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**ORIGINAL**

JUL 07 2010

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

7/6/12

**KCC WICHITA**

**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: Victor H. Dyal

Phone: (913) 748-3960

Contractor: Name: Thornton Air Rotary

License: 33606

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. \_\_\_\_\_

3/19/2010	3/23/2010	4/15/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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**JUL 06 2010**  
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API No. 15 - 125-31946-00-00

County: Montgomery

   NW    SW    NE Sec. 30 Twp. 32 S. R. 14  East  West

1692 feet from S / **(N)** (circle one) Line of Section

2278 feet from **(E)** W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE **(SE)** NW SW

Lease Name: Simmons Well #: 7-30

Field Name: Cherokee Basin Coal Area

Producing Formation: Cherokee Coals

Elevation: Ground: 841' Kelly Bushing: \_\_\_\_\_

Total Depth: 1463' Plug Back Total Depth: 1432'

Amount of Surface Pipe Set and Cemented at 32 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 1432 feet depth to Surface w/ 150 sx cmt.

**Drilling Fluid Management Plan** *AHII DG 7870*  
(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: *Victor H. Dyal*

Title: Manager of Engineering Date: July 6, 2010

Subscribed and sworn to before me this 6 day of July, 2010.

Notary Public: *MacLaughlin Darling*

Date Commission Expires: 1-4-2013

**KCC Office Use ONLY**

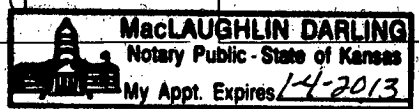
Letter of Confidentiality Attached 7/6/10 - 7/6/12

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution



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Side Two

Operator Name: Layne Energy Operating, LLC Lease Name: Simmons **KCC WICHITA** well #: 7-30  
 Sec. 30 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Driller's Log	
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:			
Compensated Density Neutron Dual Induction			

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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	32'	Class A	6	Type 1 cement
Production	6.75"	4.5"	10.5	1432'	Thick Set	150	

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
	See Attached Page		

TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>1221'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>4/19/2010</u>	Producing Method <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. <u>0</u>	Gas Mcf <u>50</u>	Water Bbls. <u>0</u>	Gas-Oil Ratio <u></u> Gravity <u></u>

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
*(If vented, Submit ACO-18.)*  Other (Specify) \_\_\_\_\_

# Layne Energy Operating, LLC #33365



SIMMONS 7-30

NW SW NE 30 - 32S - 14E MONTGOMERY COUNTY, KANSAS

15-125-31946-00-00

<i>Stage #</i>	<i>Perforation Record</i>	<i>Acid, Fracture, Shot, Cement Squeeze Record</i>
Stage 1 4/13/2010	<u>Mineral 1150' - 1152'</u>	2400 Sand (20/40) (lbs)
Stage 1 4/13/2010		205 KCl (1%) + Biocide (bbls)
Stage 1 4/13/2010		300 HCl (15%) (gal)
Stage 2 4/13/2010	<u>Croweburg 1104' - 1107'</u>	3600 Sand (20/40) (lbs)
Stage 2 4/13/2010		300 HCl (15%) (gal)
Stage 2 4/13/2010		258 KCl (1%) + Biocide (bbls)
Stage 3 4/13/2010	<u>Excello Shale 1059' - 1063.5'</u>	4500 Sand (20/40) (lbs)
Stage 3 4/13/2010		300 HCl (15%) (gal)
Stage 3 4/13/2010		284 KCl (1%) + Biocide (bbls)

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KCC WICHITA

Air Drilling Specialist  
Oil & Gas Wells

**THORNTON AIR ROTARY, LLC**

Office Phone: 620-879-2073

PO Box 449  
Caney, KS 67333

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Date Started	3/19/2010
Date Completed	3/23/2010

Well No.	Operator	Lease	A.P.I #	County	State
7-3	Layne Energy Operating, LLC	Simmons	125-31946	Montgomery	Kansas

1/4	1/4	1/4	Sec.	Twp.	Rge.
			30	32	14

Driller	Type/Well	Cement Used	Casing Used	Depth	Size of Hole
Billy	Gas	4	31FT 8 5/8	1464	6 3/4

