

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 #: _____

| 4/21/2011 | 4/22/2011 | 4/22/2011 |
|-----------------------------------|-----------------|---|
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 121-28858-0000

Spot Description: _____
SE NW NE SW Sec. 10 Twp. 19 S. R. 24 ☒ East ☐ West
2,037 Feet from ☐ North / ☒ South Line of Section
3,381 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-42

Field Name: Black

Producing Formation: Peru

Elevation: Ground: 833 est Kelly Bushing: NA

Total Depth: 198.0 Plug Back Total Depth: 175.0

Amount of Surface Pipe Set and Cemented at: 42.0 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: 195.0

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: _____

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: DG Date: 6/16/11

Operator Name: Altavista Energy, Inc. Lease Name: Middaugh Well #: AI-42
 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 134.0' +699.0

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" | NA | 42.0 | Class A | 35 | See Service Ticket |
| Production | 6.75" | 4.5" | NA | 195.0 | 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 (Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| 3 spf | 134.0 to 154.0 - 64 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 |
| Date of First, Resumed Production, SWD or ENHR. Pending Permit | Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____ | | | |
| Estimated Production Per 24 Hours | Oil Bbls. NA | 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) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL: _____ _____ |
|--|--|--|

Miami County, KS
Well:Middaugh AI-42

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

Commenced Spudding:
4/21/2011

WELL LOG

[illegible]

Middaugh Farm: Miami County

VS State; Well No. AT-42

Elevation 833

Commenced Spuding 4/21 2011

Finished Drilling 4-22 2011

Driller's Name Wes Ballard

Driller's Name Jeff Towner

Driller's Name Stephen Scott

Tool Dresser's Name _____

Tool Dresser's Name _____

Tool Dresser's Name _____

Contractor's Name THS

10 19 24

(Section) (Township) (Range)

Distance from S line 2070 ft.

Distance from E line 3400 ft.

4 hours
Consolidated

CASING AND TUBING RECORD

10" Set _____ 10" Pulled _____

8" Set 42 8" Pulled

6 1/4" Set _____ 6 1/4" Pulled _____

4" Set 195' 4" Pulled

2" Set 2" Pulled

175 Baffle 198 TD

CASING AND TUBING MEASUREMENTS

[illegible]

RECEIVED

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 # 240882

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

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

MIDDAUGH AI-42
31888
NW 10-19-24 MI
04/21/2011
KS

| Part Number | Description | Qty | Unit | Price | Total |
|-------------|-------------------------|-------|------|---------|--------|
| 1104S | CLASS "A" CEMENT (SALE) | 35.00 | | 14.2500 | 498.75 |
| 1118B | PREMIUM GEL / BENTONITE | 66.00 | | .2000 | 13.20 |

| Description | Hours | Unit | Price | Total |
|----------------------------------|-------|------|--------|--------|
| 370 80 BBL VACUUM TRUCK (CEMENT) | 2.00 | | 90.00 | 180.00 |
| 495 CEMENT PUMP (SURFACE) | 1.00 | | 775.00 | 775.00 |
| 495 EQUIPMENT MILEAGE (ONE WAY) | 50.00 | | 4.00 | 200.00 |
| 495 CASING FOOTAGE | 42.00 | | .00 | .00 |
| 548 MIN. BULK DELIVERY | 1.00 | | 330.00 | 330.00 |

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KCC WICHITA

Parts: 511.95 Freight: .00 Tax: 38.66 AR 2035.61
Labor: .00 Misc: .00 Total: 2035.61
Sublt: .00 Supplies: .00 Change: .00

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



FIELD TICKET & TREATMENT REPORT

TICKET NUMBER 31888
LOCATION @Hawa KS
FOREMAN Fred Mader

| | | | | | | |
|------------------|------------|--------------------|---------|----------|-----------|--------|
| DATE | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
| 4/21/11 | 3244 | Middaugh # AI-42 | NW 10 | 19 | 24 | MI |
| CUSTOMER | | | | | | |
| MAILING ADDRESS | | | TRUCK # | DRIVER | TRUCK # | DRIVER |
| Altavista Energy | | | 506 | Fred | Safety mg | |
| P.O. Box 128 | | | 495 | Navald | NAD | |
| CITY | STATE | ZIP CODE | 370 | Derek | DM | |
| Wellsville | KS | 66092 | 548 | Cecil | CHP | |

| | | | | | | | |
|---------------|---------|------------------|--------|--------------|----|-----------------------|-------|
| JOB TYPE | Surface | HOLE SIZE | 12 1/4 | HOLE DEPTH | 42 | CASING SIZE & WEIGHT | 6 5/8 |
| CASING DEPTH | 42' | DRILL PIPE | | TUBING | | OTHER | |
| SLURRY WEIGHT | | SLURRY VOL | | WATER gal/sk | | CEMENT LEFT in CASING | 10' + |
| DISPLACEMENT | 2 1/2 | DISPLACEMENT PSI | | MIX PSI | | RATE | 4 BPH |

