



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1210271
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

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
- Plug Back Conv. to GSW Conv. to Producer
- 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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1210271

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

| | |
|--|---|
| 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 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 |
| <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | | | | |
| | | | | |

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

| 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 |
|----------------|---|--|-------|
| | | | |
| | | | |
| | | | |
| | | | |

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i> | PRODUCTION INTERVAL: _____ _____ |
|--|---|---|

Douglas County, KS
Well:Early AI-8
Lease Owner:Altavista

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

Commenced Spudding:
04/23/2014

WELL LOG

| Thickness of Strata | Formation | Total Depth |
|---------------------|-----------------------|-------------|
| 0-3 | soil/clay | 3 |
| 69 | sand | 72 |
| 132 | shale | 204 |
| 5 | lime | 209 |
| 8 | shale | 217 |
| 14 | lime | 231 |
| 8 | shale | 239 |
| 7 | lime | 246 |
| 6 | shale | 252 |
| 18 | lime | 270 |
| 12 | shale | 282 |
| 4 | sand and sandy shale | 286 |
| 15 | shale | 301 |
| 19 | lime | 320 |
| 13 | sand | 333 |
| 61 | shale | 394 |
| 22 | lime | 416 |
| 13 | shale | 429 |
| 2 | shale and lime | 431 |
| 9 | lime | 440 |
| 14 | shale | 454 |
| 6 | sand | 460 |
| 2 | shale | 462 |
| 19 | lime | 481 |
| 5 | shale | 486 |
| 1 | lime | 487 |
| 13 | shale | 500 |
| 6 | lime | 506 |
| 1 | lime crystal | 507 |
| 17 | lime | 524 |
| 7 | shale | 531 |
| 23 | lime | 554 |
| 5 | shale | 559 |
| 3 | lime | 562 |
| 4 | shale | 566 |
| 5 | lime | 571 |
| 6 | shale | 577 |
| 11 | sand | 588 |
| 27 | shale | 615 |
| 17 | sandy and sandy shale | 632 |

Douglas County, KS
Well:Early AI-8
Lease Owner:Altavista

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

Commenced Spudding:
04/23/2014

| | | |
|----|----------------|---------|
| 58 | shale | 690 |
| 11 | sand | 701 |
| 27 | shale | 728 |
| 3 | lime | 731 |
| 12 | shale | 743 |
| 7 | lime | 750 |
| 7 | shale | 757 |
| 4 | lime | 761 |
| 8 | shale | 769 |
| 3 | lime | 772 |
| 8 | shale and lime | 780 |
| 11 | shale | 791 |
| 3 | lime | 794 |
| 4 | shale | 798 |
| 2 | coal | 800 |
| 1 | sand | 801 |
| 5 | shale | 806 |
| 1 | lime | 807 |
| 4 | shale | 811 |
| 4 | lime | 815 |
| 2 | shale | 817 |
| 5 | shale and lime | 822 |
| 7 | shale | 829 |
| 1 | lime | 930 |
| 10 | shale | 840 |
| 2 | lime | 842 |
| 2 | shale | 844 |
| 1 | lime | 845 |
| 5 | shale | 850 |
| 1 | lime | 851 |
| 5 | shale | 856 |
| 8 | sand | 864 |
| 4 | sand | 868 |
| 10 | sand | 878 |
| 4 | sand | 882 |
| 7 | sand | 889 |
| 57 | shale | 946 |
| 6 | lime | 952 |
| 4 | sand | 956 |
| 3 | sand | 959 |
| 2 | sand | 961 |
| 2 | sand | 9*63 |
| 6 | sand and shale | 969 |
| 15 | shale | 984 |
| 9 | sand | 993 |
| 67 | shale | 1060-TD |

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. AI-8

Farm Early

KS Douglas
(State) (County)

11 15 20
(Section) (Township) (Range)

For Altavista
(Well Owner)

Town Oilfield Services, Inc.

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

NOTES:

2 hours Surface
9 hours Long String

Rules of Thumb

CEMENTING ANNULUS

| | | | |
|-------------|----------|-------|------|
| 2" ID - 6¼" | - 1 Sack | | 5.8' |
| 2" ID - 8" | - 1 Sack | | 3.1' |
| 3" ID - 8" | - 1 Sack | | 3.5' |
| 4" ID - 8" | - 1 Sack | | 4.0' |

CAPACITY

| | | | |
|--------|----------|-------------|------|
| 2" | - 1 BBL. | equals..... | 256' |
| 2½" | - 1 BBL. | equals..... | 164' |
| 3" | - 1 BBL. | equals..... | 115' |
| 4" | - 1 BBL. | equals..... | 64' |
| 4 7/8" | - 1 BBL. | equals..... | 43' |
| 6¼" | - 1 BBL. | equals..... | 26' |
| 8" | - 1 BBL. | equals..... | 16' |

