

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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 #: \_\_\_\_\_

4/20/2011	4/22/2011	4/22/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 121-28856-0000  
Spot Description: \_\_\_\_\_  
SW NW NE SW Sec. 10 Twp. 19 S. R. 24  East  West  
2,274 Feet from  North /  South Line of Section  
3,625 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Miami  
Lease Name: Middaugh Well #: AI-40  
Field Name: Black  
Producing Formation: Peru  
Elevation: Ground: 839 est Kelly Bushing: NA  
Total Depth: 198.0 Plug Back Total Depth: 172.5  
Amount of Surface Pipe Set and Cemented at: 43.0 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 192.5  
feet depth to: surface w/ 40 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls  
Dewatering method used: \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: [Signature]  
Title: Associate Date: 5/19/2011

KCC Office Use ONLY

Letter of Confidentiality Received

Date: JUN 02 2011

Confidential Release Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT  I  II  III Approved by: Dlg Date: 6/16/11

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Operator Name: Altavista Energy, Inc. Lease Name: Middaugh Well #: AI-40  
 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>Gamma Ray/Neutron/CCL</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Peru</td> <td>140.0'</td> <td>+699.0</td> </tr> </table>	Name	Top	Datum	Peru	140.0'	+699.0
Name	Top	Datum					
Peru	140.0'	+699.0					

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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"	NA	43.0	Portland	8	NA
Production	6.75"	4.5"	NA	192.5	50/50 Poz	40	See Service 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 <i>(Amount and Kind of Material Used)</i>	Depth
3 spf	140.0 to 154.0 - 45 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. <b>Pending Permit</b>	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls. <b>NA</b>	Gas Mcf	Water Bbls.	Gas-Oil Ratio <b>RECEIVED</b>
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: <b>KCC WICHITA</b>
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Thickness of Strata	Formation	Total Depth	Remarks
25	Soil/Clay	25	
76	Shale	101	
2	Coal	103	
10	Shale	113	
8	Red Bed	121	
6	Shale	127	
6	Red Bed	133	
1	Shale	134	
6	Sandy Shale	140	No oil
Perf 12	Sand	152	(140-46 Good, Lime 46-48)
3	Lime	155	48-52 Good Sand
31	Shale	186	
8	Lime	194	
4	Shale	198	TD

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JUN 02 2011  
KCC WICHITA



**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. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
FAX 620/431-0012

INVOICE

Invoice # 240883

Invoice Date: 04/27/2011 Terms: 0/0/30,n/30

Page 1

ALTAVISTA ENERGY INC  
4595 K-33 HIGHWAY  
P.O. BOX 128  
WELLSVILLE KS 66092  
(785) 883-4057

MIDDAUGH AI-40  
31889  
NW 10-19-24 MI  
04/22/2011  
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	40.00	10.4500	418.00
1118B	PREMIUM GEL / BENTONITE	68.00	.2000	13.60
1111	GRANULATED SALT (50 #)	78.00	.3500	27.30
1110A	KOL SEAL (50# BAG)	200.00	.4400	88.00
4404	4 1/2" RUBBER PLUG	1.00	42.0000	42.00
1143	SILT SUSPENDER SS-630,ES	.50	40.4000	20.20
1401	HE 100 POLYMER	.50	47.2500	23.63

Description	Hours	Unit Price	Total
368 CEMENT PUMP	1.00	975.00	975.00
368 EQUIPMENT MILEAGE (ONE WAY)	50.00	4.00	200.00
368 CASING FOOTAGE	192.00	.00	.00
369 80 BBL VACUUM TRUCK (CEMENT)	2.00	90.00	180.00
510 TON MILEAGE DELIVERY	93.00	1.26	117.18

Parts: 632.73 Freight: .00 Tax: 47.77 AR 2152.68  
Labor: .00 Misc: .00 Total: 2152.68  
Sublt: .00 Supplies: .00 Change: .00

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KCC WICHITA

Signed \_\_\_\_\_

Date \_\_\_\_\_

BARTLESVILLE, Ok  
918/338-0808

ELDORADO, KS  
316/322-7022

EUREKA, KS  
620/583-7664

GILLETTE, WY  
307/686-4914

OAKLEY, KS  
785/672-2227

OTTAWA, KS  
785/242-4044

THAYER, KS  
620/839-5269

WORLAND, WY  
307/347-4577



**CONSOLIDATED**  
Oil Well Services, LLC

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

TICKET NUMBER 31889  
LOCATION Ottawa KS  
FOREMAN Fred Mader

FIELD TICKET & TREATMENT REPORT  
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4/22/11	3244	Middaugh # AI-40	NW 10	19	24	MI
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Alta Vista Energy			506	Fred	Safety	Willy
MAILING ADDRESS			368	Ken	KA	
P.O. Box 128			369	Dever	DM	
CITY	STATE	ZIP CODE	510	Cecil	CHP	
Wellsville	KS	66092				

JOB TYPE Logstring HOLE SIZE 6<sup>3</sup>/<sub>4</sub> HOLE DEPTH 198 CASING SIZE & WEIGHT 4<sup>1</sup>/<sub>2</sub>  
CASING DEPTH 192 DRILL PIPE Battle TUBING 172' OTHER \_\_\_\_\_  
SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING 20' + Plug  
DISPLACEMENT 2.2388 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 RPM

REMARKS: Establish circulation. Mix + Pump 1/2 Gal ESA-41 + 1/2 Gal HE-100 Polymer Flush. Circulate from fresh pit to condition hole. Mix + Pump 40 SKS 50/50 Poz Mix cement 290 Gal 5% Salt 5# Kol Seal/sk. Cement to surface. Flush pump + lines clean. Displace 4 1/2" Rubber plug to Battle w/ 2.23 BBL Fresh water. Pressure to 600# PSI. Release pressure to set float valve. Shut in casing.

TOWS Drilling

Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		975 <sup>00</sup>
5406	50	MILEAGE		200 <sup>00</sup>
5402	192	Casing footage		N/C
5507A	93	Ten Miles		117 <sup>18</sup>
5507C	2 hrs	80 BBL Vac Truck		160 <sup>00</sup>
1124	40 SKS	50/50 Poz Mix Cement		418 <sup>00</sup>
118B	68#	Premium Gal		1360
111	78#	Granulated Salt		273 <sup>00</sup>
1110A	200#	Kol Seal		88 <sup>00</sup>
4404	1	4 1/2" Rubber Plug		420 <sup>00</sup>
1143	1/2 Gal	ESA-41		20 <sup>29</sup>
1401	1/2 Gal	HE-100 Polymer		23 <sup>53</sup>
		<u>WOT# 240883</u>		
		<u>7.55%</u>		
			RECEIVED JUN 02 2011 KCC WICHITA	47 <sup>21</sup>
			SALES TAX	
			ESTIMATED	
			TOTAL	<u>2152.68</u>

Ravin 3737

AUTHORIZATION [Signature]

TITLE \_\_\_\_\_

DATE 2/5/2011

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.