



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: _____



1153263

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

| | | |
|---|---|--|
| 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 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 (Specify) _____ | PRODUCTION INTERVAL: _____ _____ |
|---|---|--|

Douglas County, KS
Well: Mary Bell A-31
Lease Owner: AltaVista

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

Commenced Spudding:
7/1/2013

WELL LOG

| Thickness of Strata | Formation | Total Depth |
|---------------------|-----------|-------------|
| 0-17 | Soil-Clay | 17 |
| 2 | Lime | 19 |
| 145 | Shale | 164 |
| 5 | Lime | 169 |
| 8 | Shale | 177 |
| 14 | Lime | 191 |
| 7 | Shale | 198 |
| 7 | Lime | 205 |
| 7 | Shale | 212 |
| 19 | Lime | 231 |
| 33 | Shale | 264 |
| 14 | Lime | 278 |
| 4 | Shale | 282 |
| 11 | Sand | 293 |
| 60 | Shale | 353 |
| 22 | Lime | 375 |
| 17 | Shale | 392 |
| 8 | Lime | 400 |
| 15 | Shale | 415 |
| 10 | Sand | 425 |
| 14 | Lime | 439 |
| 20 | Shale | 459 |
| 24 | Lime | 483 |
| 7 | Shale | 490 |
| 23 | Lime | 513 |
| 5 | Shale | 518 |
| 4 | Lime | 522 |
| 5 | Shale | 527 |
| 6 | Lime | 533 |
| 17 | Shale | 550 |
| 155 | Shale | 705 |
| 7 | Lime | 712 |
| 5 | Shale | 717 |
| 2 | Lime | 719 |
| 9 | Shale | 728 |
| 2 | Lime | 730 |
| 20 | Shale | 750 |
| 4 | Lime | 754 |
| 48 | Shale | 802 |
| 1 | Lime | 803 |

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 - $\text{RPM} \times d$ over $\text{SPM} \times R$

d - $\text{SPM} \times R \times D$ over RPM

SPM - $\text{RPM} \times D$ over $R \times D$

R - $\text{RPM} \times D$ over $\text{SPM} \times D$

BELT LENGTH - $2C + 1.57(D + d) + \frac{(D-d)^2}{4C}$

* Need these to figure belt length

TO FIGURE AMPS: $\frac{\text{WATTS}}{\text{VOLTS}} = \text{AMPS}$

746 WATTS equal 1 HP

Log Book

Well No. A-31

Farm Mary Bell

KS

(State)

Douglas

(County)

1

(Section)

15

(Township)

20

(Range)

For Altavista Energy inc
(Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Mary Bell Farm: Douglas County
 KS State; Well No. A-31

Elevation 1057
 Commenced Spudding July 1, 2013
 Finished Drilling July 3, 2013
 Driller's Name Wesley Dollard
 Driller's Name _____
 Driller's Name _____
 Tool Dresser's Name Ryan Ward
 Tool Dresser's Name Greg Perry
 Tool Dresser's Name _____
 Contractor's Name TOS
1 15 20

(Section) (Township) (Range)
 Distance from S line, 1320 ft.
 Distance from E line, 3795 ft.

7 sacks
 dry hole - plugged July 3
 7 hrs bottom to top

CASING AND TUBING RECORD

10" Set _____ 10" Pulled _____
 8" Set _____ 8" Pulled _____
 7 7/8" Set 41 6 1/2" Pulled _____
 4" Set _____ 4" Pulled _____
 2" Set _____ 2" Pulled _____

Brooke 2100 surface
 Brooke July 2 - plug job

CASING AND TUBING MEASUREMENTS

| Feet | In. | Feet | In. | Feet | In. |
|------|-----|------|-----|------|-----|
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| Thickness of Strata | Formation | Total Depth | Remarks |
|---------------------|-------------|-------------|---------|
| 0-17 | Soil - clay | 17 | |
| 2 | Lime | 19 | |
| 145 | Shale | 164 | |
| 5 | Lime | 169 | |
| 8 | Shale | 177 | |
| 14 | Lime | 191 | |
| 7 | Shale | 198 | |
| 7 | Lime | 205 | |
| 7 | Shale | 212 | |
| 19 | Lime | 231 | |
| 33 | Shale | 264 | Shells |
| 14 | Lime | 278 | |
| 4 | Shale | 282 | |
| 11 | sand | 293 | |
| 60 | Shale | 353 | no Oil |
| 22 | Lime | 375 | |
| 17 | Shale | 392 | |
| 8 | Lime | 400 | |
| 15 | Shale | 415 | |
| 10 | sand | 425 | |
| 14 | Lime | 439 | no Oil |
| 20 | Shale | 459 | |
| 24 | Lime | 483 | |
| 7 | Shale | 490 | |
| 23 | Lime | 513 | |
| 5 | Shale | 518 | |
| 4 | Lime | 522 | |

