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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

11/3/08

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: Timothy H. Wright
Phone: (913) 748-3960
Contractor: Name: Thornton Air Rotary
License: 33606
Wellsite Geologist: _____

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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>8/4/2008</u>	<u>8/6/2008</u>	<u>10/8/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31609-00-00
County: Montgomery
 NW SE NW Sec. 20 Twp. 32 S. R. 14 East West
1709 feet from S / (circle one) Line of Section
1713 feet from E / (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE SW NW
Lease Name: Fowler Well #: 6-20
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 888' Kelly Bushing: _____
Total Depth: 1512' Plug Back Total Depth: 1510'
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 1510
feet depth to Surface w/ 210 sx cmt.

Drilling Fluid Management Plan Att # NJ 1-1409
(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: [Signature]
Title: Project Engineer Date: 11-3-08
Subscribed and sworn to before me this 3 day of November,
20 08.
Notary Public: MacLaughlin Darling
Date Commission Expires: 1-4-2009

KCC Office Use ONLY
 Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
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MacLAUGHLIN DARLING
Notary Public - State of Kansas
My Appt. Expires 1-4-2009

CONSERVATION DIVISION
WICHITA, KS

Daily Well Work Report

FOWLER 6-20
8/4/2008

Well Location:
MONTGOMERY KS
32S-14E-20 NW SE NW
1709FNL / 1713FWL

Cost Center G01050800100
Lease Number G010508
Property Code KSSY32S14E2006
API Number 15-125-31609

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
8/4/2008	8/6/2008	10/8/2008	10/10/2008	10/10/2008	FOWLER_6_20

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1512	1510	40	1510	0	0

Reported By KRD	Rig Number	Date 8/4/2008
Taken By KRD		Down Time
Present Operation DRILL OUT SURFACE		Contractor THORNTON DRILLING

Narrative

MIRU THORNTON DRILLING, DRILLED 11" HOLE, 40' DEEP, RIH W/2 JT 8 5/8" SURFACE CASING, MIXED 8 SX TYPE 1 CEMENT, DUMPED DOWN THE BACKSIDE. SDFN.
DWC:\$3160

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WICHITA, KS



CONSOLIDATED
Oil Well Services, LLC



ENTERED

TICKET NUMBER 18963

LOCATION EUREKA

FOREMAN Kevin McCoy

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-6-08	4758	Fowler 6-20				ME
CUSTOMER <u>Layne Energy</u>			TRUCK #			
MAILING ADDRESS <u>P.O. Box 160</u>			DRIVER			
CITY <u>Sycamore</u>			TRUCK #			
STATE <u>Ks</u>			DRIVER			
ZIP CODE						

Gus Jones
Rig 1

JOB TYPE <u>Longstring</u>	HOLE SIZE <u>6 3/4</u>	HOLE DEPTH <u>1512'</u>	CASING SIZE & WEIGHT <u>4 1/2 10.5" new</u>
CASING DEPTH <u>1510</u>	DRILL PIPE	TUBING	OTHER
SLURRY WEIGHT <u>13.9*</u>	SLURRY VOL <u>52 BBL</u>	WATER gal/sk <u>6'</u>	CEMENT LEFT in CASING <u>0'</u>
DISPLACEMENT <u>24.5 BBL</u>	DISPLACEMENT PSI <u>1000</u>	PSI <u>1400 Bump Plug</u>	RATE

