



KANSAS CORPORATION COMMISSION 1137006
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 # _____

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: _____



1137006

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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Douglas County, KS
 Well: Finnerty 25
 Lease Owner: R.T. Enterprises

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

Commenced Spudding:
 4/19/2013

WELL LOG

Thickness of Strata	Formation	Total Depth
		3
3	Soil/Clay	85
82	Sand	193
106	Shale	198
5	Lime	204
6	Shale	218
14	Lime	226
8	Shale	235
9	Lime	241
6	Shale	245
4	Lime	259
14	Shale & Shells	279
20	Shale	290
11	Sand	309
19	Lime	315
6	Sandy Shale	324
9	Sand	383
59	Shale	405
22	Lime	419
14	Shale	424
5	Shale & Lime	430
6	Lime	447
17	Shale	454
7	Sand	470
16	Lime	475
5	Shale	476
1	Lime	490
14	Shale	495
5	Lime	496
1	Lime	512
16	Lime	521
9	Shale	543
22	Lime	548
5	Shale	552
4	Lime	556
4	Shale	561
5	Lime	565
4	Shale	580
15	Sand	621
41	Shale	655
34	Sand & Sandy Shale	

Douglas County, KS
Well: Finnerty 25
Lease Owner: R.T. Enterprises

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

Commenced Spudding:
4/19/2013

23	Shale	678
2	Sand	680
10	Sand	690
5	Sandy Shale	695
38	Shale	733
7	Lime	740
5	Shale	745
1	Lime	746
3	Shale & Lime	749
7	Shale	756
9	Shale & Lime	765
14	Shale	779
3	Lime	782
4	Shale	786
11	Lime & Shale	797
5	Lime	802
21	Shale	823
2	Lime	825
5	Shale	830
6	Brokensand	836
6	Sand	842
4	Sand	846
18	Sand	864
5	Sand	869
11	Sand	880
2	Brokensand	882
2	Sandy Shale	884
96	Shale	980

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. 25

Farm Finnland

KS Douglas
(State) (County)

11 15 20
(Section) (Township) (Range)

For R.T. Enterprises
(Well Owner)

Town Oilfield Services, Inc.

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

Cumant Farm: Douglas County

KS State; Well No. 25

Elevation 1072

Commenced Spuding 4-19, 20 13

Finished Drilling 4-22, 20 13

Driller's Name Chad Weaver

Driller's Name _____

Driller's Name _____

Tool Dresser's Name Greg Perry

Tool Dresser's Name _____

Tool Dresser's Name _____

Contractor's Name JCS

11 15 20

(Section) (Township) (Range)

Distance from S line, 1155 ft.

Distance from E line, 840 ft.

0022-0036-7WAS

Cement by consolidated
**CASING AND TUBING
RECORD**

10" Set _____ 10" Pulled _____

7 7/8" Set 88' 8" Pulled _____

6 1/4" Set _____ 6 1/4" Pulled _____

4" Set _____ 4" Pulled _____

2 7/8" Set 948 50 2" Pulled _____

916 75 *Backle*

950 TD

Thickness of Strata	Formation	Total Depth	Remarks
3	soil / clay	3	
82	sand	85	40' water
106	shale	193	
5	lime	198	
6	shale	204	
14	lime	218	
8	shale	226	Dark
9	lime	235	
6	shale	241	
4	lime	245	
14	shale + shells	259	
20	shale	279	
11	sand	290	with some sandy shale
19	lime	309	
6	sandy shale	315	
9	sand	324	grey, no oil
59	shale	383	
22	lime	405	
14	shale	419	
5	shale + lime	424	
6	lime	430	
17	shale	447	
7	sand	454	odor, very little oil
16	lime	470	
5	shale	475	
1	lime	476	
14	shale	490	

Thickness of Strata	Formation	Total Depth	Remarks
		490	
5	Lime	495	
1	Lime	496	odor, sand show + bleeding
16	Lime	512	
9	shale	521	
22	Lime	543	
5	shale	548	
4	Lime	552	
4	shale	556	
5	Lime	561	Harder
4	shale	565	
15	sand	580	grey, no oil
41	shale	621	
34	sand + sandy shale	655	
23	shale	678	
2	sand	680	no oil
10	sand	690	little oil + bleeding
5	sandy shale	695	
38	shale	733	
7	Lime	740	
5	shale	745	
1	Lime	746	
3	shale + Lime	749	
7	shale	756	
9	lime + shale	765	
14	shale	779	
3	Lime	782	
4	shale	786	

