

ORIGINAL

AMENDED

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

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 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. _____

5/27/2005	5/31/2005	6/16/2005
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30741-00-00
 County: Montgomery
 _____ NW SW Sec. 24 Twp. 31 S. R. 16 East West
1683 feet from N (circle one) Line of Section
825 feet from E W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Rash Well #: 12-24
 Field Name: Coffeyville-Cherryvale
 Producing Formation: Cherokee Coals
 Elevation: Ground: 847 Kelly Bushing: _____
 Total Depth: 1188 Plug Back Total Depth: 1173
 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 1184
 feet depth to Surface w/ 130 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.: OCT 14 2005
 Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
 County: _____ Docket No.: _____
RECEIVED
KANSAS CORPORATION COMMISSION
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: 10/13/05
 Subscribed and sworn to before me this 13th day of October,
2005
 Notary Public: M. B. Natrass
 Date Commission Expires: 10/14/2008

KCC Office Use ONLY

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



CONFIDENTIAL

Side Two

Operator Name: Layne Energy Operating, LLC Lease Name: Rash Well #: 12-24
Sec. 24 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 (Attach Additional Sheets)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum Name Top Datum Pawnee Lime 541 306 Excello Shale 691 156 V Shale 744 103 Mineral Coal 786 61 Mississippian 1088 -241
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cores Taken	Yes <input checked="" type="checkbox"/> No	
Electric Log Run (Submit Copy)	✓ Yes No	
List All E. Logs Run:		
Compensated Density Neutron Dual Induction		

CASING RECORD <input checked="" type="checkbox"/> 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	# Sacks Used	Type and Percent Additives
Surface	11"	8.625"	23	20'	Class A	4	Type 1 Cement
Casing	6 3/4"	4.5"	10.5	1184'	Thick Set	130	

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		
TUBING RECORD		Liner Run	
Size	Set At	Packer At	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
2 3/8"	1114'		
Date of First, Resumed Production, SWD or Enhr.		Producing Method	
10/5/2005		Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <input type="checkbox"/>	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity
	0	16	0

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OCT 14 2005
CONSERVATION DIVISION
WICHITA, KS

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

METHOD OF COMPLETION Other (Specify) _____

Production Interval Open Hole Perf. Dually Comp. Commingled _____

KCC

SEP 12 2005

Form ACO-1
September 1999
Form Must Be Typed

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

CONFIDENTIAL

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

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Contractor: Name: McPherson Drilling
License: 5675

CONFIDENTIAL

API No. 15 - 125-30741-00-00
County: Montgomery
NW SW Sec. 24 Twp. 31 S. R. 16 East West
1683 feet from S N (circle one) Line of Section
825 feet from E W (circle one) Line of Section

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Designate Type of Completion:
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 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

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SEP 13 2005

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Rash Well #: 12-24
Field Name: Coffeyville-Cherryvale

If Workover/Re-entry: Old Well Info as follows:
Operator: _____

Producing Formation: Cherokee Coals
Elevation: Ground: 847 Kelly Bushing: _____
Total Depth: 1188 Plug Back Total Depth: 1173
Amount of Surface Pipe Set and Cemented at 20' Feet
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If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1184
feet depth to Surface w/ 130 sx cmt.

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. _____

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) ACT II WITHIN 4-23-07
Chloride content n/a ppm Fluid volume _____ bbls
Dewatering method used n/a air drilled

5/27/2005 5/31/2005 6/16/2005
Spud Date or Date Reached TD Completion Date or Recompletion Date

Location of fluid disposal if hauled offsite:
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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Signature: MB Natrass
Title: Agent Date: 9/12/05
Subscribed and sworn to before me this 12th day of September, 2005.
Notary Public: Margaret Allen
Date Commission Expires: 10/14/2008

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

 **MARGARET ALLEN**
Notary Public - State of Kansas
My Appt. Expires 10/14/2008

CONFIDENTIAL

Side Two

KCC ORIGINAL
SEP 12 2005

Operator Name: Layne Energy Operating, LLC Lease Name: Rash Well #: 12-24
Sec. 24 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.

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Cores Taken	Yes <input checked="" type="checkbox"/> No	
Electric Log Run <i>(Submit Copy)</i>	✓ Yes No	
List All E. Logs Run:		
Compensated Density Neutron Dual Induction		

CASING RECORD <input checked="" type="checkbox"/> 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	# Sacks Used	Type and Percent Additives
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Casing	6 3/4"	4.5"	10.5	1184'	Thick Set	130	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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 SEP 13 2005 CONSERVATION DIVISION WICHITA, KS	

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	No	
		2 3/8"	1114'					
Date of First, Resumed Production, SWD or Enhr.			Producing Method					
SI - Waiting on production			Flowing	Pumping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

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 SEP 13 2005
CONSERVATION DIVISION
WICHITA, KS

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Rash 12-24		
	Sec. 24 Twp. 31S Rng. 16E, Montgomery County		
API:	15-125-30741		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1073-1074.5, 1019-1020, 907.5-908.5, 854-856.5	Riverton, Rowe, Weir, Tebo - 1,510gal 15% HCL + 420 bbls water + 3,300# 20/40 Sand	854-1074.5
4	786-787, 743.5-746, 720.5-722, 691-696, 666.5-670	Mineral, Croweberg, Ironpost, Mulkey, Summit - 2,300gal 15% HCL + 580 bbls water + 7,100# 20/40 Sand	666.5-787

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CONSERVATION DIVISION
WICHITA, KS

