



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 # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

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

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_- Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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: \_\_\_\_\_ 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 #: \_\_\_\_\_

**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: \_\_\_\_\_ Date: \_\_\_\_\_



1091618

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 type="checkbox"/> No<br><i>(Attach Additional Sheets)</i><br><br>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No<br><br>Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No<br>Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No<br>Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(If no, Submit Copy)</i><br><br>List All E. Logs Run: | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br>Name Top Datum |
|---|---|

| 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 |
|   |                   |                           |                   |               |                |              |                            |
|   |                   |                           |                   |               |                |              |                            |
|   |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD  |                  |                |              |                            |
|--|------------------|----------------|--------------|----------------------------|
| Purpose:   | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| _____ Perforate<br>_____ Protect Casing<br>_____ Plug Back TD<br>_____ Plug Off Zone |                  |                |              |                            |
|  |                  |                |              |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br><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 *(Explain)* \_\_\_\_\_

|                                   |           |         |             |               |         |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|

|  |   |   |
|--|---|---|
| <b>DISPOSITION OF GAS:</b><br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br><i>(If vented, Submit ACO-18.)</i> | <b>METHOD OF COMPLETION:</b><br><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br><i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i><br><input type="checkbox"/> Other <i>(Specify)</i> _____ | <b>PRODUCTION INTERVAL:</b><br>_____<br>_____ |
|--|---|---|

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  $BPH \times PSI \times .0004$

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

CASING AND TUBING MEASUREMENTS

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 Colt 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" Set 51 \_\_\_\_\_ 6 1/4" Pulled \_\_\_\_\_  
 4" Set \_\_\_\_\_ 4" Pulled \_\_\_\_\_  
 2" Set \_\_\_\_\_ 2" Pulled \_\_\_\_\_

| Feet | In. | Feet   | In.    | Feet | In. |
|------|-----|--------|--------|------|-----|
| 792. | 05  | Seat   | nipple |      |     |
| 822. | 75  | Baffle |        |      |     |
| 854. | 20  | Float  |        |      |     |
|      |     |        |        | 2    | 7/8 |



| 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         | Hertha                     |
| 169                 | 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         |                            |
| 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                         |
|                     |              |             |                            |
|                     |              |             |                            |
|                     |              |             |                            |
|                     |              |             |                            |
|                     |              |             |                            |
|                     |              |             |                            |
|                     |              |             |                            |
|                     |              |             |                            |
|                     |              |             |                            |
|                     |              |             |                            |
|                     |              |             |                            |





**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  
785/672-2227

OTTAWA, KS  
785/242-4044

THAYER, KS  
620/839-5269

GILLETTE, WY  
307/686-4914



