



KANSAS CORPORATION COMMISSION 1100435
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 #: _____
10/01/2012 10/04/2012 10/04/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-045-21831-00-00
Spot Description: _____
SE NE NE SE Sec. 2 Twp. 15 S. R. 20 East West
2145 Feet from North / South Line of Section
245 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-2
Field Name: _____
Producing Formation: Squirrel
Elevation: Ground: 1060 Kelly Bushing: 1060
Total Depth: 920 Plug Back Total Depth: 846
Amount of Surface Pipe Set and Cemented at: 43 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 876
feet depth to: 0 w/ 100 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



1100435

Operator Name: Altavista Energy, Inc. Lease Name: Baldwin West Well #: A-2
 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 (Attach Additional Sheets)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Squirrel	820	+240
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Submitted Electronically (If no, Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				
Gamma Ray/Neutron/CCL				

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	43	Portland	5	NA
Production	5.625	2.875	7	876	50/50 Poz	100	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 (Amount and Kind of Material Used)	Depth
3	820-836 - 50 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. 3	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 (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
--	--	--

Douglas County, KS
Well: Baldwin West A-2
Lease Owner: AltaVista

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

Commenced Spudding:
10/1/202

WELL LOG

Thickness of Strata	Formation	Total Depth
0-21	Soil-Clay	21
14	Shale	35
2	Lime	37
9	Shale	46
2	Lime	48
134	Shale	182
7	Lime	189
10	Shale	199
13	Lime	212
8	Shale	220
8	Lime	228
6	Shale	234
22	Lime	256
22	Shale	278
18	Lime	296
74	Shale	370
23	Lime	393
19	Shale	412
6	Lime	418
23	Shale	441
20	Lime	461
17	Shale	478
7	Lime	485
1	Shale	486
15	Lime	501
4	Shale	510
24	Lime	534
4	Shale	538
4	Lime	542
4	Shale	546
6	Lime	552
169	Shale	721
5	Lime	726
17	Shale	743
5	Lime	748
19	Shale	767
3	Lime	770
43	Shale and Lime	813
1	Lime	814
2	Shale	816

Short Cuts

TANK CAPACITY

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

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-2

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

Bellevue West
 Farm: Douglas County
KS State; Well No. A-2

Elevation 1060

Commenced Spudding Oct 1 2012

Finished Drilling Oct 4 2012

Driller's Name Wesley Dellard

Driller's Name _____

Driller's Name _____

Tool Dresser's Name Ryan Wood

Tool Dresser's Name Colt Stone

Tool Dresser's Name _____

Contractor's Name TCS

2 15 20

(Section) (Township) (Range)
 Distance from S line, 2145 ft.

Distance from E line, 245 ft.

5 sacks
1 cork
14 hrs

CASING AND TUBING RECORD

10" Set _____ 10" Pulled _____
 8" Set _____ 8" Pulled _____
 7 1/2" Set 43 6 1/2" Pulled _____
 4" Set _____ 4" Pulled _____
 2" Set _____ 2" Pulled _____

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
814.20		Set		nipple	
845.70		Bluff			
875.70		Float			
					2 7/8

Thickness of Strata	Formation	Total Depth	Remarks
0-21	soft clay	21	
14	shale	35	
2	Lime	37	
9	shale	46	
2	Lime	48	
134	shale	182	
7	Lime	189	
10	shale	199	
13	Lime	212	
8	shale	220	
8	Lime	228	
6	shale	234	
22	Lime	256	
22	shale	278	
18	Lime	296	
74	shale	370	
23	Lime	393	
19	shale	412	
6	Lime	418	
23	shale	441	
20	Lime	461	
17	shale	478	
7	Lime	485	
1	shale	486	
15	Lime	501	
9	shale	510	
24	Lime	534	



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 # **253452**

Invoice Date: 10/08/2012 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

BALDWIN WEST A-2
34996
2-15-20
10-04-2012
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	100.00	10.9500	1095.00
1118B	PREMIUM GEL / BENTONITE	268.00	.2100	56.28
1111	SODIUM CHLORIDE (GRANULA	193.00	.3700	71.41
1110A	KOL SEAL (50# BAG)	500.00	.4600	230.00
4402	2 1/2" RUBBER PLUG	1.00	28.0000	28.00
1401	HE 100 POLYMER	.50	47.2500	23.63
Description		Hours	Unit Price	Total
369	80 BBL VACUUM TRUCK (CEMENT)	1.50	90.00	135.00
495	CEMENT PUMP	1.00	1030.00	1030.00
495	EQUIPMENT MILEAGE (ONE WAY)	25.00	4.00	100.00
495	CASING FOOTAGE	876.00	.00	.00
558	MIN. BULK DELIVERY	1.00	350.00	350.00

Parts: 1504.32 Freight: .00 Tax: 109.82 AR 3229.14
 Labor: .00 Misc: .00 Total: 3229.14
 Sublt: .00 Supplies: .00 Change: .00

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 34996

LOCATION Ottawa KS

FOREMAN Fred Mader

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
10/4/12	3244	Baldwin West-A-2	SW 2	15	20	OG

CUSTOMER <u>Altavista Energy Inc</u>		
MAILING ADDRESS <u>4595 K 33 Highway</u>		
CITY <u>Wellsville</u>	STATE <u>KS</u>	ZIP CODE <u>66092</u>

TRUCK #	DRIVER	TRUCK #	DRIVER
506	Fred Mader	Safety	Mader
495	Kel Car	KC	
369	Tas Ric	TR	
558	Bre Man	BM	

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 920 CASING SIZE & WEIGHT 2 7/8 EUE
 CASING DEPTH 876 DRILL PIPE Baffle & TUBING @ 546 OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 2 1/2" Plug + 30'
 DISPLACEMENT 4.92 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 53 BPM

REMARKS: Establish pump rate. Mix + Pump 1/2 Gal HE-100 Polymer Flush.
Circulate to condition hole. Mix + Pump 100# Gal Flush. Mix + Pump
100 SKS 50/50 Pore Mix Cement 2% Gal 5% Salt 5# Gal Seal/sk.
Thin cement to surface. Flush pump + lines clean. Displace
2 1/2" Rubber plug to baffle in casing. Pressure to 800# PSI.
Release pressure to set float valve. Shut in casing.
Note: Cement thin @ surface. Will return to top off
well w/ cement near future.

Fred Mader

TOS Drilling

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1090 ⁰⁰
5406	25mi	MILEAGE	495	1000 ⁰⁰
5402	876	Casing Footage		N/C
5407	Minimum	Per Miles	555	330 ⁰⁰
55020	1 1/2 hr	80 BBL Vac. Truck	369	135 ⁰⁰
1124	100 SKS	50/50 Pore Mix Cement	1095 ⁰⁰	1095 ⁰⁰
1118B	265 ³⁴	Premium Gel		56 ²⁵
1111	193 ³⁴	Granulated Salt		71 ⁴¹
1110A	500 ³⁴	Kal Seal		230 ⁰⁰
4402	1	2 1/2" Rubber Plug		25 ⁰⁰
1401	1/2 Gal	HE-100 Polymer		28 ⁵³
			7.3%	SALES TAX
				ESTIMATED TOTAL
				109 82
				3229 14

Revin 3737

AUTHORIZATION Wesley Dollard 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

253452