



KANSAS CORPORATION COMMISSION 1100429  
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 #: \_\_\_\_\_  
09/19/2012    09/21/2012    09/21/2012  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-045-21830-00-00  
Spot Description: \_\_\_\_\_  
NW NE NE SE Sec. 2 Twp. 15 S. R. 20  East  West  
2475 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-1  
Field Name: \_\_\_\_\_  
Producing Formation: Squirrel  
Elevation: Ground: 1045 Kelly Bushing: 1045  
Total Depth: 900 Plug Back Total Depth: 839  
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: 869  
feet depth to: 0 w/ 134 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 Gantsov Date: 11/13/2012



1100429

Operator Name: Altavista Energy, Inc. Lease Name: Baldwin West Well #: A-1  
 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: none;"> <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>812</td> <td>+233</td> </tr> </table>	Name	Top	Datum	Squirrel	812	+233
Name	Top	Datum					
Squirrel	812	+233					

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	5	NA
Production	5.625	2.875	7	869	50/50 Poz	134	See Ticket

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
3	812-822 - 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. <b>10/29/2012</b>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____	
Estimated Production Per 24 Hours	Oil Bbls. <b>3</b>	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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Douglas County, KS  
Well: Balwin West A-1  
Lease Owner: AltaVista

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

Commenced Spudding:  
9/19/2012

WELL LOG

Thickness of Strata	Formation	Total Depth
0-20	Soil-Clay	20
2	Lime	22
10	Shale	32
1	Lime	33
135	Shale	168
8	Lime	176
10	Shale	186
12	Lime	198
10	Shale	208
7	Lime	215
5	Shale	220
29	Lime	249
18	Shale	267
18	Lime	285
4	Shale	289
1	Lime	290
68	Shale	358
22	Lime	380
19	Shale	399
7	Lime	406
23	Shale	429
19	Lime	448
17	Shale	465
7	Lime	472
2	Shale	474
14	Lime	488
10	Shale	498
23	Lime	521
5	Shale	526
4	Lime	530
3	Shale	533
6	Lime	539
168	Shale	707
6	Lime	713
19	Shale	732
3	Lime	735
20	Shale	755
3	Lime	758
44	Shale & Lime	802
1	Lime	803





# 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. A-1

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
0-20	soil-clay	20	
2	Lime	22	
10	Shale	32	
1	Lime	33	
135	shale	168	
8	Lime	176	
10	Shale	186	
12	Lime	198	
10	Shale	208	
7	Lime	215	
5	shale	220	
29	Lime	249	
18	Shale	267	
18	Lime	285	
4	Shale	289	
1	Lime	290	
68	Shale	358	
22	Lime	380	
19	Shale	399	
7	Lime	406	
23	Shale	429	
19	Lime	448	
17	Shale	465	
7	Lime	472	
2	Shale	474	
14	Lime	488	
10	Shale	498	









**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 # 253161

Invoice Date: 09/25/2012 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-1  
39545  
2-15-20  
09-21-2012  
KS

Part Number	Description	Qty	Unit Price	Total
1118B	PREMIUM GEL / BENTONITE	354.00	.2100	74.34
1124	50/50 POZ CEMENT MIX	134.00	10.9500	1467.30
1110A	KOL SEAL (50# BAG)	690.00	.4600	317.40
1401	HE 100 POLYMER	.50	47.2500	23.63
1111	SODIUM CHLORIDE (GRANULA	308.00	.3700	113.96
4402	2 1/2" RUBBER PLUG	1.00	28.0000	28.00

Description	Hours	Unit Price	Total
495 CEMENT PUMP	1.00	1030.00	1030.00
495 EQUIPMENT MILEAGE (ONE WAY)	20.00	4.00	80.00
495 CASING FOOTAGE	869.00	.00	.00
503 MIN. BULK DELIVERY	1.00	350.00	350.00
675 80 BBL VACUUM TRUCK (CEMENT)	2.00	90.00	180.00

Parts:	2024.63	Freight:	.00	Tax:	147.80	AR	3812.43
Labor:	.00	Misc:	.00	Total:	3812.43		
Sublt:	.00	Supplies:	.00	Change:	.00		

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