REMARKS: Wash down 8'-10' 8 5/8" Casing. Mix & Pump 3.5 sks
Class A Cement 270 gal. Cement to Surface.
Displace 8 5/8" Casing clean-w/ 2 1/2 BBL Fresh
water. Shut in Casing.

TOWS Drilling

Lud Mader

[illegible]

| | | | |
|---------------|--------------------|--------------------|---------------------|
| Ravin 3737 | | ESTIMATED TOTAL | |
| AUTHORIZATION | <i>[Signature]</i> | TITLE | DATE <i>2035.61</i> |

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.



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 # 240884

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-42
31890
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) | .00 | 4.00 | .00 |
| 368 CASING FOOTAGE | 195.00 | .00 | .00 |
| 369 80 BBL VACUUM TRUCK (CEMENT) | 2.00 | 90.00 | 180.00 |
| 510 TON MILEAGE DELIVERY | 93.00 | 1.26 | 117.18 |

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KCC WICHITA

Parts: 632.73 Freight: .00 Tax: 47.77 AR 1952.68
Labor: .00 Misc: .00 Total: 1952.68
Sublt: .00 Supplies: .00 Change: .00

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 **31890**
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-42 | NW 10 | 19 | 24 | MI |
| CUSTOMER <u>Alta Vista Energy</u> | | | | | | |
| MAILING ADDRESS <u>P.O. Box 128</u> | | | | | | |
| CITY <u>Wellsville</u> | STATE <u>KS</u> | ZIP CODE <u>66092</u> | | | | |
| | | | TRUCK # | DRIVER | TRUCK # | DRIVER |
| | | | 506 | Fred | Safety | My |
| | | | 368 | Ken | KH | |
| | | | 369 | Derek | DM | |
| | | | 510 | Cecil | CHP | |

JOB TYPE Long string HOLE SIZE 6 3/4 HOLE DEPTH 198 CASING SIZE & WEIGHT 4 1/2
CASING DEPTH 195 DRILL PIPE Baffle @ 175' OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 20' + 4 1/2' Plug
DISPLACEMENT 2.78 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS: Establish circulation. Mix Pump 1/2 Gal ESA-41 + 1/2 Gal
HE-100 Polymer Flush. Circulate from Fresh Pit to condition
wale. Mix Pump 40 SKS 50/50 for mix Cement 2 1/2 Gal 5 1/2 Salt
5# Kol Seal/sk. Cement to surface. Flush pump & lines
clean. Displace 4 1/2" Rubber plug to casing Baffle in casing
w/ 2.78 BBLs 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 | | 925 ⁰⁰ |
| 5406 | 0 | MILEAGE Truck on lease. | | N/C |
| 5402 | 195 | Casing footage | | N/C |
| 5407A | 93 | Ten Miles | | 112 ¹⁸ |
| 5502C | 2 hrs | 80 BBL Vac Truck | | 180 ⁰⁰ |
| 1124 | 40 | 50/50 Por Mix Cement | | 418 ⁰⁰ |
| 1118B | 68 ⁰⁰ | Premium Gel | | 13 ⁶⁰ |
| 1111 | 78 ⁰⁰ | Granulated Salt | | 27 ³⁰ |
| 1110A | 200 ⁰⁰ | Kol Seal | | 68 ⁰⁰ |
| 4404 | 1 | 4 1/2" Rubber Plug | | 42 ⁰⁰ |
| 1193 | 1/2 Gal | ESA-41 | | 20 ²⁰ |
| 1401 | 1/2 Gal | HE-100 Polymer | | 23 ⁶³ |
| | | | RECEIVED | |
| | | | JUN 02 2011 | |
| | | WD #240884 | KCC WICHITA | |
| | | 7552 | SALES TAX | 4722 |
| | | | ESTIMATED TOTAL | 1952 ⁶⁸ |

Ravin 3737

AUTHORIZATION [Signature]

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.