



KANSAS CORPORATION COMMISSION 1107317
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: Veron 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 SLOW
 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 #:

12/3/2012	12/3/2012	12/4/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-091-24034-00-00

Spot Description:
NW SW SE SW Sec. 30 Twp. 14 S. R. 22 East West
640 Feet from North / South Line of Section
3810 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Johnson

Lease Name: Thomas Well #: 7

Field Name: Longanecker Southeast

Producing Formation: Bartlesville

Elevation: Ground: 1051 Kelly Bushing: 0

Total Depth: 939 Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at: 66 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: Feet

If Alternate II completion, cement circulated from:
feet depth to: 66 w/ 34 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: 01/10/2013

1107317

Operator Name: Thomas, Vernon C. Lease Name: Thomas Well #: 7
 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum open hole
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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	# Sacks Used	Type and Percent Additives
Surface	9	7	10	66	Portland	34	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 <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, Resumed 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: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Johnson County, KS
Well: Thomas 7
Lease Owner: Vernon Thomas

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

Commenced Spudding:
12/3/2012

WELL LOG

Thickness of Strata	Formation	Total Depth
10	Soil-Clay	10
47	Sandstone	57
2	Lime	59
12	Shale	71
6	Lime	77
6	Shale	83
2	Lime	85
6	Shale	91
15	Lime	106
8	Shale	114
8	Lime	122
7	Shale	129
21	Lime	150
17	Shale	167
25	Lime	192
55	Shale	247
20	Lime	267
15	Shale	282
9	Lime	291
17	Shale	308
6	Lime	314
8	Shale	322
8	Lime	330
29	Shale	359
2	Lime	361
10	Shale	371
26	Lime	397
8	Shale	405
20	Lime	425
4	Shale	429
15	Lime	444
5	Shale	449
6	Sand	455
4	Sandy Shale	459
11	Shale	470
9	Sandy Shale	479
5	Sand	484
6	Sandy Shale	490
20	Shale	560
12	Sandy Shale	572

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 $BPH \times PSI \times .0004$

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. 7

Farm Thomas

KS Johnson
 (State) (County)

30 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

Thomas Farm Johnson County

123 State; Well No. 7

Elevation 105.1

Commenced Spudin 12-3 20-12

Finished Drilling 20-2

Driller's Name Charles Weaver

Driller's Name

Driller's Name

Tool Dresser's Name Brandon Stone

Tool Dresser's Name Eric Helburn

Tool Dresser's Name

Contractor's Name JCS

30 14 22

(Section) (Township) (Range)

Distance from S line 640 ft

Distance from E line 3810 ft

60746-0157-11ms

plugged

cemented by Consolidated

CASING AND TUBING RECORD

10" Set 10" Pulled
7 8" Set 73 8" Pulled
6 1/4" Set 6 1/4" Pulled
4" Set 4" Pulled
2" Set plugged 2" Pulled
939170

CASING AND TUBING MEASUREMENTS

Table with 6 columns: Feet, In, Feet, In, Feet, In. The table is mostly empty with some faint lines.

Thickness of Strata	Formation	Total Depth	Remarks
10	soil / clay	10	
47	sandstone	57	
2	lime	59	
12	shale	71	
6	lime	77	
6	shale	83	
2	lime	85	
6	shale	91	
15	lime	106	
8	shale	114	
8	lime	122	
7	shale	129	
21	lime	150	
17	shale	167	
25	lime	192	
55	shale	247	
20	lime	267	
15	shale	282	
9	lime	291	
17	shale	308	
6	lime	314	
8	shale	322	
8	lime	330	
29	shale	359	
2	lime	361	
10	shale	371	
26	lime	397	

Thickness of Strata	Formation	Total Depth	Remarks
		397	
8	shale	405	
20	lime	425	
4	shale	429	
15	lime	444	Harder
5	shale	449	
6	sand	455	
4	sandy shale	459	grey, incl
11	shale	470	
4	sandy shale	474	
5	sand	484	
6	sandy shale	490	grey, incl
20	shale	510	
12	sandy shale	522	
43	shale	565	
4	lime	569	
3	shale	572	
6	lime	578	
6	shale	584	
8	lime	592	
13	shale	605	
4	lime	609	
6	shale	615	
10	lime	625	
25	shale	700	
3	lime	703	
2	shale	705	
2	lime	707	

707

Thickness of Strata	Formation	Total Depth	Remarks
8	shale	715	
5	sand	720	gray, no oil
12	shale	732	
6	sandy shale	741	
10	shale	751	
5	broken sand	756	
4	sandy shale	760	
28	shale	788	
11	sandy shale	799	
12	shale	811	
4	sand	815	no oil
11	shale	826	
5	sand	831	gray, no oil
7	shale	838	
3	sand	841	gray, no oil
14	shale	855	
1	broken sand	856	no oil
2	sand	858	70-5% oil, gray
1	sand	859	15% oil, gray
7	sandy shale	866	no oil
11	shale	877	
2	sand	879	no oil
12	shale	891	TD



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 38987
LOCATION Ottawa KS
FOREMAN Fred Maden

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
12/6/12		Thomas #7	30	14	22	JO
CUSTOMER Vernon Thomas			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 17685 Edgerton Rd			506	Fred Mad		
CITY Edgerton STATE KS ZIP CODE 66021			495	Har Ber		
			369	Der Mos		
			558	Bro Man		

JOB TYPE Plug HOLE SIZE 5 7/8" HOLE DEPTH 920' CASING SIZE & WEIGHT N/A
 CASING DEPTH N/A DRILL PIPE 1" TUBING to TO OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING Full
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE 1:1 1/2 BBL/min

REMARKS: Rig run 1" tubing to TO. Spot 10 sks cement (50')
 pull tubing to 460'. Spot 10 sks cement (50')
 pull tubing to 350'. Fill to surface. Pull remainder
 1" tubing. Top off well. Wash out tubing.
 Total 70 sks 50/50 Por Mix Cement 6 1/2 Gal

TOS Drilling Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
540 5N	1	PUMP CHARGE Plug to abandon	495	1030 ⁰⁰
5406	30 mi	MILEAGE	495	120 ⁰⁰
5407	Minimum	Ten Miles	558	350 ⁰⁰
5502C	2 hr	80 BBL Vac Truck	369	180 ⁰⁰
1124	70 sks	50/50 Por Mix Cement		766 ⁵⁰
1118B	353 #	Premium Gel		741 ³
<u>paid 12/6/12</u>				
			SCANNED	
			7.525%	63 ²⁴
			SALES TAX ESTIMATED TOTAL	2583 ²⁴

Revin 8737

AUTHORIZATION _____ 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.