522

| Thickness of Strata | Formation | Total Depth | Remarks |
|---------------------|--------------|-------------|--------------------|
| 5 | Shale | 527 | |
| 6 | Lime | 533 | |
| 17 | shale | 550 | Hertha |
| 155 | shale | 705 | some sand - no Oil |
| 7 | Lime | 712 | |
| 5 | Shale | 717 | |
| 2 | Lime | 719 | |
| 9 | shale | 728 | |
| 2 | Lime | 730 | |
| 20 | shale | 750 | |
| 4 | Lime | 754 | |
| 48 | shale | 802 | 780 redbed |
| 1 | Lime | 803 | |
| 22 | shale | 825 | |
| 1 | sand & coal | 826 | slight show |
| 2 | sand & shale | 828 | slight show |
| 4 | sandy shale | 832 | no Oil |
| 40 | shale | 872 | |
| 8 | sand & shale | 880 | odor - no show |
| 40 | shale | 920 | TD - dry hole |
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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 # 260218

Invoice Date: 07/09/2013 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

MARY BELL A-31
42113
1-15-20
07-03-2013
KS

| Part Number | Description | Qty | Unit Price | Total |
|-------------|------------------------------|--------|------------|---------|
| 1124 | 50/50 POZ CEMENT MIX | 105.00 | 11.5000 | 1207.50 |
| 1118B | PREMIUM GEL / BENTONITE | 529.00 | .2200 | 116.38 |
| Description | | Hours | Unit Price | Total |
| 369 | 80 BBL VACUUM TRUCK (CEMENT) | 2.00 | 90.00 | 180.00 |
| 495 | P & A NEW WELL | 1.00 | 1085.00 | 1085.00 |
| 495 | EQUIPMENT MILEAGE (ONE WAY) | 25.00 | 4.20 | 105.00 |
| 558 | MIN. BULK DELIVERY | 1.00 | 368.00 | 368.00 |

Parts: 1323.88 Freight: .00 Tax: 94.66 AR 3156.54
Labor: .00 Misc: .00 Total: 3156.54
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 785/672-8822 OTTAWA, KS 785/242-4044 THAYER, KS 620/839-5269 GILLETTE, WY 307/686-4914 CUSHING, OK 918/225-2650



CONSOLIDATED
Oil Well Services, LLC

260218

TICKET NUMBER 42113

LOCATION Ottawa KS

FOREMAN Fred Mader

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

FIELD TICKET & TREATMENT REPORT
CEMENT

| DATE | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
|--------|------------|--------------------|---------|----------|-------|--------|
| 7-3-13 | 2244 | Mary Bell # A-31 | SW 1 | 15 | 20 | D.G. |

CUSTOMER Altavista Energy Inc
MAILING ADDRESS P.O. Box 128
CITY Wellsville STATE KS ZIP CODE 66092

| TRUCK # | DRIVER | TRUCK # | DRIVER |
|---------|----------|---------|--------|
| 712 | Fred Mad | | |
| 495 | Har Bee | | |
| 369 | Dex Mas | | |
| 558 | Wil Mat | | |

JOB TYPE Plug HOLE SIZE 5 7/8 HOLE DEPTH 925 CASING SIZE & WEIGHT N/A
 CASING DEPTH N/A DRILL PIPE 1" TUBING to TD OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING Full
 DISPLACEMENT N/A DISPLACEMENT PSI _____ MIX PSI _____ RATE 1.1 1/2

REMARKS: Big run 1" tubing to TD. Mix Pump 50 SKS Cement
Pull 1" to 600' Mix Pump SKS Cement. Pull 1" to
300'. Fill to Surface w/Cement. Pull remaining 1" Tubing.
Top off well w/cement. Wash out 1" Tubing.
 Total 105 SKS 50/50 Por Mix Cement 6% Cel

To S Well Serv's Fred Mader

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|--------------|-------------------|------------------------------------|------------|---------|
| 5485W | 1 | PUMP CHARGE <u>Plug to Abandon</u> | 455 | 1085.00 |
| 5406 | 25 mi | MILEAGE | 495 | 105.00 |
| 5407 | minimum | Ton miles | 558 | 368.00 |
| 5502C | 2 hrs | 80 BBL Vac Truck | 369 | 180.00 |
| 1124 | 1053ks | 50/50 Por Mix Cement | | 1207.50 |
| 1153 | 529# | Premium Cel | | 116.38 |
| | | | | |
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| | | | | |
| | | | 7.15% | |
| | | SALES TAX | | 94.64 |
| | | ESTIMATED TOTAL | | 3156.54 |

Completed

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.