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. Break Circulation w/ 50 BBL fresh water. Pump 6 sks Gel flush w/ Halls 5 BBL water spacer. Mixed 210 sks 50/50 Pozmix Cement w/ 2% CACL2, 2% Gel, 4* Kol-Seal, 3* CAL-SEAL, 1/8* Pheno Seal, 1/2% CFL-110, 1/4% CAF-38 @ 13.9*/gal, yield 1-40. wash out Pump & Lines. shut down. Release Plug. Displace w/ 24. BBL fresh water. FINAL Pumping Pressure 1000 psi. Bump Plug to 1400 psi. wait 2 minutes. Release Pressure. Float Held. Good Cement Returns to Surface = 5 BBL Slurry (20%) to Pt. 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	925.00	925.00
5406	40	MILEAGE	3.65	146.00
1124	210 sks	50/50 Pozmix Cement	9.75	2047.50
1102	350 *	CACL2 2%	.75 *	262.50
1118A	350 *	Gel 2%	.17 *	59.50
1110 A	840 *	Kol-Seal 4*/sk	.42 *	352.80
1101	630 *	CAL-SEAL 3*/sk	.36 *	226.80
1107 A	26 *	Pheno Seal 1/8*/sk	1.15 *	29.90
1135	105 *	CFL-110 1/2%	7.50 *	787.50
1146	53 *	CAF-38 1/4%	7.70	408.10
1118 A	300 *	Gel Flush	.17 *	51.00
1105	50 *	Halls	.39 *	19.50
5407 A	8.82 Tons	40 miles Bulk Truck	1.20	423.86
4404	1	4 1/2 Top Rubber Plug	45.00	45.00
5605 A	4 Hrs	welder	85.00	340.00
4311	1	4 1/2 weld on collar	60.00	60.00
			Sub Total	6184.46
			SALES TAX	230.55
			ESTIMATED TOTAL	6415.01

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WICHITA, KS

Thank You

5.3%

204443

Revin 3737

AUTHORIZATION witnessed By Jacob

TITLE Layne Co. Rep.

DATE _____

GEOLOGIC REPORT

LAYNE ENERGY
Fowler 6-20
SE NW, 1709 FNL, 1713 FWL
Section 20-T32S-R14E
Montgomery County, KS

Spud Date: 8/4/2008
Drilling Completed: 8/6/2008
Logged: 8/4/2008
A.P.I. #: 15125316090000
Ground Elevation: 888'
Depth Driller: 1512'
Depth Logger: 1512'
Surface Casing: 8.625 inches at 40'
Production Casing: 4.5 inches at 1510'
Cemented Job: 0
Open Hole Logs: Dual Induction SFL/GR, Litho Density /
Neutron Logs

Formation

	Tops	
	(below ground)	(subsea)
	Surface (Weston	
Douglas Group	Shale Member)	888
Pawnee Limestone	951	-63
Excello Shale	1,100	-212
"V" Shale	1,144	-256
Mineral Coal	1,190	-302
Mississippian	1,460	-572

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Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Fowler 6-20		
	Sec. 20 Twp. 32S Rng. 14E, Montgomery County		
API:	15-125-31609-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations (October 2008)			
4	Mineral 1189.5' - 1191'	2400 lbs 20/40 sand 210 bbls water 100 gals 15% HCl acid	1189.5' - 1191'
4	Croweburg 1145' - 1147.5' Bevier 1123.5' - 1125'	5600 lbs 20/40 sand 407 bbls water 400 gals 15% HCl acid	1123.5' - 1147.5'
4	Mulky 1100.5' - 1105'	6100 lbs 20/40 sand 2914 bbls water 300 gals 15% HCl acid	1100.5' - 1105'
4	Summit 1074.5' - 1076.5'	3000 lbs 20/40 sand 266 bbls water 400 gals 15% HCl acid	1074.5' - 1076.5'

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WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Fowler Well #: 6-20
 Sec. 20 Twp. 32 S. R. 14 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:

Compensated Density Neutron
 Dual Induction

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Pawnee Lime	951 GL	-63
Excello Shale	1100 GL	-212
V-Shale	1144 GL	-256
Mineral Coal	1190 GL	-302
Mississippian	1460 GL	-572

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"	8.625"	24	40'	Class A	8	Type 1 cement
Casing	6.75"	4.5"	10.5	1510'	Thick Set	210	50/50 posmix w/2% gel

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				

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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 Page		

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TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	1340'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
10/10/2008	<input type="checkbox"/> Flowing <input checked="" 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
	0	50	0		

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