



KANSAS CORPORATION COMMISSION 1157367  
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: \_\_\_\_\_



1157367

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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Franklin County, KS  
Well: Williams A-1  
Lease Owner: AltaVista

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

Commenced Spudding:  
7/12/2013

WELL LOG

Thickness of Strata	Formation	Total Depth
0-28	Soil-Clay	28
100	Shale	128
5	Lime	133
2	Shale	135
16	Lime	151
8	Shale	159
10	Lime	169
7	Shale	176
58	Lime	234
9	Sandy Shale	243
15	Sand	258
54	Shale	312
21	Lime	333
5	Shale	338
3	Sandy Lime	341
12	Shale	353
8	Lime	361
27	Shale	388
8	Lime	396
6	Shale	402
2	Lime	404
16	Shale	420
22	Lime	442
7	Shale	449
24	Lime	473
4	Shale	477
4	Lime	481
3	Shale	484
6	Lime	490
113	Shale	603
15	Sand	618
2	Sandy Shale	620
41	Shale	661
7	Lime	668
38	Shale	706
3	Lime	709
14	Shale	723
4	Lime	727
21	Shale	748
4	Lime	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. A-1

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. A-1  
 Elevation 1048

Commenced Spuding July 12 2013

Finished Drilling July 13 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 15 20

(Section) (Township) (Range)  
 Distance from S line, 1475 ft.

Distance from E line, 5100 ft.

3 sacks  
 8 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**

Feet	In.	Feet	In.	Feet	In.
783.	20	Seat	nipple		
845.	65	Baffle			
874.	95	Floater		27 1/8	



Thickness of Strata	Formation	Total Depth	Remarks
0-28	soil-clay	28	
100	shale	128	
5	Lime	133	
2	shale	135	
16	Lime	151	
8	shale	159	
10	Lime	169	
7	shale	176	
58	Lime	234	
9	sandy shale	243	shells
15	sand	258	
54	shale	312	no oil
21	Lime	333	
5	shale	338	
3	sandy lime	341	
12	shale	353	
8	Lime	361	redbed
27	shale	388	
8	Lime	396	
6	shale	402	
2	Lime	404	
16	shale	420	
22	Lime	442	
7	shale	449	
24	Lime	473	
4	shale	477	
4	Lime	481	

481

Thickness of Strata	Formation	Total Depth	Remarks
3	Shale	484	
6	Lime	490	
113	Shale	603	Mertha
15	sand	618	some sandy shale
2	sandy shale	620	no Oil
41	Shale	661	
7	Lime	668	
38	Shale	706	
3	Lime	709	
14	Shale	723	
4	Lime	727	
21	Shale	748	
4	Lime	752	
5	Shale	757	
1	Lime	758	
6	Shale	764	
3	sandy shale	767	
7	sand	774	
10	sand	784	broken - brown - no Oil
6	sand	790	broken - 50% oil - good show
2	sand & sandy shale	792	solid - good saturation
12	sand	804	50-50 - solid sand
8	Shale	812	solid - good saturation
7	sand & shale	819	
81	Shale	900	odors - no show
			TD





**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 # 260524

Invoice Date: 07/16/2013 Terms: 0/0/30,n/30

Page 1

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

WILLIAMS A-1  
42167  
24-15-20  
07-13-2013  
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	111.00	11.5000	1276.50
1118B	PREMIUM GEL / BENTONITE	287.00	.2200	63.14
1111	SODIUM CHLORIDE (GRANULA	215.00	.3900	83.85
1110A	KOL SEAL (50# BAG)	555.00	.4600	255.30
4402	2 1/2" RUBBER PLUG	1.00	29.5000	29.50

Description	Hours	Unit Price	Total
369 80 BBL VACUUM TRUCK (CEMENT)	2.00	90.00	180.00
495 CEMENT PUMP	1.00	1085.00	1085.00
495 EQUIPMENT MILEAGE (ONE WAY)	20.00	4.20	84.00
495 CASING FOOTAGE	875.00	.00	.00
548 MIN. BULK DELIVERY	1.00	368.00	368.00
712 WEEK-END SURCHARGE	1.00	.00	.00

Parts: 1708.29 Freight: .00 Tax: 130.68 AR 3555.97  
 Labor: .00 Misc: .00 Total: 3555.97  
 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

260524

TICKET NUMBER 42167

LOCATION Ottawa KS

FOREMAN Fred Maden

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
7-13-13	3244	Williams * A-1	SW 24	15	20	FR

CUSTOMER  
Alta Vista Energy Inc

MAILING ADDRESS  
P.O. Box 128

CITY Wellsville STATE KS ZIP CODE 66082

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Fred Maden		
495	Kei Cav		
369	Der Mar		
548	Set Tuc		

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 900' CASING SIZE & WEIGHT 2 7/8 EUE

CASING DEPTH 875 DRILL PIPE Baffle Tubing @ 845 OTHER \_\_\_\_\_

SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING + Plug

DISPLACEMENT 4.9 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 5 BPM

REMARKS: Hold crew meeting. Establish pump rate. Pump 1/2 Gal NE 100 Polymer  
Flush. Circulate to condition hole. Mix + Pump 100# Gel Flush.  
Mix + Pump 111 SKS 50/50 Por Mix Cement 2 7/8 Gal 5% Salt 5-#  
Kol Seal/sk. Cement to surface. Flush pump + lines clean.  
Displace 2 1/2" Rubber plug to baffle. Pressure to 800\* PSI.  
Release pressure to set Float Valve. Shut in casing.

TOS Drilling. - was

Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1085 <sup>00</sup>
5406	20 mi	MILEAGE	495	84 <sup>00</sup>
5402	875	Casing footage		N/C
5407	Minimum	Ton Miles	548	368 <sup>00</sup>
5502C	2 hrs	50 BBL Vac Truck	369	180 <sup>00</sup>
1124	111 SKS	50/50 Por Mix Cement		1276 <sup>50</sup>
1118B	287#	Premium Gel		634
1111	215#	Granulated Salt		63 <sup>85</sup>
1110A	555#	Kol Seal		255 <sup>30</sup>
4402	1	2 1/2" Rubber Plug		29 <sup>50</sup>
5408	1	Weekend Surcharge		719 <sup>31</sup>

**Completed**

7.4%

SALES TAX ESTIMATED TOTAL 130<sup>68</sup>  
3555<sup>97</sup>

AUTHORIZATION \_\_\_\_\_ 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.