Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1262567

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 #:

07/06/2015	07/13/2015	07/13/2015
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-121-31055-00-00
Spot Description:
NW NW NW SW Sec. 30 Twp. 16 S. R. 24 ☑ East ☐ West
2475 Feet from ☐ North / ☑ South Line of Section
5730 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: Rebel Well #: A-1
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 1031 Kelly Bushing: 1031
Total Vertical Depth: 720 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 20 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: 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

☐ **Confidentiality Requested**
Date:
☐ **Confidential Release Date:**
☐ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 08/28/2015

1262567

Operator Name: Altavista Energy, Inc. Lease Name: Rebel Well #: A-1

Sec. 30 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	660	+371

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	12.25	8.625	25	20	Portland	6	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: Rebel A-1
Lease Owner: Altavista Energy

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

Commenced Spudding:
7-6-2015

WELL LOG

Thickness of Strata	Formation	Total Depth
0 - 6	Soil - Clay	6
23	Lime	29
3	Shale	32
15	Lime	47
25	Shale	72
18	Lime	90
17	Shale	107
4	Lime	111
38	Shale	149
13	Lime	162
14	Shale	176
11	Lime	187
4	Shale	191
11	Lime	202
8	Shale	210
19	Lime	229
4	Shale	233
2	Lime	235
1	Shale	236
13	Lime	249
4	Shale	253
1	Limey Sand	254
8	Sand	262
2	Sand	264
12	Shale	276
5	Sandy Shale	281
5	Shale	286
6	Sandy Shale	292
77	Shale	369
6	Sandy Shale	375
34	Shale	409
1	Lime	410
19	Shale	429
1	Lime	430
19	Shale	449
6	Lime	455
3	Shale	458
2	Lime	460
10	Shale	470
8	Lime	478

Miami County, KS
Well: Rebel A-1
Lease Owner: Altavista Energy

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

Commenced Spudding:
7-6-2015

3	Shale	481
4	Sand	485
11	Shale	496
5	Lime	501
7	Shale	508
4	Lime	512
7	Shale	519
1	Lime	520
4	Shale	524
7	Lime	531
12	Shale	543
4	Lime	547
8	Shale	555
1	Lime	556
8	Shale	564
8	Sand	572
1	Limey Sand	573
67	Sand	640
9	Shale	649
2	Lime	651
9	Shale	660
4	Sand	664
8	Sandy Shale	672
2	Shale & Lime	674
46	Shale	720 TD

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-1

Farm Rebel

KS (State) Miami (County)

30 (Section) 16 (Township) 24 (Range)

For Altavista Energy (Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Rebel Farm: Miami County

KS State; Well No. A-1

Elevation 1031

Commenced Spuding 7-6 20 15

Finished Drilling 7-13 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

30 16 24

(Section) (Township) (Range)

Distance from S line, 2475 ft.

Distance from E line, 5730 ft.

6 sacks
plugged - dry hole
6 3/4 borehole

CASING AND TUBING RECORD

10" Set		10" Pulled	
8" 5/8 Set	20	8" Pulled	
6¼" Set		6¼" Pulled	
4" Set		4" Pulled	
2" Set		2" Pulled	

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
720	TD	plugged			

Thickness of Strata	Formation	Total Depth	Remarks
0-6	soil-clay	6	
23	Lime	29	
3	Shale	32	
15	Lime	47	
25	Shale	72	
18	Lime	90	
17	Shale	107	redbed
4	Lime	111	
38	Shale	149	
13	Lime	162	
14	Shale	176	
11	Lime	187	
4	Shale	191	
11	Lime	202	
8	Shale	210	
19	Lime	229	
4	Shale	233	
2	Lime	235	
1	Shale	236	
13	Lime	249	Hertha
4	Shale	253	
1	limey sand	254	
8	Sand	262	gas
2	Sand	264	grey
12	Shale	276	
5	Sandy Shale	281	
5	Shale	286	

286

Thickness of Strata	Formation	Total Depth	Remarks
6	sandy shale	292	
77	shale	369	
6	sandy shale	375	
34	shale	409	
1	Lime	410	
19	shale	429	
1	Lime	430	
19	Shale	449	
6	Lime	455	
3	Shale	458	
2	Lime	460	
10	Shale	470	
8	Lime	478	odor
3	Shale	481	
4	sand	485	odor
11	Shale	496	
5	Lime	501	
7	Shale	508	
4	Lime	512	
7	shale	519	
1	lime	520	
4	Shale	524	
7	Lime	531	
12	shale	543	
4	Lime	547	
8	Shale	555	
1	Lime	556	

5560

Thickness of Strata	Formation	Total Depth	Remarks
8	Shale	564	
8	Sand	572	gas - water
1	limey sand	573	
67	Sand	640	gas - water
9	Shale	649	
2	Lime	651	
9	Shale	660	
4	Sand	664	gray
8	Sandy shale	672	
2	Shale & lime	674	
46	Shale	720	TD - dry hole - plugged 7-13-15

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# 804979

Invoice Date: 07/20/15 Terms: Net 30 Page 1

ALTAVISTA ENERGY INC

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

7858834057

REBEL # A-1

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	46.000	810.00
CE0002	Equipment Mileage Charge - Heavy Equipment	30.000	7.1500	46.000	115.83
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	46.000	356.40
WE0853	80 BBL Vacuum Truck (Cement Services)	2.000	100.0000	46.000	108.00
CC5840	Poz-Blend I A (50:50)	90.000	13.5000	46.000	656.10
CC5965	Bentonite	454.000	0.3000	46.000	73.55

Subtotal	3,925.70
Discounted Amount	1,805.82
SubTotal After Discount	2,119.88

Amount Due 4,033.80 If paid after 08/19/15

Tax:	58.37
Total:	2,178.25

CONSOLIDATED
Oil Well Services, LLC

Invoice # 804979 3519 / 3445

TICKET NUMBER 49709
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
7-13-15	3244	Rebel # A-1	NW 30	16	24	MI

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

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Fre Mad		
368	Arl McD		
675	Kei Dea		
510	Tro Hor		

JOB TYPE Plug HOLE SIZE ~~5 7/8~~ 6 3/4 HOLE DEPTH 720' CASING SIZE & WEIGHT N/A
CASING DEPTH ____ DRILL PIPE ____ TUBING ____ OTHER ____
SLURRY WEIGHT ____ SLURRY VOL ____ WATER gal/sk ____ CEMENT LEFT in CASING Full
DISPLACEMENT N/A DISPLACEMENT PSI ____ MIX PSI ____ RATE 1-1½ BPM

REMARKS: Held Safety meeting. Rig run 1" tubing to TD. Spot 30 sks @ TD. Pull to 500'. Spot 20 SKS Cement, Pull 1" to 250' Fill to surface w/ Cement. Pull remaining 1" tubing. Top off well w/ Cement. Wash out 1" Tubing

Total 90 SKS Poz Blend I A Cement 6% Gel.

TOS Drilling. Fred Mader

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	368	1500.00	
CE0002	30 mi	MILEAGE	368	214.20	
CE0711	Minimum	Ton Miles Delivery	510	660.00	
WE0853	2 hrs	80 BBL Vac Truck	675	200.00	
		Less 46%		2574.20	
				-1184.27	1390.23
CC5840	90 sks	Poz Blend I A Cement		1215.00	
CC5965	454#	Bentonite Gel		136.20	
		Sub Total		1351.20	
		Less 46%		-621.55	729.65
			8%	SALES TAX	58.37
				ESTIMATED TOTAL	2178.25

Ravin 3737

AUTHORIZTION Bryan Miller TITLE ____ DATE ____ (4033.80)

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