

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 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. _____

<u>2/7/2006</u>	<u>2/8/2006</u>	<u>5/1/2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-26312-00-00
County: Wilson
NW SE NW SE Sec. 22 Twp. 30 S. R. 16 East West
1800 feet from N (circle one) Line of Section
1800 feet from W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW
Lease Name: Hare Well #: 10-22

Field Name: Neodesha
Producing Formation: Cherokee Coals

Elevation: Ground: 822' Kelly Bushing: _____
Total Depth: 903' Plug Back Total Depth: 902.2'
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 902'
feet depth to Surface w/ 95 _____ sx cmt.

112-56-11/3/08
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: 5/26/06

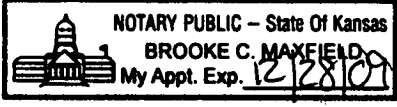
Subscribed and sworn to before me this 26 day of May

Notary Public: Brooke C. Maxfield

Date Commission Expires: 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: Hare Well #: 10-22
 Sec. 22 Twp. 30 S. R. 16 East West County: Wilson

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>496 GL</td> <td>326</td> </tr> <tr> <td>Excello Shale</td> <td>622 GL</td> <td>200</td> </tr> <tr> <td>V Shale</td> <td>682 GL</td> <td>140</td> </tr> <tr> <td>Mineral Coal</td> <td>719 GL</td> <td>103</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	496 GL	326	Excello Shale	622 GL	200	V Shale	682 GL	140	Mineral Coal	719 GL	103
Name	Top	Datum														
Pawnee Lime	496 GL	326														
Excello Shale	622 GL	200														
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Mineral Coal	719 GL	103														

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	# Sacjs Used	Type and Percent Additives
Surface	11	8.65	24	20'	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	902'	Thick Set	95	

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		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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

RECEIVED
 KANSAS CORPORATION COMMISSION
 MAY 30 2006
 CONSERVATION DIVISION
 WICHITA, KS

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 30 2006

CONSERVATION DIVISION
WICHITA, KS

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Hare 10-22		
	Sec. 22 Twp. 30S Rng. 16E, Wilson County		
API:	15-205-26312		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	868-872	Bartlesville Sand-500 gal acid, 75 bbls wtr	868-872

MAY 30 2006

CONSERVATION DIVISION
WICHITA, KS

GEOLOGIC REPORT

LAYNE ENERGY
Hare 10-22
NW SE, 1800 FSL, 1800 FEL
Section 22-T30S-R16E
Wilson County, KS

Spud Date:	2/7/2006
Drilling Completed:	2/8/2006
Logged:	2/8/2006
A.P.I. #:	15-205-26312
Ground Elevation:	822'
Depth Driller:	903'
Depth Logger:	906'
Surface Casing:	8.625 inches at 20'
Production Casing:	4.5 inches at 902.2'
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 (Chanute Shale)
496
622
682
719

MAY 30 2006

CONSERVATION DIVISION
WICHITA, KS

MORNING COMPLETION REPORT

Report Called in by: : John Ed _____

Report taken by: KRD _____

LEASE NAME & #		AFE#	DATE	DAYS	CIBP	PBTD
HARE 10-22		C01027200100	2/7/2006	1	DEPTH	TYPE FLUID
PRESENT OPERATION:					TYPE	
					WT	
DRILL OUT FROM UNDER SURFACE						VIS
DEEPEST CASING	LINERS OD TOP & SHOE DEPTH	REPAIR DOWN TIME HRS		CONTRACTOR MO		
OD SHOE DEPTH	8 5/8" 24# J-55 — Set 20'			RIG NO BILLY		
		TEST PERFS		SQUEEZED OR PLUG BACK PERFS		
PACKER OR ANCHOR	FISHING TOOLS OD ID	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 DN THE BACKSIDE, SDFN.					

DAILY COST ANALYSIS

RIG	_____
SUPERVISION	_____ 200 _____
RENTALS	_____
SERVICES	_____ 400 _____
MISC	_____ 2280 _____

DETAILS OF RENTALS, SERVICES, & MISC	
MC DRILLING @ 6.50/ft	
MC (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.
P.O. BOX 884, CHANUTE, KS 66720
620-431-9210 OR 800-467-8676

MAY 30 2006

TICKET NUMBER 08304

LOCATION EUREKA

FOREMAN Kevin McCoy

CONSERVATION DIVISION
TREATMENT REPORT FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-9-06	4758	HARE 10-22				WILSON

CUSTOMER
Layne Energy

MAILING ADDRESS
P.O. Box 160

CITY
Sycamore

STATE
Ks

ZIP CODE

Gus
Jones
Rig 2

TRUCK #	DRIVER	TRUCK #	DRIVER
445	Rick L.		
439	Justin		
452 763	Jim		

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 903' CASING SIZE & WEIGHT 4 1/2 10.5" new

CASING DEPTH 902' DRILL PIPE _____ TUBING _____ OTHER _____

SLURRY WEIGHT 13.4* SLURRY VOL 29 BBL WATER gal/sk 8.0 CEMENT LEFT in CASING 0'

DISPLACEMENT 14.3 BBL DISPLACEMENT PSI 400 PSI 900 Bump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 8 5/8 casing. Pump 50 BBL SALT water from Pit down open hole to kill well. wait for Gus Jones to Run casing. Rig up to 4 1/2 casing. BREAK circulation w/ 20 BBL fresh water. Pump 4 sks Gel Flush, 5 BBL water spacer, 10 BBL Metasilicate Pre Flush, 8 BBL Dye water. Mixed 95 sks Thick Set Cement w/ 10* Kol-Seal per/sk @ 13.4* per/gal, yield 1.75. wash out Pump & Lines. Release Plug. Displace w/ 14.3 BBL fresh water. FINAL Pumping Pressure 400 psi. Bump Plug to 900 psi. wait 2 minutes. Release Pressure. float Held. Good Cement Returns to surface = 7 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 1 well of 2	3.15	126.00
1126 A	95 sks	Thick Set Cement	13.65	1296.75
1110 A	19 sks	Kol-Seal 10* per/sk	17.75	337.25
1118 A	4 sks	Gel Flush	7.00	28.00
1111 A	50 *	Metasilicate Pre Flush	1.65*	82.50
5407 A	5.22 TONS	40 miles BULK TRUCK	1.05	219.24
5501 C	3 HRS	water TRANSPORT	98.00	294.00
1123	5000 GALS	City water	12.80 ^{per 1000}	64.00
4404	1	4 1/2 Top Rubber Plug	40.00	40.00
5605 A	4 HRS	Welding	78.00	312.00
			Sub Total	3599.74
		Thank you	6.3%	SALES TAX
				ESTIMATED TOTAL
				3716.20

AUTHORIZATION Called By John Ed

TITLE _____

DATE _____

802996