MORNING COMPLETION REPORT
Report taken by: KRD

Report Called in by: JES

LEASE NAME & #		AFE#	DATE	DAYS	CIBP DEPTH	PBTB TYPE FLUID
Rash 12-24			5/27/2006	1		
PRESENT OPERATION:						WT
DRILL OUT FROM UNDER SURFACE						VIS
DEEPEST CASING OD SHOЕ DEPTH	LINERS OD TOP & SHOЕ DEPTH	REPAIR DOWN TIME HRS		CONTRACTOR MC		
	8 5/8" 248 J-65 -- Set 40'			RIG NO MIKE H.		
PACKER OR ANCHOR	FISHING TOOLS	OD	ID	TEST PERFS	SQUEEZED OR PLUG BACK PERFS	
				TO	TO	
				TO	TO	
				TO	TO	
				TO	TO	
HRS	BRIEF DESCRIPTION OF OPERATION					
	MIRU MCPHERSON DRILLING, DRILLED 11" HOLE, 20' DEEP, RIH W/ 1 JT 8 5/8" SURFACE CASING.					
	MIXED 4 SXS TYPE 1 CEMENT, DUMPED ON THE BACKSIDE, SDFN.					

DAILY COST ANALYSIS

RIG	
SUPERVISION	200
RENTALS	
SERVICES	400
MISC	2280

DETAILS OF RENTALS, SERVICES, & MISC

MCPHERSONDRILLING @ 6.50/R	
MCPHERSON (CEMENT)	80
DIRTWORKS (LOC,RD, PIT)	400
SURFACE CASING	200
LAND/ LEGAL	2000

DAILY TOTALS 2880 PREVIOUS TCTD TCTD 2880

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

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SEP 12 2005

T ET NUMBER 39999
 LOCATION Eureka
 FOREMAN Brad Butler

CONFIDENTIAL
 TREATMENT REPORT & FIELD TICKET
CEMENT

ORIGINAL

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-6-05	4758	Kash 12-24				Montgomery
CUSTOMER Layne Energy Mailing Address P.O. Box 160 City Sycamore			Gus Jones			
STATE KS			ZIP CODE			

TRUCK #	DRIVER	TRUCK #	DRIVER
446	Scott		
442	Anthony		
436	Jason		
452 T63	Jim		

JOB TYPE Logging HOLE SIZE 6 3/4" HOLE DEPTH 1188' CASING SIZE & WEIGHT 4 1/2" 10.5 lb
 CASING DEPTH 1184' DRILL PIPE TUBING PBD 1173' OTHER _____
 SLURRY WEIGHT 13.2 SLURRY VOL 41 Bbl. WATER gal/sk 8.0 CEMENT LEFT in CASING 11'
 DISPLACEMENT 18 1/2 Bbls. DISPLACEMENT PSI 500 MIX PSI 900 Loaded Plug RATE 4BPM - 2BPM

REMARKS: Safety Meeting: Rig up to 4 1/2" casing. Break circulation with 20 Bbls water. Wash casing down to bottom. Pumped 70 Bbls water (well head 70' of F-11). Rig up cement head. Pumped 10 Bbls water ahead 10 Bbl ProSlush (Metasilicate) 10 Bbl Drywater. Mixed 130 SKs. Thick set cement w/ 10" P-4/SK of KOI-SEAL @ 13.2 lb. P-4/GAL. Shutdown - wash out pump & lines - Release Plug - Displace Plug with 18 1/2 Bbls water. Final pumping - 500 PSI. Pumped Plug to 900 PSI - wait 2 minutes - Release Pressure. Float Held - Close casing w/ 0 PSI - Good cement returns to surface w/ 8 Bbl. Slurry. Job complete - Tear down.

"Thank you"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	765.00	765.00
5406	25	MILEAGE	2.50	62.50
1126 A	130 SKs.	Thick Set cement	13.00	1690.00
1110 A	26 SKs.	KOI-SEAL 10" P-4/SK	16.90	439.40
1111 A	50 lbs.	Metasilicate ProSlush	1.55 lb.	77.50
5407 A	7.15 Tons	25 miles - Bulk Truck	.92	164.45
5502 C	4 Hrs.	80 Bbl. VAC Truck	82.00	328.00
5501 C	4 Hrs.	Transport	88.00	352.00
1123	6000 GAL	City water	12.20	73.20
5605 A	4 Hrs.	Welder	75.00	300.00
4311	1	4 1/2" Weldon Collar	48.00	48.00
4404	1	4 1/2" Top Rubber Plug	38.00	38.00
			SALES TAX	125.40
			ESTIMATED TOTAL	4463.45

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 CONSERVATION DIVISION
 WICHITA, KS

AUTHORIZATION Called by John Fed TITLE _____ DATE _____

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GEOLOGIC REPORT

**ORIGINAL
KCC**

SEP 12 2005

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**LAYNE ENERGY
Rash 12-24
NW ¼, SW ¼, 1,683' FSL, 825' FWL
Section 24-T31S-R16E
MONTGOMERY COUNTY, KANSAS**

Drilled: May 27-31, 2005
Logged: June 1, 2005
A.P.I.# 15-125-30741
Ground Elevation: 847'
Depth Driller: 1,180'
Depth Logger: 1,179'
Surface Casing: 8 5/8" @ 20'
Production Casing: 4 1/2" @ 1,173'
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 (Dewey Limestone)
Lenapah Lime.....	347
Altamont Lime.....	386
Weiser Sand.....	448
Pawnee Lime.....	541
Anna Shale.....	564
First Oswego Lime.....	628
Little Osage Shale.....	666
Excello Shale.....	691
Mulky Coal.....	695
Iron Post Coal.....	721
"V" Shale.....	744
Croweburg Coal.....	746
Fleming Coal.....	755
Mineral Coal.....	786
Tebo Coal.....	856
Weir Pitt Coal.....	907
AW Coal.....	1,019
BW Coal.....	1,029
Riverton Coal.....	1,073
Mississippian.....	1,088

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