KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1106816

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32085
Name: Thomas, Vernon C.
Address 1: 17685 EDGERTON RD
Address 2:
City: EDGERTON State: KS Zip: 66021 + 9704
Contact Person: Vernon Thomas
Phone: (913) 893-6544
CONTRACTOR: License # 33715
Name: Town Oilfield Service
Wellsite Geologist: NA
Purchaser:

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [x] Oil
- [ ] WSW
- [ ] SWD
- [ ] SIOW
- [ ] Gas
- [ ] D&A
- [ ] ENHR
- [ ] SIGW
- [ ] OG
- [ ] GSW
- [ ] Temp. Abd.
- [ ] CM *(Coal Bed Methane)*
- [ ] Cathodic
- [ ] Other *(Core, Expl., 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
- [ ] Conv. to SWD
- [ ] Conv. to GSW
- [ ] Plug Back: Plug Back Total Depth
- [ ] Commingled Permit #:
- [ ] Dual Completion Permit #:
- [ ] SWD Permit #:
- [ ] ENHR Permit #:
- [ ] GSW Permit #:

12/4/2012	12/5/2012	12/7/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-091-24033-00-00
Spot Description:
SE - SW - SE - SW Sec. 30 Twp. 14 S. R. 22 [x] East [ ] West
180 Feet from [ ] North / [x] South Line of Section
3600 Feet from [x] East / [ ] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [ ] NW [x] SE [ ] SW
County: Johnson
Lease Name: Thomas Well #: 6
Field Name: Longanecker
Producing Formation: Bartlesville
Elevation: Ground: 1060 Kelly Bushing: 0
Total Depth: 959 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 20 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from:
feet depth to: 87 w/ 35 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 1500 ppm Fluid volume: 80 bbls
Dewatering method used: Evaporated
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. [ ] East [ ] West
County: Permit #:

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

- [ ] **Letter of Confidentiality Received**
  Date:
- [ ] **Confidential Release Date:**
- [x] **Wireline Log Received**
- [ ] **Geologist Report Received**
- [ ] **UIC Distribution**

ALT [x] **I** [ ] **II** [ ] **III** **Approved by:** Deanna Garrison **Date:** 01/11/2013

Side Two

[redacted]

1106816

Operator Name: Thomas, Vernon C. Lease Name: Thomas Well #: 6

Sec. 30 Twp. 14 S. R. 22 ☑ East ☐ West County: Johnson

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 complete copy of all Electric Wire-line 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
Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

GammaRay/Neutron/CCL

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
GammaRay		

CASING RECORD ☑ 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	9	7	10	87	Portland	35	50/50 POZ
Completion	5.6250	2.8750	8	887	Portland	135	50/50 POZ

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 *(Amount and Kind of Material Used)*	Depth
3	854.0-858.0	2" DML RTG	4

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ 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. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Johnson County, KS
Well: Thomas 6
Lease Owner: Vernon Thomas

Town Oilfield Service, Inc.
(913) 837-8400

Commenced Spudding:
12/4/2012

WELL LOG

Thickness of Strata	Formation	Total Depth
10	Soil-Clay	10
61	Sandstone	71
2	Lime	73
19	Shale	92
7	Lime	99
6	Shale	100
2	Lime	107
4	Shale	111
15	Lime	126
7	Shale	133
9	Lime	142
7	Shale	149
20	Lime	169
20	Shale	189
24	Lime	213
21	Shale	234
9	Lime	243
20	Shale	263
20	Lime	283
14	Shale	297
10	Lime	307
15	Shale	322
7	Lime	329
7	Shale	336
7	Lime	343
26	Shale	369
1	Lime	370
11	Shale	381
26	Lime	407
10	Shale	417
20	Lime	437
6	Shale	443
4	Lime	447
3	Shale	450
7	Lime	457
5	Shale	462
6	Sand	468
5	Sandy Shale	473
10	Shale	483
5	Sandy Shale	488

Johnson County, KS
Well: Thomas 6
Lease Owner: Vernon Thomas

Town Oilfield Service, Inc.
(913) 837-8400

Commenced Spudding:
12/4/2012

4	Sand	492
18	Sandy Shale	510
58	Shale	528
8	Sand	576
3	Sandy Shale	579
51	Shale	630
5	Lime	635
3	Shale	638
1	Lime	639
9	Shale	648
8	Lime	656
3	Sand	659
2	Sandy Shale	661
10	Shale	671
3	Lime	674
14	Shale	688
4	Lime	692
25	Shale	717
2	Lime	719
9	Shale	728
6	Sand	734
3	Sandy Shale	737
56	Shale	793
5	Broken Sand	798
4	Sandy Shale	802
17	Shale	819
3	Lime	822
12	Shale	834
3	Sand	837
13	Shale	850
4	Sand	854
3	Sand	857
1	Broken Sand	858
8	Shale	866
2	Lime	868
6	Shale	874
3	Sand	877
26	Shale	903
1	Sand	904
13	Shale	917
1	Broken Sand	918
1	Sandy Lime	919
2	Lime	921
7	Shale	928
2	Lime	930
5	Shale	935
8	Sandy Shale	943