**Formation Record**

0-6	Dirt	760-772	Shale	1112	Gas Test/Same
6-24	Clay	772-784	Lime	1154-1156	Coal
24-58	Shale	784-798	Shale	1156-1170	Sandy Shale
58-67	Lime	798-803	Lime	1162	Gas Test/Same
67-133	Shale	803-807	Shale	1170-1172	Lime
133-139	Lime	807-817	Sand (Wet)	1172-1176	Shale
139-151	Shale	817-821	Light Oil Odor	1176-1180	Sand
151-200	Sand (Damp)	821-846	Sand	1180-1188	Sandy Shale
200-334	Shale	846-850	Oil Odor	1188-1198	Shale
334-340	Lime (Wet)	850-868	Sand	1198-1205	Sand
340-360	Sand	862	Gas Test 2# 1/4 - 12.7 MCF	1205-1233	Shale
361	Went to Water	868-897	Sandy Shale	1233-1240	Red Shale
360-421	Sandy Shale	897-916	Shale	1240-1248	Shale
421-430	Sand	916-936	Lime (Pawnee)	1248-1254	Sand
430-441	Shale	936-944	Blk Shale (Lexington)	1254-1296	Shale
441-447	Lime	944-963	Sand	1296-1299	Lime
447-452	Shale	962	Gas Test/Same	1299-1335	Shale
452-464	Lime	963-1006	Shale	1335-1341	Red Shale
464-468	Shale	1006-1035	Lime (Oswego)	1341-1342	Coal
468-528	Lime	1035-1043	Blk Shale (Summit)	1342-1377	Shale
528-532	Sandy Shale	1037	Gas Test/Same	1377-1378	Coal
532-546	Sand	1043-1060	Lime	1384	Gas Test/Same
546-547	Coal	1060-1066	Shale (Mulkey)	1378-1428	Shale
547-600	Sandy Shale	1066-1067	Coal	1428-1464	Miss. Chatt (Miss)
600-621	Shale	1067-1077	Lime	1464	Gas Test/Same
621-624	Lime	1077-1106	Shale	1464	TD
624-715	Shale	1087	Gas Test/Same		
715-729	Lime	1106-1108	Lime		
729-746	Sand	1108-1109	Coal (Crowberg)		
746-760	Sandy Shale	1109-1154	Shale		

# Daily Well Work Report

SIMMONS 7-30

3/19/2010

KCC

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**Well Location:**  
MONTGOMERY KS  
32S-14E-30 NW SW NE  
1692FNL / 2278FEL

**Cost Center** G01077600100  
**Lease Number** G010776  
**Property Code** KSSY32S14E3007  
**API Number** 15-125-31946

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
3/19/2010	3/23/2010	4/15/2010	4/19/2010	4/16/2010	SIMMONS_7_30
TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1463	1432	32	1432	0	0

**Reported By** JACOB      **Rig Number**      **Date** 3/19/2010  
**Taken By** KLK      **Down Time**  
**Present Operation** DRILL OUT FROM UNDER SURFACE      **Contractor** HORTON DRILLING

## Narrative

MIRU THORNTON DRILLING, DRILLED 11" HOLE, 32' DEEP, RIH W/1 JT 8 5/8" SURFACE CASING, MIXED 6 SX TYPE 1 CEMENT, DUMPED DOWN THE BACKSIDE. SDFN.

DWC:\$3200

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KCC WICHITA



**CONSOLIDATED**  
Oil Well Services, LLC



**ENTERED**

TICKET NUMBER 24067

LOCATION EUREKA

FOREMAN Rex Leiford

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
3-24-10	4258	Simmons 7-30	30	32	14E	MG
CUSTOMER			TRUCK #			
Layne Energy			463	Shannon	KCC	
MAILING ADDRESS			543	Dave		
P.O. Box 100			437	Jim	JUL 06 2010	
CITY	STATE	ZIP CODE	CONFIDENTIAL			
Sycamore	KS					

JOB TYPE Logging HOLE SIZE 6 3/4" HOLE DEPTH 1463' CASING SIZE & WEIGHT 4 1/2" 10.5"  
 CASING DEPTH 1432' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.9° SLURRY VOL 25 GW WATER gal/sk 8.0 CEMENT LEFT in CASING 0'  
 DISPLACEMENT 22 3/4 bbl DISPLACEMENT PSI 600 ~~800~~ PSI 1000 RATE \_\_\_\_\_

REMARKS: Safety meeting. Rig up to 4 1/2" casing. Break circulation w/ 30 bbl fresh water. Pump 10 sacks gel-flush w/ hulls, 5 bbl water spacer, 10 bbl caustic soda pre-flush, 13 bbl dye water. Mixed 150 sacks thickset cement w/ 8" Kol-seal 1/2" phenoseal, 1/2 70 CAF-110 + 1/4 30 CAF-39 @ 13.1°/100. Washout pump & lines, shut down. release 4 1/2" rubber plug. Displace w/ 22 3/4 bbl fresh water. Final pump pressure 600 PSI. Bump plug to 100 PSI. wait 2 minutes, release pressure, float held. Good cement returns to surface = 7 bbl slurry to pit. Job complete. Rig down.

"Thank You"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	900.00	900.00
5406	40	MILEAGE	2.55	102.00
		JUL 07 2010		
1126A	150 sacks	thickset cement	11.50	2475.00
110A	1200°	8" Kol-seal <sup>MM</sup> /sk	.40	480.00
1107A	19°	1/2" phenoseal <sup>MM</sup> /sk	1.12	21.28
1125	75°	1/2 70 CAF-110	7.26	544.50
1146	38°	1/4 30 CAF-39	7.50	285.00
1118A	500°	gel-flush	.17	85.00
1105	50°	hulls	.38	19.00
1103	100°	caustic soda	1.40	140.00
5407A	8.25	ten mileage bulk tax	1.20	396.00
6502C	4 hrs	80 bbl WAC. TRK	96.00	384.00
1123	3000 gals	city water	14.50/1000	43.50
4404	1	4 1/2" top rubber plug	44.00	44.00
			Subtotal	5959.28
			SALES TAX	219.30
			ESTIMATED TOTAL	6178.58

Ravin 3737

233431

AUTHORIZATION Witnessed by Jacob

TITLE Co. Mgr.

DATE \_\_\_\_\_