



KANSAS CORPORATION COMMISSION 1091618
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:

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 #:

| 07/20/2012 | 07/24/2012 | 07/24/2012 |
|--------------------------------|-----------------|--------------------------------------|
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 15-045-21810-00-00
Spot Description:
NW SW SW NW Sec. 1 Twp. 15 S. R. 20 East West
3135 Feet from North / South Line of Section
5190 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Douglas
Lease Name: Johnson Well #: A-47
Field Name: Baldwin
Producing Formation: Squirrel
Elevation: Ground: 1020 Kelly Bushing: 1020
Total Depth: 920 Plug Back Total Depth: 823
Amount of Surface Pipe Set and Cemented at: 51 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 854
feet depth to: 0 w/ 105 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

Letter of Confidentiality Received
Date:
 Confidential Release Date:
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Gensior Date: 08/27/2012



1091618

Operator Name: Altavista Energy, Inc. Lease Name: Johnson Well #: A-47
 Sec. 1 Twp. 15 S. R. 20 East West County: Douglas

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 <i>(Attach Additional Sheets)</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Name | Top | Datum |
| Cores Taken | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Squirrel | 797 | +223 |
| Electric Log Run | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| Electric Log Submitted Electronically <i>(If no, Submit Copy)</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| List All E. Logs Run: | | | | |
| Gamma Ray/Neutron/CCL | | | | |

| CASING RECORD <input type="checkbox"/> New <input checked="" 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 | 9.875 | 7 | 20 | 51 | Portland | 8 | NA |
| Production | 5.625 | 2.875 | 6 | 854 | 50/50 Poz | 105 | 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 <i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
| 3 | 797-811 - 44 Perfs - 2" DML RTG | | |

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

| | |
|--|---|
| Date of First, Resumed Production, SWD or ENHR. <u>08/17/2012</u> | Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____ |
| Estimated Production Per 24 Hours | Oil Bbls. <u>3</u> 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 <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> <input type="checkbox"/> Other <i>(Specify)</i> _____ | PRODUCTION INTERVAL: _____ _____ |
|---|--|--|

Douglas County, KS
Well: Johnson A-47
Lease Owner: AltaVista

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

Commenced Spudding:
7/20/2012

WELL LOG

| Thickness of Strata | Formation | Total Depth |
|---------------------|-----------|-------------|
| 0-10 | Soil-Clay | 10 |
| 5 | Lime | 15 |
| 133 | Shale | 148 |
| 7 | Lime | 155 |
| 5 | Shale | 160 |
| 18 | Lime | 178 |
| 8 | Shale | 186 |
| 8 | Lime | 194 |
| 6 | Shale | 200 |
| 24 | Lime | 224 |
| 22 | Shale | 246 |
| 19 | Lime | 265 |
| 73 | Shale | 338 |
| 19 | Lime | 357 |
| 1 | Shale | 358 |
| 3 | Lime | 361 |
| 18 | Shale | 379 |
| 7 | Lime | 386 |
| 23 | Shale | 409 |
| 20 | Lime | 429 |
| 3 | Shale | 432 |
| 2 | Lime | 434 |
| 11 | Shale | 445 |
| 25 | Lime | 470 |
| 9 | Shale | 479 |
| 24 | Lime | 503 |
| 3 | Shale | 506 |
| 4 | Lime | 510 |
| 5 | Shale | 515 |
| 6 | Lime | 521 |
| 469 | Shale | 690 |
| 5 | Lime | 695 |
| 7 | Shale | 702 |
| 7 | Lime | 709 |
| 5 | Shale | 714 |
| 10 | Lime | 724 |
| 13 | Shale | 737 |
| 3 | Lime | 740 |
| 8 | Shale | 748 |
| 2 | Lime | 750 |

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-47

Farm Johnson

KS Douglas
(State) (County)

1 15 20
(Section) (Township) (Range)

For Altavista Energy
(Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East
Louisburg, KS 66053
913-710-5400

Johnson Farm: Douglas County

KS State; Well No. A-47

Elevation 1020

Commenced Spuding July 20 2012

Finished Drilling July 24 2012

Driller's Name Wesley Dollard

Driller's Name _____

Driller's Name _____

Tool Dresser's Name Ryan Ward

Tool Dresser's Name Cliff Stone

Tool Dresser's Name _____

Contractor's Name TOS

1 15 20

(Section) (Township) (Range)
 Distance from S line, 3135 ft.