Johnson County, KS
Well: Thomas 6
Lease Owner: Vernon Thomas

Town Oilfield Service, Inc.
(913) 837-8400

Commenced Spudding:
12/4/2012

9	Shale	952
1	Lime	953
6	Shale	959-TD

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals D^2x.14xh

D equals diameter in feet.

h equals height in feet.

BARRELS PER DAY

Multiply gals. per minute x 34.2

HP equals BPH x PSI x .0004

BPH - barrels per hour

PSI - pounds square inch

TO FIGURE PUMP DRIVES

* D - Diameter of Pump Sheave
* d - Diameter of Engine Sheave

SPM - Strokes per minute

RPM - Engine Speed

R - Gear Box Ratio

*C - Shaft Center Distance

D - RPMxd over SPMxR

d - SPMxRxD over RPM

SPM - RPMXD over RxD

R - RPMXD over SPMxD

BELT LENGTH - $2C + 1.57(D + d) + \frac{(D-d)^2}{4C}$

* Need these to figure belt length

TO FIGURE AMPS: $\frac{\text{WATTS}}{\text{VOLTS}}$ = AMPS

746 WATTS equal 1 HP

Log Book

Well No. 10

Farm Thomas

KS (State) Johnson (County)

28 (Section) 14 (Township) 22 (Range)

For Vernon C. Thomas (Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Farm: Johnson County

State; Well No. 6

Elevation 1060

Commenced Spuding 12-4 20 12

Finished Drilling 12-5 20 12

Driller's Name Chad Wood

Driller's Name

Driller's Name

Tool Dresser's Name Brandon Stone

Tool Dresser's Name Cole Holcomb

Tool Dresser's Name

Contractor's Name TOS

30 (Section) 14 (Township) 22 (Range)

Distance from S line, 180 ft.

Distance from E line, 3466 ft.

0757 - 07-3-1 Ks

cemented by Consolidated

CASING AND TUBING RECORD

10" Set		10" Pulled	
8" Set	47'	8" Pulled	
6¼" Set		6¼" Pulled	
4" Set		4" Pulled	
2" Set	936 10	2" Pulled	

BUCKEYE SUPPLY PIPE TALLEY

DATE

P.O. NO.

NEW ☐ USED ☐

CHG. NO.

CAR OR TRUCK NO.

ON (R.R. OR TRUCK CO.)

FROM

TO

TALLY OF:

KIND

SIZE IN.

WEIGHT

THREAD

NO.	FEET	IN.	FEET	IN.	FEET	IN.	FEET	IN.	FEET	IN.
1										
2										
3										

Thickness of Strata	Formation	Total Depth	Remarks
10	soil/clay	10	
61	sandstone	71	
2	Lime	73	
19	Shale	92	
7	Lime	99	
6	Shale	105	
2	Lime	107	
4	shale	111	
15	Lime	126	
7	shale	133	
9	Lime	142	
7	shale	149	
20	Lime	169	
20	shale	189	
24	Lime	213	
21	Shale	234	234
9	Lime	243	
20	Shale	263	
20	Lime	283	
14	shale	297	
10	Lime	307	
15	shale	322	
7	Lime	329	
7	shale	336	
7	Lime	343	
26	Shale	369	
1	Lime	370	

370

Thickness of Strata	Formation	Total Depth	Remarks
11	shale	381	
26	lime	407	
10	shale	417	
30	lime	447	
6	shale	453	
4	lime	457	
3	shale	460	
7	lime	467	broken
5	shale	472	
6	sand	478	salt water
5	sand, shale	483	
10	shale	493	
5	sand, shale	498	
4	sand	502	salt water
14	sand, shale	516	
54	shale	570	
4	sand	574	gas & salt water
3	sand, shale	577	
51	shale	628	
5	lime	633	
3	shale	636	
1	lime	637	
9	shale	646	
5	lime	651	
3	sand	654	salt water, very little oil & gas
2	sand, shale	656	
10	shale	666	

