

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

CONFIDENTIAL

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 33365
 Name: Layne Energy Operating, LLC
 Address: 1900 Shawnee Mission Parkway
 City/State/Zip: Mission Woods, KS 66205
 Purchaser: _____
 Operator Contact Person: Victor H. Dyal
 Phone: (913) 748-3987
 Contractor: Name: McPherson Drilling
 License: 5675
 Wellsite Geologist: Rolland Yoakum
 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. _____

<u>12/3/2004</u>	<u>12/7/2004</u>	<u>3/8/2005</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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API No. 15 - 125-30668 - 00 - 00
 County: Montgomery Aprx. 150'S
C NE NW Sec. 27 Twp. 31 S. R. 16 East West
810 feet from S (circle one) Line of Section
1800 feet from E (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Worl Well #: 3-27
 Field Name: Jefferson-Sycamore
 Producing Formation: Cherokee Coals
 Elevation: Ground: 815 Kelly Bushing: _____
 Total Depth: 1206 Plug Back Total Depth: 1195
 Amount of Surface Pipe Set and Cemented at 62 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 1203
 feet depth to Surface w/ 135 sx cmt.
Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit) ALT II with 6-6-07
 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: Victor H. Dyal
 Title: Agent Date: 3/31/05
 Subscribed and sworn to before me this 31st day of March
2005
 Notary Public: Margaret Allen
 Date Commission Expires: 10/14/2008

KCC Office Use ONLY

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

MARGARET ALLEN
Notary Public - State of Kansas
My Appt. Expires 10/14/08

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Side Two

ORIGINAL

Operator Name: Layne Energy Operating, LLC Lease Name: Worl Well #: 3-27
Sec. 27 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 [x] No
Samples Sent to Geological Survey [] Yes [x] No
Cores Taken Yes [x] No
Electric Log Run [x] Yes [] No
List All E. Logs Run:

Compensated Density Neutron Dual Induction

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Table with 3 columns: Name, Formation (Top), Depth and Datum, Sample. Rows include Pawnee Lime, Excello Shale, V Shale, Mineral Coal, and Mississippian.

CASING RECORD table with columns: 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.

ADDITIONAL CEMENTING / SQUEEZE RECORD table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

PERFORATION RECORD - Bridge Plugs Set/Type table with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record, Depth.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run, Date of First, Resumed Production, SWD or Enhr., Producing Method, Estimated Production Per 24 Hours.

Disposition of Gas METHOD OF COMPLETION Production Interval
[] Vented Sold [] Used on Lease Open Hole Perf. Dually Comp. [] Commingled
(If vented, Sumit ACO-18.) [] Other (Specify)

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ORIGINAL

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Worl 3-27		
	Sec. 27 Twp. 31S Rng. 16E, Montgomery County		
API:	15-125-30668		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1076-1078.5, 1026.5-1028, 872-873, 795.5-797.5	Riverton, Rowe, Weir, Mineral - 1,600gal 15% HCL + 443bbls water + 3,884# 20/40 Sand	795.5-1078.5
4	754-756, 730.5-733.5, 700-706, 674.5-678	Croweberg, Iron Post, Mulky, Summit - 2,400gal 15% HCL + 618bbls water + 6,504# 20/40 Sand	674.5-756

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GEOLOGIC REPORT

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LAYNE ENERGY

Worl 3-27

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NE ¼ , NW ¼, 813' FNL, 1,763' FWL

Section 27-T31S-R16E

MONTGOMERY COUNTY, KANSAS

Drilled: December 3-7, 2004

Logged: December 7, 2004

A.P.I.# 15-125-30668

Ground Elevation: 833'

Depth Driller: 1,206'

Depth Logger: 1,211'

Surface Casing: 8 5/8" @ 60'

Production Casing: 4 1/2" @ 1,195'

Cemented Job: Consolidated

Open Hole Logs: Compensated density neutron log, dual induction sfl/gr log

FORMATION.....TOPS (in feet below ground surface)

Kansas City Group.....Surface (Nellie Bly Formation)

Lenapah Lime353

Altamont Lime.....395

Pawnee Lime549

Anna Shale.....574

First Oswego Lime636

Little Osage Shale.....675

Excello Shale700

Mulky Coal705

Iron Post Coal731

"V" Shale754

Croweburg Coal.....755

Fleming Coal764

Mineral Coal796

Skinner Sand.....834

Weir Pitt Coal872

Bluejacket Coal.....907

AW Coal1,027

Riverton Coal.....1,076

Mississippian1,104

CONSOLIDATED OIL WELL SERVICES, INC.
 211 W. 14TH STREET, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

TIC NUMBER 2711
 LOCATION EUREKA
 FOREMAN Kevin McCoy

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**TREATMENT REPORT & FIELD TICKET
 CEMENT**

