



KANSAS CORPORATION COMMISSION 1100439  
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 # 34350  
Name: Altavista Energy, Inc.  
Address 1: 4595 K-33 Highway  
Address 2: PO BOX 128  
City: WELLSVILLE State: KS Zip: 66092 +  
Contact Person: Phil Frick  
Phone: ( 785 ) 883-4057  
CONTRACTOR: License # 33715  
Name: Town Oilfield Service  
Wellsite Geologist: None  
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 #: \_\_\_\_\_  
09/25/2012    09/27/2012    09/27/2012  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-045-21832-00-00  
Spot Description: \_\_\_\_\_  
NW SE NE SE Sec. 2 Twp. 15 S. R. 20  East  West  
1815 Feet from  North /  South Line of Section  
575 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Douglas  
Lease Name: Baldwin West Well #: A-3  
Field Name: \_\_\_\_\_  
Producing Formation: Squirrel  
Elevation: Ground: 1079 Kelly Bushing: 1079  
Total Depth: 940 Plug Back Total Depth: 864  
Amount of Surface Pipe Set and Cemented at: 42 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 895  
feet depth to: 0 w/ 126 sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: 0 ppm Fluid volume: 30 bbls  
Dewatering method used: Evaporated  
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: Deanna Garrison Date: 11/13/2012



1100439

Operator Name: Altavista Energy, Inc. Lease Name: Baldwin West Well #: A-3  
 Sec. 2 Twp. 15 S. R. 20  East  West County: Douglas

**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 checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:  Gamma Ray/Neutron/CCL	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Squirrel</td> <td>840</td> <td>+239</td> </tr> </table>	Name	Top	Datum	Squirrel	840	+239
Name	Top	Datum					
Squirrel	840	+239					

CASING RECORD <input type="checkbox"/> New <input checked="" 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
Surface	9.875	7	19	42	Portland	15	NA
Production	5.625	2.875	7	895	50/50 Poz	126	See Ticket

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
3	840-850 - 31 Perfs - 2" DML RTG		

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. 10/29/2012		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. 1	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

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 checked="" 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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Douglas County, KS  
Well: Baldwin West A-3  
Lease Owner: AltaVista

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

Commenced Spudding:  
9/25/2012

WELL LOG

Thickness of Strata	Formation	Total Depth
0-23	Soil-Clay	23
2	Shale	25
2	Lime	27
6	Shale	33
2	Lime	35
15	Shale	50
2	Lime	52
144	Shale	196
4	Lime	200
2	Shale	202
3	Lime	205
8	Shale	213
14	Lime	227
8	Shale	235
8	Lime	243
5	Shale	248
22	Lime	270
25	Shale	295
18	Lime	313
73	Shale	386
22	Lime	408
19	Shale	427
7	Lime	434
22	Shale	456
19	Lime	475
17	Shale	492
7	Lime	499
2	Shale	501
14	Lime	515
9	Shale	524
23	Lime	547
5	Shale	552
3	Lime	555
5	Shale	560
6	Lime	566
172	Shale	738
6	Lime	744
17	Shale	761
3	Lime	764
18	Shale	782





# Short Cuts

## TANK CAPACITY

BBLs. (42 gal.) equals  $D^2 \times h \times 1.4$   
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-3

Farm Baldwin West

KS Douglas  
(State) (County)

2 15 20  
(Section) (Township) (Range)

For Altavista Energy  
(Well Owner)

## Town Oilfield Services, Inc.

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



Thickness of Strata	Formation	Total Depth	Remarks
0-23	Soil-clay	23	
2	Shale	25	
2	Lime	27	
6	Shale	33	
2	Lime	35	
15	Shale	50	
2	Lime	52	
144	Shale	196	
4	Lime	200	
2	Shale	202	
3	Lime	205	
8	Shale	213	
14	Lime	227	
8	Shale	235	
8	Lime	243	
5	Shale	248	
22	Lime	270	
25	Shale	295	
18	Lime	313	
73	Shale	386	
22	Lime	408	
19	Shale	427	
7	Lime	434	
22	Shale	456	
19	Lime	475	
17	Shale	492	
7	Lime	499	