671

Thickness of Strata	Formation	Total Depth	Remarks
3	Lime	674	
14	shale	688	
4	Lime	692	
25	shale	717	
2	Lime	719	719
9	shale	728	
6	sand	734	
3	sandy shale	737	
56	shale	793	
5	Brokensand	798	Brown sand, no oil
4	sand, shale	802	
17	shale	819	
3	Lime	822	
12	shale	834	
3	sand	837	
13	shale	850	
4	sand	854	sandy, no oil
3	sand	857	50% oil stain, odor, fills blocks
1	Broken sand	858	50% oil
5	shale	863	
2	Lime	865	
6	shale	874	
3	sand	877	
26	shale	903	
1	sand	904	
13	shale	917	
1	Broken sand	918	2%-5% oil

Thickness of Strata	Formation	Total Depth	Remarks
1	sndy lime	911	20%-5% oil
2	lime	921	no oil
7	shale	928	
2	lime	930	
5	shale	935	
8	sandy-shale	943	
9	shale	952	
1	lime	953	
6	shale	959	TD

CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 38982
LOCATION Ottawa KS
FOREMAN Fred Mader

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
12/4/12		Thomas #6	SW 30	14	22	Jo

CUSTOMER: Vernon Thomas
MAILING ADDRESS: 17685 Edgerton Rd
CITY: Edgerton | STATE: KS | ZIP CODE: 66021

TRUCK #	DRIVER	TRUCK #	DRIVER
506	Fre Mad	Safety	Mtg
495	Har Bec	HB	J
369	Der Mas	DM	
558	Bie Mou	BM	

JOB TYPE Surface | HOLE SIZE 9 1/2 | HOLE DEPTH 90 | CASING SIZE & WEIGHT 7"
CASING DEPTH 87' | DRILL PIPE | TUBING | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING 5' +
DISPLACEMENT 3 BBL | DISPLACEMENT PSI | MIX PSI | RATE 5BPM

REMARKS: Establish circulation thru 7" casing. Mix & Pump 35 sks 50/50 Por Mix Cement 2% Gel. Cement to surface. Displace 7" casing clean w/ 3 BBL Water. Shut in casing.

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5401S	1	PUMP CHARGE Surface Cement	495		825.00
5406	30mi	MILEAGE	495		120.00
5402	87	Casing Footage			NC
5407	Minimum	Ton Miles	558		350.00
5502C	1½ hr	80 Vac	369		135.00
1124	35 sks	50/50 Por Mix Cement			383.25
1118B	59#	Premium Gel			12.39
		12/6/12 SCANNED			
			7.52%	SALES TAX	29.77
				ESTIMATED TOTAL	1855.41

Ravin 3737

AUTHORIZTION Vernon Thomas 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 for

CONSOLIDATED
Oil Well Services, LLC

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

TICKET NUMBER 38986
LOCATION Ottawa KS
FOREMAN Fred Madsen

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12/5/12		Thomas #6	SW 30	14	22	JO

CUSTOMER: Vernon Thomas
MAILING ADDRESS: 17665 Edgerton Rd
CITY: Edgerton | STATE: KS | ZIP CODE: 66021

TRUCK #	DRIVER	TRUCK #	DRIVER
506	Fre Mad	Safety	Mtg
495	Hav Bec	HB	
505/T105	Jas Ric	JR	
503	Brenan	BM	

JOB TYPE Long string | HOLE SIZE 5 7/8 | HOLE DEPTH 920 | CASING SIZE & WEIGHT 2 7/8 EUE
CASING DEPTH 887 | DRILL PIPE | TUBING | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING 2½" Plug
DISPLACEMENT 5.16 BBL | DISPLACEMENT PSI | MIX PSI | RATE 5 BPM

REMARKS: Establish pump rate. Mix & Pump 100# Gel Flush. Mix & Pump 135 sks 50/50 Por Mix Cement 2% Gel. Cement to Surface Flush pump & lines clean. Displace 2½" Rubber plug to casing TD. Pressure to 800# PSI. Release pressure to set Float Valve Shut in Casing.

TOS Drilling

Fred Madsen

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495		1030.00
5406	30mi	MILEAGE	495		120.00
5402	887	Casing Footage			N/C
5407	Minimum	Ton Miles	503		350.00
5501C	1½ hr	Transport	505/T106		168.00
1124	135 sks	50/50 Por Mix Cement			1478.25
1118B	327#	Premium Gel			68.67
4402	1	2½" Rubber Plug			28.00
		7.625%		SALES TAX	118.51
				ESTIMATED TOTAL	3361.43

SCANNED

Paid 12/6/12

Ravin 3737

AUTHORIZTION Vernon Thomas 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.