

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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

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Wellsite Geologist: _____
Designate Type of Completion: **CONSERVATION DIVISION
WICHITA, KS**
 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. _____

<u>2/20/2006</u>	<u>2/22/2006</u>	<u>4/19/2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30960 -00-00
County: Montgomery
E/2 SW SE Sec. 9 Twp. 31 S. R. 16 East West
609 feet from (S) N (circle one) Line of Section
1671 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Dunham Well #: 15-9
Field Name: Neodesha
Producing Formation: Cherokee Coals
Elevation: Ground: 851 Kelly Bushing: _____
Total Depth: 1184 Plug Back Total Depth: 1176
Amount of Surface Pipe Set and Cemented at 21 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1183
feet depth to Surface w/ 125 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: _____
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: MB Natrass
Title: Agent Date: 6/29/06
Subscribed and sworn to before me this 29 day of June
ao
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
4 Letter of Confidentiality Received
If Denied, Yes Date: 7/6/06
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Layne Energy Operating, LLC Lease Name: Dunham Well #: 15-9
 Sec. 9 Twp. 31 S. R. 16 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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Pawnee Lime	556	295
Excello Shale	689	162
"V" Shale	738	113
Mineral Coal	775	76
Mississippian	1,092	-241

CASING RECORD <input 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	# Sacks Used	Type and Percent Additives
Surface	11	8.65	24	21	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1183	Thick Set	125	

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		

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TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	813'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
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 _____

Operator Name: Layne Energy Operating, LLC.
Lease Name: Dunham 15-9
Sec. 9 Twp. 31S Rng. 16E, Montgomery County
API: 15-125-30960

<u>Shots per Foot</u>	<u>Perforation Record</u>	<u>Acid, Fracture, Shot, Cement Squeeze Record</u>	<u>Depth</u>
4	774.5-776, 738.5-741, 716-719, 688.5-694.5, 668-672	Mineral, Crowberg, Ironpost, Mulky, Summit-ATP 795, 15 min 372, 8900# 20/40 sand, 1500 gal 15% HCl acid, 691 bbls wtr	668-776

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MORNING COMPLETION REPORT

Report Called in by: : JES _____

Report taken by: KRD _____

LEASE NAME & #	AFE#	DATE	DAYS	CIBP	PBTD
DUNHAM 15-9	C01027600100	2/20/2006	1	DEPTH TYPE	TYPE FLUID
PRESENT OPERATION:					WT
DRILL OUT FROM UNDER SURFACE					VIS
DEEPEST CASING OD SHOE DEPTH	LINERS OD TOP & SHOE DEPTH	REPAIR DOWN TIME HRS		CONTRACTOR MOKAT	
	8 5/8" 24# J-55 --- Set 20'	TEST PERFS		RIG NO	
PACKER OR ANCHOR	FISHING TOOLS	OD	ID	SQUEEZED OR PLUG BACK PERFS	
				TO	
				TO	
				TO	
				TO	
HRS	BRIEF DESCRIPTION OF OPERATION				
	MIRU MCPHERSON DRILLING, DRILLED 11" HOLE, 21' DEEP, RIH W/ 1 JT 8 5/8" SURFACE CASING,				
	MIXED 4 SXS TYPE 1 CEMENT, DUMPED DN THE BACKSIDE, SDFN.				

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DAILY COST ANALYSIS

RIG	_____
SUPERVISION	200
RENTALS	_____
SERVICES	400
MISC	2280

DETAILS OF RENTALS, SERVICES, & MISC	
DRILLING @ 7.00/ft	
(CEMENT)	80
DIRTWORKS (LOC, RD, PIT)	400
SURFACE CASING	200
LAND/ LEGAL	2000

DAILY TOTALS 2880 **PREVIOUS TCTD** 0 **TCTD** 2880

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

TICKET NUMBER 08389

LOCATION EUREKA

FOREMAN Kevin McCoy

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-23-06	4758	Dunham 15-9				MG

CUSTOMER Layne Energy
 MAILING ADDRESS P.O. Box 160
 CITY Sycamore STATE Ks ZIP CODE _____

Gas
 Jones
 Rig 2

TRUCK #	DRIVER	TRUCK #	DRIVER
445	SCOTT		
479	CALIN		
436	LARRY		

JOB TYPE Long string HOLE SIZE 6 3/4 HOLE DEPTH _____ CASING SIZE & WEIGHT 4 1/2 10.5# new
 CASING DEPTH 1183 DRILL PIPE _____ TUBING _____ OTHER PBTD 1176
 SLURRY WEIGHT 13.2 # SLURRY VOL 39 BBL WATER gal/sk 8.0 CEMENT LEFT in CASING 7'
 DISPLACEMENT 18.7 BBL DISPLACEMENT PSI 700 MAX PSI 1200 Bump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. BREAK circulation w/ 30 BBL fresh water. Pump 4 sks Gel flush, 5 BBL water spacer, 10 BBL Metasilicate Pre flush, 10 BBL Dye water. Mixed 125 sks Thick Set Cement w/ 10" Kol-Seal per/sk @ 13.2 # per/gal, yield 1.75. wash out Pump & Lines. shut down. Release Plug. Displace w/ 18.7 BBL fresh water. Final Pumping Pressure 700 psi. Bump Plug to 1200 psi. wait 2 minutes. Release Pressure. float Held. Good Cement Returns to Surface = 8 BBL slurry. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	800.00	800.00
5406	40	MILEAGE	3.15	126.00
1126 A	125 SKS	Thick Set Cement	13.65	1706.25
1110 A	25 SKS	KOL-SEAL 10" PER/SK	17.75	443.75
1118 A	4 SKS	Gel Flush	7.00	28.00
1111 A	50 #	Metasilicate	1.65 #	82.50
5407 A	6.87 TONS	40" BULK TRUCK	1.05	288.54
5502 C	3 Hrs	80 BBL VAC TRUCK	90.00	270.00
1123	3000 gals	City Water	12.80 Per 1000	38.40
4404	1	4 1/2 Top Rubber Plug	40.00	40.00
5605 A	4 Hrs	Welder	78.00	312.00
			Sub Total	4135.44
			SALES TAX	123.96
			ESTIMATED TOTAL	4259.40
			Thank you	5.3

AUTHORIZATION Called By John Ed

TITLE _____

DATE _____

203158

GEOLOGIC REPORT

LAYNE ENERGY
Dunham 15-9
SW SE, 609 FSL, 1671 FEL
Section 9-T31S-R16E
Montgomery County, KS

Spud Date: 2/20/2006
Drilling Completed: 2/22/2006
Logged: 2/22/2006
A.P.I. #: 15-125-30960
Ground Elevation: 851'
Depth Driller: 1184'
Depth Logger: 1188'
Surface Casing: 8.625 inches at 20'
Production Casing: 4.5 inches at 1183'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, High Resolution
Compensated Density/Neutron

Formation

Kansas City Group
Pawnee Limestone
Excello Shale
"V" Shale
Mineral Coal
Mississippian

Tops (in feet below ground level)

Surface (Cottage Grove Sandstone)
556
689
738
775
1,092

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