



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: _____



1146520

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 Bbbs.	Gas Mcf	Water Bbbs.	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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Franklin County, KS
Well: Lowe I-2
Lease Owner: Lowe's Arena

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

Commenced Spudding:
05-21-13

WELL LOG

Thickness of Strata	Formation	Total Depth
0-14	Soil-Clay	14
3	Lime	17
3	Shale	20
18	Lime	38
7	Shale	45
10	Lime	55
5	Shale	60
20	Lime	80
38	Shale	118
21	Lime	139
19	Shale	158
2	sand	160
52	Shale	212
22	Lime	234
26	Shale	260
6	Lime	266
26	Shale	292
7	Lime	299
25	Shale	324
23	Lime	347
9	Shale	356
22	Lime	378
5	Shale	383
4	Lime	387
2	Shale	389
6	Lime	395
35	Shale	430
11	sand	441
3	Shale	444
3	sandy lime	447
33	sandy shale	480
25	Shale	505
3	sandy shale	508
3	sand	511
3	sand	514
43	Shale	557
8	Lime	565
5	Shale	570
3	Lime	573
12	Shale	585

Franklin County, KS
Well: Lowe I-2
Lease Owner: Lowe's Arena

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

Commenced Spudding:
05-21-13

9	sand	594
3	Shale	597
8	Lime	605
3	sandy shale	608
10	Shale	618
4	Lime	622
8	Shale	630
5	shale and lime	635
1	Lime	636
5	Shale	641
3	shale and lime	644
13	Shale	657
3	Lime	660
5	Shale	665
1	lime	666
2	sand	668
1	sand	669
3	sand	672
13	Sandy shale	685
4	Sandy lime	689
7	sandy shale	696
11	Shale	707
1	Lime	708
9	Shale	717
17	Sandy Shale	734
6	Sand	740
20	sandy shale	760 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 $SPM \times D$

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

* Need these to figure belt length

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

746 WATTS equal 1 HP

Log Book

Well No. I-2

Farm Lowe

KS Franklin
(State) (County)

17 16 21
(Section) (Township) (Range)

For Lowe's Arena, LLC
(Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Thickness of Strata	Formation	Total Depth	Remarks
0-14	soil-clay	14	
3	Lime	17	
3	Shale	20	
18	Lime	38	
7	shale	45	
10	Lime	55	
5	shale	60	
20	Lime	80	
38	shale	118	
21	Lime	139	
19	shale	158	
2	sand	160	Some sand No Oil
52	shale	212	
22	Lime	234	
26	shale	260	
6	Lime	266	
26	shale	292	some sand
7	Lime	299	
25	shale	324	
23	Lime	347	
9	shale	356	
22	Lime	378	
5	shale	383	
4	Lime	387	
2	shale	389	
6	Lime	395	Hertha
35	shale	430	

430

Thickness of Strata	Formation	Total Depth	Remarks
11	sand	441	no oil
3	shale	444	
3	sandy lime	447	
33	sandy shale	480	
25	shale	505	
3	sandy shale	508	
3	sand	511	no oil
3	sand	514	odor - slight show
43	shale	557	
8	lime	565	
5	shale	570	
3	lime	573	
12	shale	585	
9	sand	594	no oil
3	shale	597	
8	lime	605	
3	sandy shale	608	
10	shale	618	
4	lime	622	
8	shale	630	
5	shale & lime	635	
1	lime	636	
5	shale	641	
3	shale & lime	644	
13	shale	657	
3	lime	660	
5	shale	665	

