



KANSAS CORPORATION COMMISSION 1106816
OIL & GAS CONSERVATION DIVISION

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:
 New Well Re-Entry Workover
 Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Corr, 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 #: _____

<u>12/4/2012</u>	<u>12/5/2012</u>	<u>12/7/2012</u>
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 East West
180 Feet from North / South Line of Section
3600 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW 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 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: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Garrison Date: 01/11/2013

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 Log Formation (Top), Depth and Datum Sample
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No Name GammaRay Top Datum
 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

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				

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated

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 Bb/s.	Gas Mcf	Water Bb/s.	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: _____

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
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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 $D^2 \times 14 \times h$

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 - $RPM \times d$ over $SPM \times R$

d - $SPM \times R \times D$ over RPM

SPM - $RPM \times D$ over $R \times d$

R - $RPM \times D$ over $SPM \times d$

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

* Need these to figure belt length

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

746 WATTS equal 1 HP

Log Book

Well No. 6

Farm Thomas

KS Johnson
(State) (County)

10 14 22
(Section) (Township) (Range)

For Vernon C. Thomas
(Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

270

Thickness of Strata	Formation	Total Depth	Remarks
11	shale	381	
26	lime	407	
10	shale	417	
20	lime	437	
6	shale	443	
4	lime	447	
3	shale	450	
7	lime	457	Harder
5	shale	462	
6	sand	468	grey, no oil
5	sandy shale	473	
10	shale	483	
5	sandy shale	488	
4	sand	492	grey, no oil
18	sandy shale	510	
28	shale	538	
8	sand	546	grey, no oil
3	sandy shale	549	
21	shale	570	
5	lime	575	
3	shale	578	
1	lime	579	
9	shale	588	
2	lime	590	
3	sand	593	under, very little oil & bleed
2	sandy shale	595	
10	shale	605	

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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	sand shale	737	
50	shale	787	
5	Broken sand	792	Brown sand, no oil
4	sand shale	796	
17	shale	813	
3	Lime	816	
12	shale	828	
3	sand	831	
13	shale	844	
4	sand	848	gray, no oil
3	sand	851	50% solid oil, some little black
1	Broken sand	852	50% oil
5	shale	857	
2	Lime	859	
6	shale	865	
3	sand	868	
20	shale	888	
1	sand	889	
13	shale	902	
1	Broken sand	903	25% - 50% oil



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 38982
LOCATION Ottawa KS
FOREMAN Fred Madu

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	Je
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Mailing Address			408	Fred Madu	Safety Mtg	
CITY			495	Har Bee	HB	J
STATE			369	Doc Mas	DM	
ZIP CODE			558	Bio Man	BM	
Edgerton						
KS						
66021						

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 300L DISPLACEMENT PSI _____ MIX PSI _____ RATE 53PM

REMARKS: Establish circulation thru 7" casing. Mix & Pump 35 sks
50/50 Poz Mix Cement 200lb. Cement to surface.
Displace @ 7" casing clean w/ 300L water. Shut in
casing.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE Surface Cement	495	525 ⁰⁰
5406	20mi	MILEAGE	495	120 ⁰⁰
5402	87	Casing Footage		NK
5407	Maintenance	Ton Miles	558	350 ⁰⁰
55020	1 1/2 hr	80 Vac	369	135 ⁰⁰
1124	35 sks	50/50 Poz Mix Cement		383 ²⁵
1118B	57 [#]	Premium Gel		12 ³⁹
		12/6/12		
		SCANNED		
		7.52670		

SALES TAX 29.27
ESTIMATED TOTAL 1855.41

AUTHORIZATION Vann Chapp 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

