KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1100439

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:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [x] 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 Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-045-21832-00-00
Spot Description:
NW - SE - NE - SE Sec. 2 Twp. 15 S. R. 20 [x] East [ ] West
1815 Feet from [ ] North / [x] South Line of Section
575 Feet from [x] East / [ ] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [ ] NW [x] 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 [x] 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:**
- [x] **Wireline Log Received**
- [ ] **Geologist Report Received**
- [ ] **UIC Distribution**

ALT [ ] I [x] II [ ] III **Approved by:** Deanna Garrison **Date:** 11/13/2012

Side Two

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☑ Yes ☐ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

Gamma Ray/Neutron/CCL

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Squirrel	840	+239

CASING RECORD ☐ New ☑ 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:
☐ Perforate
☐ Protect Casing
☐ Plug Back TD
☐ Plug Off Zone

Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
-			
-			

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	840-850 - 31 Perfs - 2" DML RTG		

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. 10/29/2012

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	1				

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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

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

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

Commenced Spudding:
9/25/2012

3	Lime	785
44	Shale & Lime	829
2	Lime	831
3	Shale	834
1	Shale & Lime	835
1	Shale	836
1	Sandy Shale	837
1	Sandy Shale & Sand	838
18	Core	856
84	Sandy Shale	940-TD

Core		
		838
6	Sand	844
1	Sandy Lime	845
1.5	Sand	846.5
3.5	Sand & Sandy Shale	850
2.5	Sand	852.5
3.5	Sandy Shale	856

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals D^2x.14xh
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 - RPMxd over SPMxR
d - SPMxRxD over RPM
SPM - RPMXD over RxD
R - RPMXD over SPMxD

BELT LENGTH - $2C + 1.57(D + d) + \frac{(D-d)^2}{4C}$

* Need these to figure belt length

TO FIGURE AMPS: $\frac{\text{WATTS}}{\text{VOLTS}}$ = AMPS

746 WATTS equal 1 HP

Log Book

Well No. A-3

Farm Baldwin West

KS (State) Douglas (County)

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

For Altavista Energy (Well Owner)

Town Oilfield Services, Inc.
1207 N. 1st East
Louisburg, KS 66053
913-710-5400

Baldwin West Farm: Douglas County

KS State; Well No. A-3

Elevation 1079

Commenced Spuding Sept 25 20 12

Finished Drilling Sept 27 20 12

Driller's Name Wesley Dollard

Driller's Name

Driller's Name

Tool Dresser's Name Ryan Ward

Tool Dresser's Name Colt Stone

Tool Dresser's Name

Contractor's Name TOS

2 15 20

(Section) (Township) (Range)

Distance from S line, 1815 ft.

Distance from E line, 575 ft.

15 sacks

1 core

14 hrs

CASING AND TUBING RECORD

10" Set		10" Pulled	
8" Set		8" Pulled	
~~6¼~~" Set	47	6¼" Pulled	
4" Set		4" Pulled	
2" Set		2" Pulled	

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
863.	95	Baffle			
894.	85	float			
833.	15	Seat nipple			
				2	7/8

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	Hertha
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 - Pert
18	Core	856	
84	Sandy shale	940	no Oil - TD

Core

Thickness of Strata	Formation	Total Depth	Remarks
		838	
6	sand	844	solid Oil - poor saturation
1	sandy lime	845	no Oil
1.5	sand	846.5	solid Oil - poor saturation
3.5	sand & sandy shale	850	broken - 50% Oil
2.5	sand	852.5	5% Oil - laminated
3.5	sandy shale	856	no Oil

+ Pay

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 Page 1

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

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

TICKET NUMBER 34940
LOCATION Ottawa
FOREMAN Alan Mader

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-27-12	3244	Baldwin West A-3	SE 8	15	20	OG

CUSTOMER: Altavista Energy
MAILING ADDRESS: P.O. Box 128
CITY: Wellsville | STATE: KS | ZIP CODE: 66092

TRUCK #	DRIVER	TRUCK #	DRIVER
516	Alan Mad	Safety	Meet
368	Der Nas	DM	
369	Mik Hag	MH	
558	Bre Man	BM	

JOB TYPE long string | HOLE SIZE 5 5/8 | 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 conditioner 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 bottle. Well held 800 P.S.I. Set float. Closed Valve.

TOS, Wes

Alan Mader

ACCOUNT CODE	QUANITY 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 vac	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	136.99
				ESTIMATED TOTAL	3608.55

Completed

Ravin 3737

AUTHORIZTION _____ 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

253302