Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1257603

Form ACO-1
August 2013
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
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #: ____
☐ Dual Completion Permit #: ____
☐ SWD Permit #: ____
☐ ENHR Permit #: ____
☐ GSW Permit #: ____

04/28/2015	04/29/2015	04/29/2015
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-121-31006-00-00
Spot Description: ____
SW NW SW NE Sec. 17 Twp. 16 S. R. 24 ☑ East ☐ West
3465 Feet from ☐ North / ☑ South Line of Section
2475 Feet from ☑ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW

GPS Location: Lat: ____ *(e.g. xx.xxxxx)* , Long: ____ *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Miami
Lease Name: Nevius Well #: A-11
Field Name: ____
Producing Formation: Squirrel
Elevation: Ground: 1046 Kelly Bushing: 1046
Total Vertical Depth: 740 Plug Back Total Depth: 687
Amount of Surface Pipe Set and Cemented at: 23 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: ____ Feet
If Alternate II completion, cement circulated from: 719
feet depth to: 0 w/ 89 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 20 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

☐ **Confidentiality Requested**
Date: ____
☐ **Confidential Release Date:** ____
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 07/13/2015

1257603

Operator Name: Altavista Energy, Inc. Lease Name: Nevius Well #: A-11

Sec. 17 Twp. 16 S. R. 24 ☑ East ☐ West County: Miami

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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

List All E. Logs Run:

Gamma Ray/Neutron/CCL

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

Name	Top	Datum
Squirrel	658	+388

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	17	23	Portland	4	NA
Production	5.625	2.875	7	719	50/50 Poz	89	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	-			
	-			

Did you perform a hydraulic fracturing treatment on this well? ☑ Yes ☐ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☑ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

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	658-672 - 44 Perfs - 2" DML RTG		

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

Date of First, Resumed Production, SWD or ENHR. 06/01/2015

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

Miami County, KS
Well: Nevius A-11
Lease Owner: Altavista Energy

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

Commenced Spudding:
4-28-2015

WELL LOG

Thickness of Strata	Formation	Total Depth
0 - 8	Soil - Clay	8
1	Lime	9
3	Clay	12
2	Shale	14
3	Lime	17
56	Shale	73
31	Lime	104
1	Shale	105
12	Lime	117
18	Shale	135
12	Lime	147
27	Shale	174
4	Lime	178
39	Shale	217
11	Lime	228
15	Shale	243
25	Lime	268
7	Shale	275
21	Lime	296
4	Shale	300
2	Lime	302
5	Shale	307
8	Lime	315
31	Shale	346
14	Sand	360
15	Sandy Shale	375
134	Shale	509
6	Lime	515
2	Shale	517
5	Lime	522
5	Shale	527
10	Lime	537
18	Shale	555
3	Lime	558
10	Shale	568
6	Lime	574
74	Shale	648
1	Lime	649
8	Shale	657
1	Sand	658

Miami County, KS
Well: Nevius A-11
Lease Owner: Altavista Energy

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

Commenced Spudding:
4-28-2015

19.5	Core	677.5
18.5	Sandy Shale	696
44	Shale	740 TD

Core		
		658
3.5	Sand	661.5
5	Sand	666.5
0.5	Limey Sand	667
3.5	Sand	670.5
7	Sandy Shale	677.5

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-11

Farm Nevins

KS (State) Miami (County)

17 (Section) 16 (Township) 24 (Range)

For Altavista Energy Inc (Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Nevius Farm: Miami County

KS State; Well No. A-11

Elevation 1046

Commenced Spuding 4-28 20 15

Finished Drilling 4-29 20 15

Driller's Name Wesley Dollard

Driller's Name

Driller's Name

Tool Dresser's Name Ryan Ward

Tool Dresser's Name

Tool Dresser's Name

Contractor's Name TOS

17 16 24

(Section) (Township) (Range)

Distance from S line, 3465 ft.

Distance from E line, 2475 ft.

4 sacks 2 7/8 casing

1 core

9 hrs

5 5/8 borehole

CASING AND TUBING RECORD

10" Set		10" Pulled	
8" Set		8" Pulled	
7 0/4" Set	23	6¼" Pulled	
4" Set		4" Pulled	
2" Set		2" Pulled	

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
655.	60	Seat nipple			
687.	40	Baffle			2 7/8
719.	20	Float			
740	TD				

Thickness of Strata	Formation	Total Depth	Remarks
0-8	soil-clay	8	
1	Lime	9	
3	clay	12	
2	Shale	14	
3	Lime	17	
56	Shale	73	
31	Lime	104	
1	Shale	105	
12	Lime	117	
18	Shale	135	
12	Lime	147	
27	Shale	174	
4	Lime	178	
39	Shale	217	
11	Lime	228	
15	Shale	243	
25	Lime	268	
7	Shale	275	
21	Lime	296	
4	Shale	300	
2	Lime	302	
5	Shale	307	
8	Lime	315	Hertha
31	Shale	346	
14	Sand	360	broken - Heavy Oil
15	Sandy Shale	375	
134	Shale	509	

