



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

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 (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 #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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: _____ Date: _____



1149291

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input 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
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CASING RECORD <input 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

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: 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
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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)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Johnson County, KS
Well: Thomas A 2-A
Lease Owner: ST Petroleum

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

Commenced Spudding:
6/11/2013

WELL LOG

Thickness of Strata	Formation	Total Depth
0-20	Soil-Clay	20
16	Shale	36
6	Lime	42
2	Shale	44
17	Lime	61
11	Shale	72
8	Lime	80
7	Shale	87
20	Lime	107
14	Shale	121
23	Lime	144
6	Shale	150
54	Lime	204
20	Shale	224
9	Lime	233
19	Shale	252
7	Lime	259
6	Shale	265
8	Lime	273
32	Shale	305
2	Lime	307
9	Shale	316
25	Lime	341
8	Shale	349
25	Lime	374
3	Shale	377
3	Lime	380
5	Shale	385
7	Lime	392
31	Shale	423
17	Sand	440
72	Shale	512
6	Sand	518
49	Shale	567
2	Lime	569
12	Shale	581
5	Lime	586
16	Shale	602
3	Lime	605
6	Shale	611

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. 2-A

Farm Thomas A

KS Johnson
 (State) (County)

29 14 22
 (Section) (Township) (Range)

For ST Petroleum inc
 (Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East
 Louisburg, KS 66053
 913-710-5400

Thickness of Strata	Formation	Total Depth	Remarks
0-20	Soil-clay	20	
16	Shale	36	
6	Lime	42	
2	Shale	44	
17	Lime	61	
11	Shale	72	
8	Lime	80	
7	Shale	87	
20	Lime	107	
14	Shale	121	
23	Lime	144	
6	Shale	150	
54	Lime	204	
20	Shale	224	
9	Lime	233	
19	Shale	252	
7	Lime	259	
6	Shale	265	
8	Lime	273	
32	Shale	305	
2	Lime	307	
9	Shale	316	
25	Lime	341	
8	Shale	349	
25	Lime	374	
3	Shale	377	
3	Lime	380	

380

Thickness of Strata	Formation	Total Depth	Remarks
5	shale	385	
7	Lime	392	Hertha
31	shale	423	
17	sand	440	no oil
72	shale	512	
6	sand	518	no Oil
49	shale	567	
2	Lime	569	
12	shale	581	
5	Lime	586	
16	shale	602	
3	Lime	605	
6	shale	611	
4	Lime	615	
45	shale	660	
7	sand	667	no Oil
61	shale	728	some sand - no Oil
18	sand	746	odor - slight show
99	shale	845	
13	sand	858	Oil - good show 848-58 best
62	shale	920	TD



CONSOLIDATED
Oil Well Services, LLC

259597

TICKET NUMBER 41928
LOCATION Attawa, KS
FOREMAN Casper Kennedy

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
6/12/13	7532	Thomas A # 2-A	NE 29	14	22	JO

CUSTOMER
ST Petroleum

MAILING ADDRESS
18800 Sunflower Rd

CITY
Edgerton STATE
KS ZIP CODE
66021

TRUCK #	DRIVER	TRUCK #	DRIVER
481	Cashen		
666	Garkoo		
491	Jerxus		
675	Kei Det		

JOB TYPE longstring HOLE SIZE 5 5/8" HOLE DEPTH 920' CASING SIZE & WEIGHT 2 7/8" EUE

CASING DEPTH 892' DRILL PIPE TUBING baffle - 884' OTHER _____

SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING 8'

DISPLACEMENT 5.12 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE 4.5 bpm

REMARKS: held safety meeting, established circulation, mixed & pumped 200 # Premium Gel followed by 10 bbls fresh water, mixed & pumped 50/50 Pozmix cement w/ 2% gel + 1/4# Flasecl per sk, cement to surface, flushed pumps clean, pumped 2 1/2" rubber plug to baffle w/ 5.12 bbls fresh water, pressured to 800 PSI, released pressure, shut in casing.

Handwritten signature/initials

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		
5406	30 mi	MILEAGE		1085.00
5402	892'	casing footage		126.00
5407	minimum	ton mileage		
5502c	2 hrs	80 vac		368.00
				180.00
1124	120 sks	50/50 Pozmix cement		
118B	402 #	Premium Gel		1380.00
1107	30 #	Flasecl		88.44
4402	1	2 1/2" rubber plug		74.10
				27.50

Ravin 3737

SALES TAX 118.31
ESTIMATED TOTAL 3449.35

AUTHORIZATION [Signature] 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.