



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: _____



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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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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Franklin County, KS
 Well: Williams AI-5
 Lease Owner: Altavista

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

Commenced Spudding:
 7/15/2013

WELL LOG

Thickness of Strata	Formation	Total Depth
27	Soil/Clay	27
76	Shale	103
6	Lime	109
2	Shale	111
15	Lime	126
8	Shale	134
10	Lime	144
6	Shale	150
60	Lime	210
15	Sandy Shale	225
4	Sand	229
57	Shale	286
21	Lime	307
5	Shale	312
2	Sandy Lime	314
4	Sandy Shale	318
10	Shale-Redbed	328
8	Lime	336
25	Shale	361
7	Lime	368
8	Shale	376
2	Lime	378
15	Shale	393
22	Lime	415
8	Shale	423
24	Lime	447
3	Shale	450
3	Lime	453
3	Shale	456
7	Lime	463
114	Shale & Sandy Shale	577
10	Sand	587
7	Sandy Shale	594
16	Shale	610
5	Shale & Lime	615
18	Shale	633
7	Lime	640
6	Shale	646
4	Lime	650
10	Shale	660

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. AI-5

Farm Williams

KS Franklin
(State) (County)

24 15 20
(Section) (Township) (Range)

For Altavista Energy inc
(Well Owner)

Town Oilfield Services, Inc.

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

Williams Farm: Franklin County

KS State; Well No. AI-5

Elevation 1008

Commenced Spuding July 15, 2013

Finished Drilling July 16, 2013

Driller's Name Wesley Dollard

Driller's Name

Driller's Name

Tool Dresser's Name Ryan Ward

Tool Dresser's Name Greg Perry

Tool Dresser's Name

Contractor's Name TOS

24 '5 20

(Section) (Township) (Range)

Distance from S line, 1800 ft.

Distance from E line, 4450 ft.

3 sacks

9 hrs

CASING AND TUBING RECORD

10" Set _____ 10" Pulled _____

8" Set _____ 8" Pulled _____

7 1/4" Set 21 6 1/4" Pulled _____

4" Set _____ 4" Pulled _____

2" Set _____ 2" Pulled _____

CASING AND TUBING MEASUREMENTS

Table with 6 columns: Feet, In., Feet, In., Feet, In. Handwritten entries include 813.85 Baffle, 843.80 float, and 2 7/8.

Thickness of Strata	Formation	Total Depth	Remarks
0-27	soil-clay	27	
76	shale	103	
6	lime	109	
2	shale	111	
15	lime	126	
8	shale	134	
10	lime	144	
6	shale	150	
60	lime	210	
15	sandy shale	225	shells
4	sand	229	some sand - no oil
57	shale	286	no oil
21	lime	307	
5	shale	312	
2	sandy lime	314	
4	sandy shale	318	
10	shale - redbed	328	
8	lime	336	
25	shale	361	
7	lime	368	
8	shale	376	
2	lime	378	
15	shale	393	
22	lime	415	
8	shale	423	
24	lime	447	
3	shale	450	

450

Thickness of Strata	Formation	Total Depth	Remarks
3	Lime	453	
3	Shale	456	
7	Lime	463	Hertha
114	shale & sandy shale	577	
10	Sand	587	no Oil
7	sandy shale	594	
16	shale	610	
5	shale & lime	615	
18	shale	633	
7	Lime	640	
6	shale	646	
4	Lime	650	
10	shale	660	
9	Lime	669	
11	shale	680	
3	Lime	683	
17	shale	700	
2	Lime	702	
17	shale	719	
2	shale & lime	721	
3	shale	724	
3	sandy shale	727	
23	sand	750	broken - brown - no Oil
16	sand	766	broken - mostly solid
12	sand	778	solid - good saturation
8	sand	786	dead Oil
4	shale	790	



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 260614

Invoice Date: 07/17/2013 Terms: 0/0/30,n/30

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ALTAVISTA ENERGY INC
4595 K-33 HIGHWAY
P.O. BOX 128
WELLSVILLE KS 66092
(785) 883-4057

WILLIAMS AI-5
42202
24-15-20
07-16-2013
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	95.00	11.5000	1092.50
1118B	PREMIUM GEL / BENTONITE	260.00	.2200	57.20
1111	SODIUM CHLORIDE (GRANULA	184.00	.3900	71.76
1110A	KOL SEAL (50# BAG)	475.00	.4600	218.50
1401	HE 100 POLYMER	.50	47.2500	23.63
4402	2 1/2" RUBBER PLUG	1.00	29.5000	29.50

Description	Hours	Unit Price	Total
368 CEMENT PUMP	1.00	1085.00	1085.00
368 EQUIPMENT MILEAGE (ONE WAY)	20.00	4.20	84.00
368 CASING FOOTAGE	844.00	.00	.00
370 80 BBL VACUUM TRUCK (CEMENT)	2.00	90.00	180.00
510 MIN. BULK, DELIVERY	1.00	368.00	368.00

Parts: 1493.09 Freight: .00 Tax: 114.24 AR 3324.33
Labor: .00 Misc: .00 Total: 3324.33
Sublt: .00 Supplies: .00 Change: .00

Signed _____ Date _____

BARTLESVILLE, OK 918/338-0808 EL DORADO, KS 316/322-7022 EUREKA, KS 620/583-7664 PONCA CITY, OK 580/762-2303 OAKLEY, KS 785/672-8822 OTTAWA, KS 785/242-4044 THAYER, KS 620/839-5269 GILLETTE, WY 307/686-4914 CUSHING, OK 918/225-2650



CONSOLIDATED
Oil Well Services, LLC

260614

TICKET NUMBER 42202

LOCATION O+T 9419

FOREMAN Alan Madden

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
7-16-13	3244	Williams A I-5	SW 24	15	20	FR

CUSTOMER	TRUCK #	DRIVER	TRUCK #	DRIVER
Altavista Energy	516	Alc Mad		
	368	Ar Mad		
	370	Mik Hog		
	510	Setval		

CUSTOMER	CITY	STATE	ZIP CODE
Altavista Energy	Wellsville	KS	66092

JOB TYPE long string HOLE SIZE 5 7/8 HOLE DEPTH 860 CASING SIZE & WEIGHT 2 7/8
 CASING DEPTH 844 DRILL PIPE _____ TUBING _____ OTHER baffle 814
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING yes
 DISPLACEMENT 4 3/4 DISPLACEMENT PSI 800 MIX PSI 200 RATE 4 bpm

REMARKS: hooked to casing Established rate. Mixed & pumped 1/2 gal polymer to condition well. Mixed & pumped 100 # gel followed by 95 sk 50/50 cement plus 2 1/2 gal 5% salt 5# Kol seal per sack. Circulated cement, flushed pump, pumped plug to baffle. Well held 800 PSI. Set float & closed valve.

TOS, WRS

Alan Madden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368	1080.00
5406	20	MILEAGE	368	84.00
5402	844	Casing footage	368	
5407	1 mi	1 mi mileage		368.00
5302C	2	80 wk	370	180.00
1124	95	50/50 cement		1092.50
1118B	260 #	gel		57.20
1111	184 #	salt		71.76
1110A	475 #	Kol seal		218.50
1701	1/2 gal	polymer		23.63
1702	1	2 1/2 plug		29.00

Completed

SALES TAX 114.24
ESTIMATED TOTAL 3324.33

AUTHORIZATION NO company rep
Jim OK'd

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.