ORIGINAL

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-8-04	4758	Worl # 3-27				MTG
CUSTOMER Layne Energy MAILING ADDRESS P.O. Box 160 CITY Sycamore			KCC MAR 31 2005 Gus Jones			
STATE Ks			TRUCK #	DRIVER	TRUCK #	DRIVER
ZIP CODE			445	Troy		
			441	Justin		
			436	Randy		

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1206' CASING SIZE & WEIGHT 4 1/2 10.5 #
 CASING DEPTH 1203 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.4 # SLURRY VOL 42 Bbl WATER gal/sk 7.8 CEMENT LEFT in CASING 8'
 DISPLACEMENT 19.0 Bbl DISPLACEMENT PSI 700 MIX PSI 1200 Bump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. Break circulation w/ 20 BBL Fresh water. Pump 10 BBL Metasilicate Pre flush, 10 BBL Dye water. Mixed 135 sks Thick Set Cement w/ 10 # Kol-Seal per/sk @ 13.4 # per/gal. Wash out Pump & Lines. Shut down. Release Plug. Displace w/ 19.0 BBL Fresh water. Final Pumping Pressure 700 PSI. Bump Plug to 1200 PSI. Wait 2 minutes. Release Pressure. Float Held. Shut casing in @ 0 PSI. Good Cement Returns to Surface = 6 BBL Slurry. Job Complete. Rig down.

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	710.00	710.00
5406	25	MILEAGE	2.35	58.75
1126 A	135 SKS	Thick Set Cement	11.85	1599.75
1110 A	27 SKS	KOL-SEAL 10 # per/sk	15.75	425.25
1111 A	1 sk 50 #	Metasilicate Pre flush	1.40 #	70.00
5407 A	7.42 TONS	25 miles	.85	157.67
4404	1	4 1/2 Top Rubber Plug	35.00	35.00
5502 C	3 Hrs	80 BBL VAL TRUCK	78.00	234.00
1123	3360 GALS	City water	11.50 ^{per 1000}	38.64
5605 A	4 Hrs	welder	70.00	280.00
4311	1	weld on 4 1/2 collar	45.00	45.00
		THANK YOU	Sub Total	3654.06
			SALES TAX	117.32
			ESTIMATED TOTAL	3771.38

5.3%
 194445

AUTHORIZATION _____ TITLE _____ DATE _____

CONSOLIDATED OIL WELL SERVICES, IN
 211 W. 14TH STREET, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

T I NUMBER 2705
 LOCATION Eureka
 FOREMAN Kevin McCoy

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**TREATMENT REPORT & FIELD TICKET
 CEMENT**

ORIGINAL

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-3-04	4791	WORLD # 2-27				MG
CUSTOMER Layne Energy			McPherson Delq.			
MAILING ADDRESS P.O. Box 160			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY Sycamore			445	Troy		
STATE KS			439	Justin		
ZIP CODE			434	JIM		

JOB TYPE SURFACE HOLE SIZE 11" HOLE DEPTH 65' CASING SIZE & WEIGHT 8 5/8 24 #
 CASING DEPTH 62' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 # SLURRY VOL 9 BBL WATER gal/sk 6.5 CEMENT LEFT in CASING 10'
 DISPLACEMENT 3.25 BBL DISPLACEMENT PSI 100 MIX PSI _____ RATE _____

REMARKS: Safety Meeting: Rig up to 8 5/8 casing. Break circulation w/ fresh water. Mixed 40 sks Regular Cement w/ 2% CaCl2. Displace w/ 3.25 BBL fresh water. Shut casing in. Good cement returns to surface. Job complete.

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 S	1	PUMP CHARGE	550.00	550.00
5406	0	MILEAGE in field	2.35	0
1104	40 SKS	Regular Class "A" Cement	8.90	356.00
1102	2 SKS	CaCl2	35.70	71.40
5407	1.88 TONS	Ton Mileage	M/c	60.00
5502 C	2 HRS	80 BBL VAC TRUCK	78.00	156.00
		THANK YOU	Sub total	1193.40
		5.3%	SALES TAX	22.65
			ESTIMATED TOTAL	1,216.05

AUTHORIZATION Witness By Terry Woodford

TITLE Co. Agent

DATE 12-3-04

1944/31