Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1256591

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 #:

05/01/2015	05/04/2015	05/04/2015
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-121-31012-00-00
Spot Description:
SE NW SW NE Sec. 17 Twp. 16 S. R. 24 ☑ East ☐ West
3465 Feet from ☐ North / ☑ South Line of Section
2145 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 #: AI-13
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 1032 Kelly Bushing: 1032
Total Vertical Depth: 651 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 24 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from:
feet depth to: w/ 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:** 07/06/2015

1256591

Operator Name: Altavista Energy, Inc. Lease Name: Nevius Well #: AI-13

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:

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

Name	Top	Datum
Squirrel	632	+400

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	24	Portland	5	NA

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

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

Date of First, Resumed Production, SWD or ENHR. Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

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

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 AI-13
Lease Owner: Altavista Energy

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

Commenced Spudding:
5-1-2015

WELL LOG

Thickness of Strata	Formation	Total Depth
0 - 25	Soil - Clay	25
19	Shale	44
44	Lime	88
20	Shale	108
9	Lime	117
29	Shale	146
4	Lime	150
35	Shale	185
1	Lime	186
3	Shale	189
10	Lime	199
15	Shale	214
25	Lime	239
7	Shale	246
20	Lime	266
5	Shale	271
2	Lime	273
6	Shale	279
7	Lime	286
8	Shale	294
1	Sand	295
2	Sand	297
2	Sand	299
1	Sand	300
17	Shale	317
10	Sand	327
13	Sandy Shale	340
140	Shale	480
6	Lime	486
3	Shale	489
17	Lime	506
20	Shale	526
3	Lime	529
10	Shale	539
4	Lime	543
9	Shale	552
6	Lime	558
72	Shale	630
1	Sandy Shale	631
1	Sand	632

Miami County, KS
Well: Nevius AI-13
Lease Owner: Altavista Energy

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

Commenced Spudding:
5-1-2015

19	Core	651

Core		
	Dry	632
1	1" inch oil	633
1	Dry	634
1	3" Oil	635
	Dry	651

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. A1-13

Farm Nevius

KS (State) Miami (County)

17 (Section) 10 (Township) 24 (Range)

For DE (Well Owner)

Dry Hole

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Nevius Farm: Miami County

KS State; Well No. AI-13

Elevation 1032

Commenced Spuding May 1 20 15

Finished Drilling May 4 20 15

Driller's Name Jeff Town

Driller's Name Wes Dollard

Driller's Name Kenny Gann

Tool Dresser's Name

Tool Dresser's Name

Tool Dresser's Name

Contractor's Name TOS

17 | 19 | 24
(Section) | (Township) | (Range)

Distance from S line, 3465 ft.

Distance from E line, 2145 ft.

Core

CASING AND TUBING RECORD

SSC

10" Set		10" Pulled	
8" Set		8" Pulled	
6¼" Set	23.6	6¼" Pulled	
4" Set		4" Pulled	
2" Set		2" Pulled	

Dry Hole

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.

Thickness of Strata	Formation	Total Depth	Remarks
0-25	soil- clay	25	
19	Shale	44	
44	Lime	88	
20	Shale	108	
9	Lime	117	
29	Shale	146	
4	Lime	150	
35	Shale	185	
1	Lime	186	
3	Shale	189	
10	Lime	199	
15	Shale	214	
25	Lime	239	Wanterset
7	Shale	246	
20	Lime	266	Bethany Falls
5	Shale	271	
2	Lime	273	KC
6	Shale	279	
7	Lime	286	Hertha
8	Shale	294	
1	Sand	295	Odor, Good Bleed
2	Sand	297	Sep oil
2	Sand	299	Solid, Oil
1	Sand	300	Broken, 20%
17	Shale	317	
10	Sand	327	OK Bleed, Odor, Broken
13	Sandy Shale	340	NO OIL

340

Thickness of Strata	Formation	Total Depth	Remarks
140	Shale	480	Red Bed 475-480
6	Lime	486	
3	Shale	489	
17	Lime	506	
20	Shale	526	
3	Lime	529	
10	Shale	539	
4	Lime	543	
9	Shale	552	
6	Lime	558	
72	Shale	630	
1	Sandy Shale	631	
1	Sand	632	Slight odor, 10% oil
19	Core	651	Dry Hole

Thickness of Strata	Formation	Total Depth	Remarks
632	Dry		
633	1" inch oil		
634	Dry		
635	3" oil		
	Dry		
651			

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# 804212

Invoice Date: 05/19/15 Terms: Net 30 Page 1

ALTAVISTA ENERGY INC

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

7858834057

NEVIDS AI-13

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0457	Cement Pump Charge 8001' - 9000'	1.000	1,085.0000	30.000	759.50
CE0002	Equipment Mileage Charge - Heavy Equipment	30.000	4.2000	30.000	88.20
CE0711	Minimum Cement Delivery Charge	1.000	368.0000	30.000	257.60
WE0853	80 BBL Vacuum Truck (Cement Services)	1.500	100.0000	30.000	105.00
CC5840	Poz-Blend I A (50:50)	49.000	11.5000	30.000	394.45
CC5965	Bentonite	247.000	0.2200	30.000	38.04

Subtotal	2,346.84
Discounted Amount	704.05
SubTotal After Discount	1,642.79

Amount Due 2,394.10 If paid after 06/18/15

Tax:	33.09
Total:	1,675.88

CONSOLIDATED
Oil Well Services, LLC

2841
Invoice #804212 2765

TICKET NUMBER 50927
LOCATION Ottawa
FOREMAN Alan 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
3-4-15	3244	Nevins A.J-13	NE 17	16	24	Mi

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

TRUCK #	DRIVER	TRUCK #	DRIVER
730	Ala Mad	Safety Meet	
368	Arl Ned		
675	Kei Det		
804	Dan Mac		

JOB TYPE Plug | HOLE SIZE 5 5/8 | HOLE DEPTH 650 | CASING SIZE & WEIGHT
CASING DEPTH | DRILL PIPE | TUBING drill steel 650 | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING
DISPLACEMENT | DISPLACEMENT PSI | MIX PSI | RATE 4 bpm

REMARKS: Held Meeting Established rate. Mixed & pumped 10 sk 50/50 cement plus 6% gel. Pulled drill steel to 300. Mixed & pumped 39 sk more cement. Circulated cement to surface. Pulled steel out. Topped off well

49 sk total

Alan Mader

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5405N	CE0457 1	PUMP CHARGE	368	1085.00	
5406	CE0002 30	MILEAGE	368	126.00	
5407	CE0711 min	ton miles	804	368.00	
5502C	CE0853 1 1/2	80 vac	675	150.00	
		equipment		1729.00	
		less 30%		-518.70	1210.30
1124	CC5840 49 sk	50/50 cement		563.50	
1118B	CC5965 247	gel		34.34	
		material		617.84	
		less 30%		185.35	432.49
				SALES TAX	33.09
				ESTIMATED TOTAL	1675.88

(2394.10)

Completed

Ravin 3737

AUTHORIZTION Bryan Mader 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.