



KANSAS CORPORATION COMMISSION 1060810
OIL & GAS CONSERVATION DIVISION

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: Coffeyville Resources

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
☐ Conv. to GSW
☐ Plug Back: Plug Back Total Depth
☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

03/10/2011 03/15/2011 03/15/2011
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-121-28842-00-00

Spot Description:
SW NE NE SW Sec. 10 Twp. 19 S. R. 24 ☒ East ☐ West
2020 Feet from ☐ North / ☒ South Line of Section
3150 Feet from ☒ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☒ SE ☐ SW

County: Miami

Lease Name: Middaugh Well #: A-43

Field Name: Black

Producing Formation: Peru

Elevation: Ground: 832 Kelly Bushing: 832

Total Depth: 219 Plug Back Total Depth: 179

Amount of Surface Pipe Set and Cemented at: 43 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set: Feet

If Alternate II completion, cement circulated from: 209

feet depth to: 0 w/ 48 sx cmf.

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

- ☐ Letter of Confidentiality Received
Date:
☐ Confidential Release Date:
☒ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution
ALT ☐ I ☒ II ☐ III Approved by: Deanna Garriso Date: 08/08/2011



1060810

Operator Name: Altavista Energy, Inc. Lease Name: Middaugh Well #: A-43
 Sec. 10 Twp. 19 S. R. 24 ☒ East ☐ West County: Miami

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
 Peru 139 +693

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	20	43	Portland	2	NA
Production	6.75	4.5	10	209	50/50 Poz	48	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	-			

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	139-146 - 22 Perfs - 3.375 DP 23 Gr. T. ECG		

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. 06/14/2011		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____				
Estimated Production Per 24 Hours	Oil Bbls. 2	Gas Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Miami County, KS Town Oilfield Service, Inc.
Well: Middaugh A43 (913) 837-8400
Lease Owner: Future Investment Properties, LLC

(913) 837-8400

3/10/2011

WELL LOG

[illegible]

Thickness of Strata	Formation	Total Depth	Remarks
30	Soil/Clay	30	
68	Shale	98	Oil at 85'
2	Coal	100	
7	Shale	107	
10	Red Bed	117	
5	Shale	122	
8	Red Bed	130	
4	Shale	134	
5	Lime	139	
3	Sandy Lime	142	Oil
2	Lime	144	
2	Sandy Lime	146	Oil
1	Lime	147	
2	Sandy Lime	149	
1	Lime	150	
30	Shale	180	
10	Lime	190	
6	Shale	196	
9	Lime	205	
3	Shale	208	
	Lime	218	TD



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

TICKET NUMBER 27386

LOCATION Ottawa KS

FOREMAN Fred Mader

FIELD TICKET & TREATMENT REPORT

CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY
3/15/11	3244	Middaugh #A-43		Nw 10	19	24	M1
CUSTOMER Alta Vista Energy							
MAILING ADDRESS P.O. Box 128							
CITY Wellsville		STATE KS	ZIP CODE 66093				
				TRUCK #	DRIVER	TRUCK #	DRIVER
				506	Fred	Safety	MM
				368	Ken		O
				370	Arlen		
				501	Derek		

JOB TYPE <u>Long string</u>	HOLE SIZE <u>6 3/4</u>	HOLE DEPTH <u>219</u>	CASING SIZE & WEIGHT <u>4 1/2</u>
CASING DEPTH <u>208'</u>	DRILL PIPE <u>Baffle</u>	TUBING <u>179'</u>	OTHER _____
SLURRY WEIGHT _____	SLURRY VOL _____	WATER gal/sk _____	CEMENT LEFT in CASING <u>29' + Plug</u>
DISPLACEMENT <u>2.84 BBL</u>	DISPLACEMENT PSI _____	MIX PSI _____	RATE <u>4 BPM</u>

REMARKS: Establish circulation. Wash from pit to condition hole.
Mix + Pump 100# Premium Gel Flush. Mix + Pump 4 1/8 sks 50/50
Poz Mix Cement 2% Gel 5% Salt 5# Kal Seal/sk. Cement to
Surface. Flush pump + lines clean. Displace 4 1/2" Rubber plug
to ~~cas~~ Baffle in casing w/ 2 1/4 BALS Fresh water. Pressure
to 600# PSI. Release pressure to set float valve. Shut in casing

POWS Drilling

Fred Mader

[illegible]

Bayln 3737

AUTHORIZATION

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.