
(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. _____ West
County: _____ Docket No.: _____

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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: MBS Natrass
Title: Agent Date: 11/21/06
Subscribed and sworn to before me this 21 day of November
20 06
Notary Public: Brooke C. Maxfield
Date Commission Expires: 12/28/09

NOTARY PUBLIC - State Of Kansas
BROOKE C. MAXFIELD
My Appt. Exp. 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: Wint Well #: 16-28
 Sec. 28 Twp. 31 S. R. 15 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>750 GL</td> <td>140</td> </tr> <tr> <td>Excello Shale</td> <td>889 GL</td> <td>1</td> </tr> <tr> <td>V Shale</td> <td>937 GL</td> <td>-47</td> </tr> <tr> <td>Mineral Coal</td> <td>977 GL</td> <td>-87</td> </tr> <tr> <td>Mississippian</td> <td>1286 GL</td> <td>-396</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	750 GL	140	Excello Shale	889 GL	1	V Shale	937 GL	-47	Mineral Coal	977 GL	-87	Mississippian	1286 GL	-396
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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	40'	Class A	8	Type 1 cement
Casing	6.75	4.5	10.5	1350'	Thick Set	140	

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
	SI-waiting on completion	<div style="font-size: 24px; font-weight: bold; color: gray;">RECEIVED</div> <div style="font-size: 24px; font-weight: bold; color: gray;">NOV 22 2006</div> <div style="font-size: 24px; font-weight: bold; color: gray;">KCC WICHITA</div>	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. SI-waiting on pipeline		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 Bbbs.	Gas Mcf	Water Bbbs.	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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MORNING COMPLETION REPORT

Report Called in by: : JES _____

Report taken by: KRD _____

LEASE NAME & #	AFE#	DATE	DAYS	CIBP	PBTD
WINT 16-28	G01014600100	7/28/2006	1	DEPTH	TYPE FLUID
PRESENT OPERATION:					WT
DRILL OUT FROM UNDER SURFACE					VIS
DEEPEST CASING	LINERS OD TOP & SHOE DEPTH	REPAIR DOWN TIME HRS	CONTRACTOR	MOKAT	
OD SHOE DEPTH	8 5/8" 24# J-55 -- Set 20'	TEST PERFS	RIG NO	BILLY	
PACKER OR ANCHOR	FISHING TOOLS	OD	ID	SQUEEZED OR PLUG BACK PERFS	
				TO	
				TO	
				TO	
				TO	
				TO	
HRS	BRIEF DESCRIPTION OF OPERATION				
	MIRU MCPHERSON DRILLING, DRILLED 11" HOLE, 40 DEEP, RIH W/ 2 JT 8 5/8" SURFACE CASING,				
	MIXED 8 SXS TYPE 1 CEMENT, DUMPED DN THE BACKSIDE, SDFN.				

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DAILY COST ANALYSIS

RIG	_____
SUPERVISION	200
RENTALS	_____
SERVICES	400
MISC	2560

DETAILS OF RENTALS, SERVICES, & MISC

MOKAT DRILLING @ 6.50/ft	
MOKAT (CEMENT)	160
DIRTWORKS (LOC,RD, PIT)	400
SURFACE CASING	400
LAND/ LEGAL	2000

DAILY TOTALS 3160 PREVIOUS TCTD TCTD 3160

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

TICKET NUMBER 10440
 LOCATION Eureka
 FOREMAN Troy Strickler

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-2-06	4758	Wint 16-28				MG
CUSTOMER			TRUCK #			
Layne Energy			DRIVER			
MAILING ADDRESS			TRUCK #			
P.O. Box 160			DRIVER			
CITY			TRUCK #			
Sycamore			DRIVER			
STATE			TRUCK #			
KS			DRIVER			
ZIP CODE			TRUCK #			
			DRIVER			
JOB TYPE <u>Long string</u>			HOLE DEPTH <u>1364'</u>			
HOLE SIZE <u>6 3/4"</u>			CASING SIZE & WEIGHT <u>4 1/2" 10.5"</u>			
CASING DEPTH <u>1350'</u>			OTHER _____			
DRILL PIPE _____			TUBING _____			
SLURRY WEIGHT <u>13.2"</u>			WATER gal/sk <u>8°</u>			
SLURRY VOL <u>4486l</u>			CEMENT LEFT in CASING <u>0'</u>			
DISPLACEMENT <u>21.5 Bbl</u>			MIX PSI <u>1200 bump Pls</u>			
DISPLACEMENT PSI <u>700</u>			RATE _____			

REMARKS: Safety meeting: Rig up 4 1/2" casing. Break circulation w/ 25 Bbl water. Pump 4 sks Gel-Flush, 50 Bbl water spacer, 1 sk metasilicate, 11 Bbl dye water. Mixed 140 sks Thick set Cement w/ 10" Kol-Seal @ 13.2" Prof. Flush out Pump & lines. Release Plug. Displaced w/ 21.5 Bbl. Final Pump Pressure 700 PST. Bump Plug to 1200 PST. Wait 2 mins. Release Pressure. Float Hdt. Cool Cement to surface = 786l slurry to fit.

Job Complete.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	800.00	800.00
5406	40	MILEAGE	3.15	126.00
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1126A	140 sks	Thick set Cement	14.65	2051.00
1110A	1400 #	Kol-Seal 10" Prof	.36 #	504.00
1118A	200 #	Gel-Flush	.14 #	28.00
1111A	50 #	Metasilicate Pre-Flush	1.65 #	82.50
5407A	7.7 Ton	Ton-mileage Bulk Truck	1.05	323.40
5502C	3 hrs.	80 Bbl Vac Truck	90.00	270.00
1123	300 gal	City Water	12.80	3840
4404	1	4 1/2" Top Rubber Plug	40.00	40.00
			Sub Total	4263.30
			SALES TAX	145.48
			ESTIMATED TOTAL	4408.78

Post-It® Fax Note 7671

To: Bruce

From: Michelle

Co./Dept: _____

Co: _____

Phone #: _____

Phone #: _____

Fax #: 913-748-3950

Fax #: _____

6 hrs Paul

135

LE _____

DATE _____

GEOLOGIC REPORT

LAYNE ENERGY
Wint 16-28
SE SE, 660 FSL, 660 FEL
Section 28-T31S-R15E
Montgomery County, KS

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Spud Date: 7/28/2006
Drilling Completed: 8/1/2006
Logged: 8/1/2006
A.P.I. #: 1512530970
Ground Elevation: 890'
Depth Driller: 1364'
Depth Logger: 1367'
Surface Casing: 8.625 inches at 41'
Production Casing: 4.5 inches at 1350'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, High Resolution
Compensated Density/Neutron

Formation	Tops (in feet below ground level)
Lansing Group	Surface (Vilas Shale)
Pawnee Limestone	750
Excello Shale	889
"V" Shale	937
Mineral Coal	977
Mississippian	1,286

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Layne Energy, Inc.

1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205 Phone: (913) 748-3987 Fax: (913) 748-3970

November 21, 2006

Kansas Corporation Commission
Oil & Gas Conservation Division
130 S. Market, Room 2078
Wichita, KS 67202

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Re: Well Completion Form

To Whom It May Concern:

I have enclosed the ACO-1 form and associated data for the following wells:

API # 15-125-30970
Wint 16-28

We respectfully request that all information submitted be kept confidential and per provision E-4 of K.A. R. 82-3-107, we request that the term of the confidentiality be extended by one year.

If you need additional information or have any questions or comments, please contact me at (913) 748-3987.

Best regards,


Brooke C. Maxfield

Enclosures

Cc Well File
Field Office

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