509

Thickness of Strata	Formation	Total Depth	Remarks
6	Lime	515	
2	Shale	517	
5	Lime	522	
5	Shale	527	
10	Lime	537	
16	Shale	555	
3	Lime	558	
10	Shale	566	
6	Lime	574	
74	Shale	646	
1	Lime	649	
8	Shale	657	
1	Sand	658	broken Oil
19.5	Core	677.5	page 6
18.5	Sandy shale	696	
44	Shale	740	TD

Thickness of Strata	Formation	Total Depth	Remarks
	Core		
		658	
3.5	Sand	661.5	broken oil
5	Sand	666.5	solid oil
.5	limey sand	667	no Oil
3.5	Sand	670.5	broken - mostly sol. oil
7	Sandy Shale	677.5	

good show

Perf

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.Box884
Chanute,KS 66720
620/431-9210,1-800/467-8676
Fax 620/431-0012

Invoice

Invoice# 804115

Invoice Date: 04/30/15 Terms: Net 30 Page 1

ALTAVISTA ENERGY INC

4595 K-33 HWY, PO BOX 128
WELLSVILLE KS 66092
USA

7858834057

NEVISA # A-11

Part No	Description	Quantity	Unit Price	Discount(%)	Total
5401	Cement Pumper	1.000	1,085.0000	30.000	759.50
5406	Mileage Charge	30.000	4.2000	30.000	88.20
5402	Casing Footage	719.000	0.0000	0.000	0.00
5407	Min. Bulk Delivery Charge	1.000	368.0000	30.000	257.60
5502C	80 Vacuum Truck Cement	1.500	100.0000	30.000	105.00
1124	Poz Cement Mix	89.000	11.5000	30.000	716.45
1118B	Premium Gel / Bentonite	250.000	0.2200	30.000	38.50
1111	Sodium Chloride (Granulated Salt)	180.000	0.3900	30.000	49.14
1110A	Kol Seal (50# BAG)	445.000	0.4600	30.000	143.29
4402	2 1/2 Rubber Plug	1.000	29.5000	30.000	20.65

Subtotal	3,111.90
Discounted Amount	933.57
SubTotal After Discount	2,178.33

Amount Due 3,217.69 If paid after 05/30/15

Tax:	74.05
Total:	2,252.38

CONSOLIDATED
Oil Well Services, LLC

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

Invoice#804115 2777 2701

TICKET NUMBER 50967
LOCATION Ottawa KS
FOREMAN Fred Mader

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-29-15	3244	Nevinson A-11	NE 17	16	24	Al

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

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Fre Mad		
495	Hav Bec		
675	Kei Dex		
558	Gar Mas		

JOB TYPE Longstring | HOLE SIZE | HOLE DEPTH 740 | CASING SIZE & WEIGHT 2 7/8 EUE
CASING DEPTH 719 | DRILL PIPE Baffle in | TUBING @ 687 | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING 31' + Plug
DISPLACEMENT 4.1 BBL | DISPLACEMENT PSI | MIX PSI | RATE 4 BPM

REMARKS: Hold Safety Meeting. Establish pump rate. Mix & Pump 100# Gel Flush. Mix & Pump 89 SKS 50/50 Por Mix Cement 2% Gel 5% Salt 5# Kol Seal/sk. Cement to surface. Flush pump & lines clean. Displace 2½" Rubber plug to Baffle. Pressure to 800# PSI. Release pressore to set Float Valve. Shut in Casing.

T&S Drilling — Fred Mader

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1085.00	
5406	30 mi	MILEAGE	495	126.00	
5402	719	Casing Footage		N/C	
5407	Minimum	Ton Miles	558	368.00	
5502C	1½ hr	80 BBL Vac Truck	675	150.00	
		Sub Total		1729.00	
		Less 30%		-518.70	1210.30
1124	89 Sks	50/50 Por Mix Cement		1023.50	
1118B	250#	Premium Gel		55.00	
1111	180#	Granulated Salt		70.20	
1110A	445#	Kol Seal		204.20	
4402	1	2½" Rubber Plug		29.50	
		Material		1382.90	
		Less 30%		-414.87	968.03
			7.65%	SALES TAX	74.05
				ESTIMATED TOTAL	2252.38

Completed

Ravin 3737

AUTHORIZTION Bryan Mader TITLE DATE (3217.69)

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.