

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

6/28/12

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) 748-3960
 Contractor: Name: Thornton Air Rotary
 License: 33606
 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. _____
 5/18/2010 5/20/2010 6-4-10
 Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 205-27840-00-00
 County: Wilson
NE NW SW SW Sec. 35 Twp. 30 S. R. 14 East West
1093 feet from S N (circle one) Line of Section
347 feet from E W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Decker Well #: 13C-35
 Field Name: Cherokee Basin Coal Area
 Producing Formation: Cherokee Coals
 Elevation: Ground: 916' Kelly Bushing: _____
 Total Depth: 1287' Plug Back Total Depth: _____
 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 _____
 feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan DAW 0-7-10
 (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: Manager of Engineering Date: June 23, 2010
 Subscribed and sworn to before me this 23 day of June
2010
 Notary Public: MacLaughlin Darling
 Date Commission Expires: 1-4-2013

KCC Office Use ONLY
 Letter of Confidentiality Attached 6-28-10
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received

MACLAUGHLIN DARLING
 Notary Public - State of Kansas
 My Appt. Expires 1-4-2013

Operator Name: Layne Energy Operating, LLC Lease Name: Decker Well #: 13C-35
 Sec. 35 Twp. 30 S. R. 14 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input checked="" type="checkbox"/> Yes <input 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 Name Top Datum See Attached Driller's Log
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JUN 29 2010
CONSERVATION DIVISION
WICHITA, KS

KCC
JUN 28 2010
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WICHITA, KS 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	# Sacs Used	Type and Percent Additives
Surface	11"	8.625"	24	40'	Class A	116	Type 1 cement

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		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 Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) Plugged 6/4/2010

Production Interval _____

Air Drilling Specialist
Oil & Gas Wells

THORNTON AIR ROTARY, LLC
Office Phone: 620-879-2073

PO Box 449
Caney, KS 67333

Date Started	5/18/2010
Date Completed	5/20/2010

Well No.	Operator	Lease	A.P.I.#	County	State
13C-35	Lays Energy Operating	Decker	15-205-27840	Wilson	Kansas

1/4	1/4	1/4	Sec.	Twp.	Rge.
			35	30	14E

Driller	Type/Well	Cement Used	Casing Used	Depth	Size of Hole
Sean	Oil	8	41' 8 5/8	1287	6 3/4

Formation Record

0-2	DIRT	890-891	COAL (MULBERRY)	1221-1231	SAND
2-18	CLAY	891-917	LIME (PAWNEE)	1231-1236	SHALE
18-85	LIME	917-921	BLACK SHALE	1236-1237	COAL
85-180	SHALE	921-923	LIME	1237-1256	SHALE
180-185	LIME	923-929	BLACK SHALE	1256-1287	SANDY SHALE
185-198	LMY SHALE	929-947	SHALE	1287	TD
198-240	LIME	937	GAS TEST-SLIGHT BLOW		
240-302	SHALE	947-963	SAND		
302-308	SANDY SHALE	963-975	SANDY SHALE		
308-441	SAND (WET)	975-999	LIME (OSWEGO)		
361	WENT TO WATER	999-1009	BLK SHALE (SUMMIT)		
441-453	SHALE	1009-1018	LIME		KCC
453-475	LIME	1012	GAS TEST - SAME		JUN 28 2010
475-482	LMY SHALE	1018-1022	BLK SHALE (EXCELLO)		CONFIDENTIAL
482-547	LIME	1022-1023	COAL (MULKEY)		
547-552	BLACK SHALE	1023-1029	LIME		
552-555	SHALE	1029-1069	SHALE		
555-575	LIME	1037	GAS TEST - SAME		
575-593	SAND	1069-1070	COAL		
593-623	LIME	1070-1086	SHALE		
623-629	SHALE	1086-1088	LIME (VERDIGRIS)		
629-663	LIME	1088-1091	SHALE		
663-716	SHALE	1091-1092	COAL (CROWBERG)		
716-733	LIME	1092-1098	SAND		
733-759	SHALE	1098-1131	SANDY SHALE		
759-781	LIME	1112	GAS TEST - SAME		
781-791	SAND	1131-1132	COAL		
791-800	SANDY SHALE	1132-1191	SHALE		
800-888	SHALE	1191-1211	CORE		
888-890	LIME	1211-1221	SHALE		

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JUN 29 2010

CONSERVATION DIVISION
WICHITA, KS



CONSOLIDATED
Oil Well Services, LLC

ENTERED

TICKET NUMBER 28830

LOCATION Eurols

FOREMAN Thy Able

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
6-4-10	4458	Decker 13C-35				Milton
CUSTOMER <u>Layne Energy</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>P.O. Box 160</u>			<u>520</u>	<u>Cliff</u>		
CITY <u>Sycamore</u>			<u>543</u>	<u>Dave</u>		
STATE <u>KS</u>		ZIP CODE				

JOB TYPE P.T.A. No 0 HOLE SIZE 6 1/4" HOLE DEPTH 1287 CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING 2 1/2" OTHER _____
 SLURRY WEIGHT 5" SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting! Followed plugging order

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150k (50') @ 1260'
150k (50') @ 511'
500k (200') @ 250' to surface
800k Total

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE	900.00	900.00
5406	40	MILEAGE	3.55	142.00
1131	800k	60/40 Poz mix	11.00	880.00
1118A	275#	4% Gel	.17	46.75
1118A	500#	Gel spacers	.17	85.00
5407		Ton - mileage	m/c	305.00
		Thanks	sub total	2358.75
			SALES TAX	53.62
			ESTIMATED TOTAL	2412.37

RAVIN 3737

AUTHORIZATION Frank Mulla TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.