Distance from E line, 5190 ft.

8 sacks
 1 core
 14 hrs

CASING AND TUBING RECORD

10" Set _____ 10" Pulled _____
 8" Set _____ 8" Pulled _____
 7 1/2" Set 51 6 1/4" Pulled _____
 4" Set _____ 4" Pulled _____
 2" Set _____ 2" Pulled _____

CASING AND TUBING MEASUREMENTS

| Feet | In. | Feet | In. | Feet | In. |
|--------|-----|-------|-----|--------|-----|
| 792.05 | | Seat | | nipple | |
| 822.75 | | Ball | | 1e | |
| 854.20 | | Float | | | |
| | | | | 2 | 7/8 |
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| Thickness of Strata | Formation | Total Depth | Remarks |
|---------------------|-----------|-------------|---------|
| 0-10 | soil-clay | 10 | |
| 5 | Lime | 15 | |
| 133 | shale | 148 | |
| 7 | Lime | 155 | |
| 5 | shale | 160 | |
| 18 | Lime | 178 | |
| 8 | shale | 186 | |
| 8 | Lime | 194 | |
| 6 | shale | 200 | |
| 24 | Lime | 224 | |
| 22 | shale | 246 | |
| 19 | Lime | 265 | |
| 73 | shale | 338 | |
| 19 | Lime | 357 | |
| 1 | shale | 358 | |
| 3 | Lime | 361 | |
| 18 | shale | 379 | |
| 7 | Lime | 386 | |
| 23 | shale | 409 | |
| 20 | Lime | 429 | |
| 3 | shale | 432 | |
| 2 | Lime | 434 | |
| 11 | shale | 445 | |
| 25 | Lime | 470 | |
| 9 | shale | 479 | |
| 24 | Lime | 503 | |
| 3 | shale | 506 | |

506

| Thickness of Strata | Formation | Total Depth | Remarks |
|---------------------|--------------|-------------|----------------------------|
| 4 | Lime | 510 | |
| 5 | shale | 515 | |
| 6 | Lime | 521 | |
| 169 | shale | 690 | Hertha |
| 5 | Lime | 695 | |
| 7 | shale | 702 | |
| 7 | Lime | 709 | |
| 5 | shale | 714 | |
| 10 | Lime | 724 | |
| 13 | shale | 737 | |
| 3 | Lime | 740 | |
| 8 | shale | 748 | |
| 2 | Lime | 750 | |
| 38 | shale | 788 | |
| 7 | Lime & shale | 795 | |
| 1 | sandy shale | 796 | |
| 1 | sand | 797 | 5% Oil - good odor - vel F |
| 18 | Core | 815 | |
| 105 | sandy shale | 920 | TD |
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Core

| Thickness of Strata | Formation | Total Depth | Remarks |
|---------------------|-------------|-------------|------------------------------|
| | | 797 | |
| 4 | sand & lime | 801 | broken sand - 50% Oil - perf |
| 6 | sand | 807 | broken - 75% Oil - perf |
| 3 | sand | 810 | solid Oil - heavy bleed perf |
| 1.5 | sand | 811.5 | 10% Oil - perf |
| 3.5 | sandy shale | 815 | no Oil |
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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 # 251612

