

Confidentiality Requested:

☐ Yes ☒ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1251468

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 #:

04/16/2015 04/17/2015 04/17/2015
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-121-30983-00-00

Spot Description:

SW_NW_NW_NW Sec. 17 Twp. 16 S. R. 24 ☒ East ☐ West
4785 Feet from ☐ North / ☒ South Line of Section
5115 Feet from ☒ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☒ SE ☐ SW

GPS Location: Lat: , Long:
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: Miami

Lease Name: Barkis Well #: A-11

Field Name:

Producing Formation: Squirrel

Elevation: Ground: 1071 Kelly Bushing: 1071

Total Vertical Depth: 683 Plug Back Total Depth:

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:

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: 05/07/2015



1251468

Operator Name: Altavista Energy, Inc. Lease Name: Barkis 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 (Attach Additional Sheets)	☐ Yes ☒ No	☒ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☐ Yes ☒ No	Name Squirrel	Top 664	Datum +407
Cores Taken	☒ Yes ☐ No			
Electric Log Run	☐ Yes ☒ No			
List All E. Logs Run:				

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

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 <i>(Amount and Kind of Material Used)</i>		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 <i>(Explain)</i> _____			
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: _____ _____
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Miami County, KS
Well: Barkis A-11
Lease Owner: Altavista Energy

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

Commenced Spudding:
4-16-2015

WELL LOG

Thickness of Strata	Formation	Total Depth
0 - 4	Soil - Clay	4
3	Lime	7
23	Shale	30
14	Lime	44
69	Shale	113
20	Lime	133
13	Shale	146
9	Lime	155
4	Shale	159
12	Sandy Shale	171
17	Shale	188
4	Lime	192
39	Shale	231
11	Lime	242
15	Shale	257
25	Lime	282
8	Shale	290
19	Lime	309
4	Shale	312
2	Lime	314
7	Shale	321
8	Lime	329
18	Shale	347
5	Sandy Shale	352
16	Shale	368
5	Sand	373
27	Sandy Shale	400
132	Shale	532
11	Lime	543
17	Shale	560
5	Lime	565
7	Shale	572
4	Lime	576
5	Shale	581
1	Lime	582
2	Shale	584
7	Lime	591
19	Shale	610
2	Lime	612
51	Shale	663

Lease Owner: Altavista Energy

(913) 837-8400

4-16-2015

[illegible]

[illegible][illegible]

Short Cuts

TANK CAPACITY

BBLs. (42 gal.) equals $D^2 \times .14 \times h$

D equals diameter in feet.

h equals height in feet.

BARRELS PER DAY

Multiply gals. per minute x 34.2

HP equals BPH 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 - $RPM \times d$ 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-11

Farm Barkis

KS Miami
(State) (County)

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

For Altavista Energy inc
(Well Owner)

**Town Oilfield
Services, Inc.**

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

10. *Journal of the American Medical Association*, 2000; 283: 2686-2692.

Thickness of Strata	Formation	Total Depth	Remarks
0-4	soil-clay	4	
3	Lime	7	
23	Shale	30	
14	Lime	44	
69	Shale	113	
20	Lime	133	
13	Shale	146	
9	Lime	155	
4	Shale	159	
12	sandy shale	171	
17	Shale	188	red bed
4	Lime	192	
39	Shale	231	
11	Lime	242	
15	Shale	257	
25	Lime	282	
8	Shale	290	
19	Lime	309	
4	Shale	312	
2	Lime	314	
7	Shale	321	
8	Lime	329	Hertha
18	Shale	347	
5	sandy shale	352	
16	Shale	368	
5	sand	373	heavy oil
27	sandy shale	400	

-5-



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# 804039

Invoice Date: 04/21/15 Terms: Net 30 Page 1

ALTAVISTA ENERGY INC

4595 K-33 HWY, PO BOX 128
WELLSVILLE KS 66092
USA
7858834057

BARKIS # A-11

Part No	Description	Quantity	Unit Price	Discount(%)	Total
5405N	P & A New Wells	1.000	1,085.0000	30.000	759.50
5406	Mileage Charge	30.000	4.2000	30.000	88.20
5407	Min. Bulk Delivery Charge	1.000	368.0000	30.000	257.60
5502C	80 Vacuum Truck Cement	2.000	100.0000	30.000	140.00
1124	Poz Cement Mix	62.000	11.5000	30.000	499.10
1118B	Premium Gel / Bentonite	312.000	0.2200	30.000	48.05

Subtotal 2,560.64

Discounted Amount 768.19

SubTotal After Discount 1,792.45

Amount Due 2,620.44 If paid after 05/21/15

Tax: 41.86

Total: 1,834.31



INVOICE # 804039 *2703/2633* TICKET
FIELD TICKET & TREATMENT REPORT LOC
CEMENT FOR

TICKET NUMBER 50924

LOCATION Offguts

FOREMAN Alan Maden

CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY
4-17-15	3244	Banks # A-11		NW 17	16	22	MI
CUSTOMER							
Altavista Energy							
MAILING ADDRESS							
P.O. Box 128							
CITY		STATE	ZIP CODE				
Wellsville		KS	66092				

JOB TYPE <u>Plugging</u>	HOLE SIZE <u>5 1/8</u>	HOLE DEPTH <u>693</u>	CASING SIZE & WEIGHT _____
CASING DEPTH _____	DRILL PIPE _____	TUBING <u>1" 675</u>	OTHER _____
SLURRY WEIGHT _____	SLURRY VOL _____	WATER gal/sk _____	CEMENT LEFT, in CASING <u>#693</u> <u>yes</u>
DISPLACEMENT _____	DISPLACEMENT PSI _____	MIX PSI _____	RATE <u>16 gal/min</u>

REMARKS: Held Meeting, washed 1" to 675'. Mixed & pumped 10 sk. 50/50 cement plus 6% gel to fill 50' of hole. Pulled 1" to 350'. Mixed & pumped another 10 sk. Pulled to 250' & filled to surface. Pulled 1" out & topped off hole.

625K 50/50 cement, 6% gel total

42

Alan Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N ✓	1	PUMP CHARGE	368 1085 ⁰⁰	
5406 ✓	30	MILEAGE	368 126 ⁰⁰	
5407 ✓	m/a	ten miles	510 368 ⁰⁰	
5502L ✓	2	RD usage	370 ⁹²⁰ 00	
		equipment less 30%	1779 ⁰⁰ 533.70	1245.30
1124 ✓	62	50/50 cement	713 ⁰⁰	
1118B ✓	312	grl	68.64	
		material less 30%	781.64 - 234.49	547.15
			Sales Tax	W1.86-

Ravin 3737

AUTHORIZATION

TITLE

DATE _____

**ESTIMATED
TOTAL**

4L86-
1834.3 M

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.