499

Thickness of Strata	Formation	Total Depth	Remarks
2	Shale	501	
14	Lime	515	
9	Shale	524	
23	Lime	547	
5	shale	552	
3	Lime	555	
5	shale	560	
6	Lime	566	Herthel
172	shale	738	
6	Lime	744	
17	Shale	761	
3	Lime	764	
18	Shale	782	
3	Lime	785	
44	shale & lime	829	
2	Lime	831	
3	Shale	834	
1	shale & lime	835	
1	shale	836	
1	sandy shale	837	no oil
1	sandy shale & sand	838	75% oil - perf
18	core	856	
84	sandy shale	940	no oil - FD





**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 # 253302

Invoice Date: 09/28/2012 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

BALDWIN WEST A-3  
34940  
2-15-20  
09-27-2012  
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	126.00	10.9500	1379.70
1118B	PREMIUM GEL / BENTONITE	312.00	.2100	65.52
1111	SODIUM CHLORIDE (GRANULA	243.00	.3700	89.91
1110A	KOL SEAL (50# BAG)	630.00	.4600	289.80
1401	HE 100 POLYMER	.50	47.2500	23.63
4402	2 1/2" RUBBER PLUG	1.00	28.0000	28.00

  

Description	Hours	Unit Price	Total
368 CEMENT PUMP	1.00	1030.00	1030.00
368 EQUIPMENT MILEAGE (ONE WAY)	20.00	4.00	80.00
368 CASING FOOTAGE	895.00	.00	.00
369 80 BBL VACUUM TRUCK (CEMENT)	1.50	90.00	135.00
558 MIN. BULK DELIVERY	1.00	350.00	350.00

=====  
Parts: 1876.56 Freight: .00 Tax: 136.99 AR 3608.55  
Labor: .00 Misc: .00 Total: 3608.55  
Sublt: .00 Supplies: .00 Change: .00  
=====

Signed \_\_\_\_\_ Date \_\_\_\_\_



**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 34940  
LOCATION Ottawa  
FOREMAN Alan 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
9-27-12	3244	Baldwin West A-3	SE 2	15	20	D6
CUSTOMER <u>Altawista Energy</u>			TRUCK #			
MAILING ADDRESS <u>P.O. Box 128</u>			DRIVER			
CITY <u>Wellsville</u>			TRUCK #			
STATE <u>KS</u>			DRIVER			
ZIP CODE <u>66002</u>			TRUCK #			
			DRIVER			

JOB TYPE long string HOLE SIZE 5 7/8 HOLE DEPTH 940 CASING SIZE & WEIGHT 2 7/8  
CASING DEPTH 895 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER 864 bp  
SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING yes  
DISPLACEMENT 5 DISPLACEMENT PSI 800 MIX PSI 200 RATE 4 bpm

REMARKS: Held crew meet. Established rate. Mixed & pumped 1/2 gal polymer to condition well followed by 100# gel. Mixed & pumped 126 sk 50/50 cement plus 2% gel. 5% salt, 5# Kolseal per sack. Circulated cement. Flushed pump. Pumped plug to baffle. Well held 800 P.S.I. Set float. Closed valve.

TOS, Wes Alan Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368	1030.00
5406	20	MILEAGE	368	80.00
5402	895	Casing footage	368	---
5407	min	ton miles	558	350.00
5502C	1 1/2	80 val	369	135.00
1124	126	50/50 cement		1379.70
1118B	312#	gel		65.52
1111	243#	salt		89.91
1110A	630#	Kolseal		289.80
1401	1/2 gal	polymer		23.63
4402	1	2 1/2 plug		28.00
				SALES TAX
				ESTIMATED TOTAL

*Consolidated*

SALES TAX  
ESTIMATED TOTAL 136.99  
3608.55

Revin 3737 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

253300