Invoice Date: 07/30/2012 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

JOHNSON A-47
39579
1-15-20
07-24-2012
KS

| Part Number | Description | Qty | Unit Price | Total |
|-------------|---------------------------|--------|------------|---------|
| 1124 | 50/50 POZ CEMENT MIX | 105.00 | 10.9500 | 1149.75 |
| 1118B | PREMIUM GEL / BENTONITE | 276.00 | .2100 | 57.96 |
| 1111 | SODIUM CHLORIDE (GRANULA) | 221.00 | .3700 | 81.77 |
| 1110A | KOL SEAL (50# BAG) | 525.00 | .4600 | 241.50 |
| 4402 | 2 1/2" RUBBER PLUG | 1.00 | 28.0000 | 28.00 |
| 1401 | HE 100 POLYMER | .50 | 47.2500 | 23.63 |

| Description | Hours | Unit Price | Total |
|----------------------------------|--------|------------|---------|
| 369 80 BBL VACUUM TRUCK (CEMENT) | 1.50 | 90.00 | 135.00 |
| 548 MIN. BULK DELIVERY | 1.00 | 350.00 | 350.00 |
| 666 CEMENT PUMP | 1.00 | 1030.00 | 1030.00 |
| 666 EQUIPMENT MILEAGE (ONE WAY) | 20.00 | 4.00 | 80.00 |
| 666 CASING FOOTAGE | 859.00 | .00 | .00 |

Parts: 1582.61 Freight: .00 Tax: 115.53 AR 3293.14
 Labor: .00 Misc: .00 Total: 3293.14
 Sublt: .00 Supplies: .00 Change: .00

Signed _____

Date _____

BARTLESVILLE, OK
918/338-0808

EL DORADO, KS
316/322-7022

EUREKA, KS
620/583-7664

PONCA CITY, OK
580/762-2303

OAKLEY, KS
785/872-2227

OTTAWA, KS
785/242-4044

THAYER, KS
620/839-5269

GILLETTE, WY
307/688-4914



CONSOLIDATED
Oil Well Services, LLC

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

FIELD TICKET & TREATMENT REPORT
CEMENT

TICKET NUMBER 39579

LOCATION Ottawa, KS

FOREMAN Casper Kennedy

| DATE | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
|---------|------------|--------------------|---------|----------|-------|--------|
| 7/29/12 | 3244 | Johnson #A-47 | NW 1 | 15 | 20 | DG |

CUSTOMER
Attavista Energy

MAILING ADDRESS
PO Box 128

CITY
Wellsville STATE
KS ZIP CODE
66692

| TRUCK # | DRIVER | TRUCK # | DRIVER |
|---------|---------|---------|--------|
| 481 | Casey | CK | |
| 666 | Gar Moo | DM | |
| 319 | Der Mas | DM | |
| 548 | Mik Han | MH | |

JOB TYPE Logging HOLE SIZE 5 7/8" HOLE DEPTH 900' CASING SIZE & WEIGHT 2 1/2" eye

CASING DEPTH 859' DRILL PIPE _____ TUBING baffle - 792' OTHER _____

SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT In CASING 2 1/2" rubber plug

DISPLACEMENT 4.6 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE 4.5 bpm

REMARKS: held safety meeting, established circulation, mixed + pumped 1/2 gal HE-100 Polymer + 100# Premium Gel, circulated to condition hole, mixed + pumped 105 sks 50/50 Pozmix cement w/ 2% gel, 5% salt, + 5# Kol seal per sk, cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to baffle w/ 4.6 bbls fresh water, pressured to 800 PSI, released pressure, shut in casing.

[Handwritten signature]

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|--------------|-------------------|------------------------------------|-----------------|---------|
| 5401 | 1 | PUMP CHARGE | | 1030.00 |
| 5406 | 20 mi | MILEAGE | | 80.00 |
| 5402 | 859' | casing footage | | |
| 5407 | minimum | for mileage | | 350.00 |
| 5502c | 1.5 hrs | 80 Vac | | 135.00 |
| 1124 | 105 sks | 50/50 Pozmix cement | | 1149.75 |
| 1118B | 276 # | Premium Gel | | 57.96 |
| 1111 | 221 # | Salt | | 81.77 |
| 1110A | 525 # | Kol Seal | | 241.50 |
| 4402 | 1 | 2 1/2" rubber plug | | 128.00 |
| 1401 | 1/2 gal | HE-100 Polymer | | 65.63 |
| | | | 7.8% | |
| | | | 7.525% | |
| | | | SALES TAX | 115.53 |
| | | | ESTIMATED TOTAL | 3293.14 |

la/vh 3737

251612

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.