



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: _____



1091842

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Franklin County, KS
 Well: Groshong # 4
 Lease Owner: 4 Corners

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

Commenced Spudding:
 8/21/2012

WELL LOG

Thickness of Strata	Formation	Total Depth
3	Soil-Clay	3
9	Sandstone	12
156	Shale	168
25	Lime	193
7	Shale	200
9	Lime	209
6	Shale	215
32	Lime	247
2	Shale	249
24	Lime	273
7	Sandy Shale	280
12	Sand	292
59	Shale	351
22	Lime	373
4	Shale	377
2	Lime	379
5	Sandy Shale	384
3	Shale	387
4	Red Bed	391
2	Shale	393
7	Lime	400
27	Shale	427
9	Lime	436
21	Shale	457
24	Lime	481
10	Shale	491
22	Lime	513
4	Shale	517
4	Lime	521
3	Shale	524
6	Lime	530
11	Shale	541
5	Sand	546
153	Shale	699
7	Lime	706
19	Shale	725
11	Lime	736
8	Shale	744
3	Lime	747
5	Shale	752

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. 4

Farm Gresham

KS Franklin
(State) (County)

A3 15 20
(Section) (Township) (Range)

For Low Connors Oil
(Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Crocker Farm: Franklin County

KS State; Well No. 4

Elevation 1078

Commenced Spuding 8-21 20 12

Finished Drilling 8-22 20 12

Driller's Name Chad Weaver

Driller's Name

Driller's Name

Tool Dresser's Name Brandon Stone

Tool Dresser's Name Cole

Tool Dresser's Name

Contractor's Name TOS

23 15 20

(Section) (Township) (Range)

Distance from S line, 2145 ft.

Distance from E line, 165 ft.

088-0197-9 hrs

3-sacks
CASING AND TUBING
RECORD

10" Set _____ 10" Pulled _____

8" Set 20² 8" Pulled _____

6 1/2" Set _____ 6 1/2" Pulled _____

4" Set _____ 4" Pulled _____

2 7/8" Set 471.15
919 TD 2" Pulled _____

CAS

Feet

871

74	160	170	175	180	185	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355	360	365	370	375	380	385	390	395	400	405	410	415	420	425	430	435	440	445	450	455	460	465	470	475	480	485	490	495	500	505	510	515	520	525	530	535	540	545	550	555	560	565	570	575	580	585	590	595	600	605	610	615	620	625	630	635	640	645	650	655	660	665	670	675	680	685	690	695	700	705	710	715	720	725	730	735	740	745	750	755	760	765	770	775	780	785	790	795	800	805	810	815	820	825	830	835	840	845	850	855	860	865	870	875	880	885	890	895	900	905	910	915	920	925	930	935	940	945	950	955	960	965	970	975	980	985	990	995	1000
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3-vents
L. J. J. J.

Thickness of Strata	Formation	Total Depth	Remarks
3	silt/clay	3	
9	sandstone	12	
156	shale	168	
25	Lime	193	
7	shale	200	
9	Lime	209	
6	shale	215	
32	Lime	247	
2	shale	249	
24	Lime	273	
7	sandy shale	280	
12	sand	292	
59	shale	351	gray, no oil
22	Lime	373	
4	shale	377	
2	Lime	379	
5	sandy shale	384	
3	shale	387	
4	red bed	391	
2	shale	393	
7	Lime	400	
27	shale	427	
9	Lime	436	
21	shale	457	
24	Lime	481	
10	shale	491	
22	Lime	513	

Thickness of Strata	Formation	Total Depth	Remarks
4	shale	517	
4	lime	521	
3	shale	524	
6	lime	530	
11	shale	541	
5	sand	546	
153	shale	699	sandy, no oil
7	lime	706	
19	shale	725	
11	lime	736	736
8	shale	744	
3	lime	747	
5	shale	752	
3	lime	755	
4	sandy shale	759	
8	lime	767	water
18	shale	785	
2	lime	787	
	sandy shale	792	
20	sand	822	very little oil adon
2	sand	824	30% very little bleed
14	sandy shale	838	35%
2	sand	840	30%
2	sandy shale	842	20%
12	sandy shale	854	very little oil
65	shale	919	TD