WATER - CEMENT RATIO

5.5 gals. to 1 sack - 2½ hours
to thicken slurry
7.7 gals. to 1 sack - 2 hours
to thicken slurry

| Thickness of Strata | Formation | Total Depth | Remarks |
|---------------------|--------------------|-------------|---------|
| 0-3 | Soil-Clay | 3 | |
| 69 | Sand | 72 | |
| 132 | Shale | 204 | |
| 5 | Lime | 209 | |
| 8 | Shale | 217 | |
| 14 | Lime | 231 | |
| 8 | Shale | 239 | |
| 7 | Lime | 246 | |
| 6 | Shale | 252 | |
| 18 | Lime | 270 | Shells |
| 12 | Shale | 282 | |
| 4 | Sand & Sandy Shale | 286 | No Oil |
| 15 | Shale | 301 | |
| 19 | Lime | 320 | |
| 13 | Sand | 333 | No Oil |
| 61 | Shale | 394 | |
| 22 | Lime | 416 | |
| 13 | Shale | 429 | |
| 2 | Shale & Lime | 431 | |
| 9 | Lime | 440 | |
| 14 | Shale | 454 | |
| 6 | Sand | 460 | Odor |
| 2 | Shale | 462 | |
| 19 | Lime | 481 | |
| 5 | Shale | 486 | |
| 1 | Lime | 487 | |
| 13 | Shale | 500 | |

500

| Thickness of Strata | Formation | Total Depth | Remarks |
|---------------------|--------------------|-------------|---------|
| 6 | Lime | 506 | |
| 1 | Lime Crystal | 507 | No Oil |
| 17 | Lime | 524 | |
| 7 | Shale | 531 | |
| 23 | Lime | 554 | |
| 5 | Shale | 559 | |
| 3 | Lime | 562 | |
| 4 | Shale | 566 | |
| 5 | Lime | 571 | Mertha |
| 6 | Shale | 577 | |
| 11 | Sand | 588 | No Oil |
| 27 | Shale | 615 | |
| 17 | Sand & Sandy Shale | 632 | No Oil |
| 58 | Shale | 690 | |
| 11 | Sand | 701 | No Oil |
| 27 | Shale | 728 | |
| 3 | Lime | 731 | |
| 12 | Shale | 743 | |
| 7 | Lime | 750 | |
| 7 | Shale | 757 | |
| 4 | Lime | 761 | |
| 8 | Shale | 769 | |
| 3 | Lime | 772 | |
| 8 | Shale & Lime | 780 | |
| 11 | Shale | 791 | |
| 3 | Lime | 794 | |
| 4 | Shale | 798 | |

798

| Thickness of Strata | Formation | Total Depth | Remarks |
|---------------------|--------------|-------------|--------------------------|
| 2 | Coal | 800 | |
| 1 | Sand | 801 | Odor |
| 5 | Shale | 806 | |
| 1 | Lime | 807 | |
| 4 | Shale | 811 | |
| 4 | Lime | 819 | |
| 2 | Shale | 817 | |
| 5 | Shale & Lime | 822 | |
| 7 | Shale | 829 | |
| 1 | Lime | 830 | |
| 10 | Shale | 840 | |
| 2 | Lime | 842 | |
| 2 | Shale | 844 | |
| 1 | Lime | 845 | |
| 5 | Shale | 850 | |
| 1 | Lime | 851 | |
| 5 | Shale | 856 | |
| 8 | Sand | 864 | Broken - Poor Saturation |
| 4 | Sand | 868 | Broken - Good Saturation |
| 10 | Sand | 878 | Solid - Good Saturation |
| 4 | Sand | 882 | Broken - Good Saturation |
| 7 | Sand | 889 | Solid - Good Saturation |
| 57 | Shale | 946 | |
| 6 | Lime | 952 | |
| 4 | Sand | 958 | No Oil |
| 3 | Sand | 959 | Broken |
| 2 | Sand | 961 | Solid |



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
FINV
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 # 267668

Invoice Date: 04/28/2014 Terms: 0/30/10,n/30

Page 1

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

EARLY AI-8
47120
NE 11-15-20
04-23-2014
KS

| Part Number | Description | Qty | Unit Price | Total |
|-------------|--------------------------|--------|------------|--------|
| 1124 | 50/50 POZ CEMENT MIX | 35.00 | 11.5000 | 402.50 |
| 1118B | PREMIUM GEL / BENTONITE | 59.00 | .2200 | 12.98 |
| 1111 | SODIUM CHLORIDE (GRANULA | 68.00 | .3900 | 26.52 |
| 1110A | KOL SEAL (50# BAG) | 175.00 | .4600 | 80.50 |

| Sublet Performed | Description | Total |
|------------------|--------------------------|---------|
| 9996-120 | CEMENT MATERIAL DISCOUNT | -156.75 |

| Description | Hours | Unit Price | Total |
|----------------------------------|-------|------------|--------|
| 495 CEMENT PUMP (SURFACE) | 1.00 | 870.00 | 870.00 |
| 495 EQUIPMENT MILEAGE (ONE WAY) | .00 | 4.20 | .00 |
| 495 CASING FOOTAGE | 98.00 | .00 | .00 |
| 548 MIN. BULK DELIVERY | 1.00 | 122.67 | 122.67 |
| 675 80 BBL VACUUM TRUCK (CEMENT) | 1.50 | 100.00 | 150.00 |

Amount Due 1702.54 if paid after 05/08/2014

| | | | | | | | |
|--------|---------|-----------|-----|---------|---------|----|---------|
| Parts: | 522.50 | Freight: | .00 | Tax: | 26.16 | AR | 1534.58 |
| Labor: | .00 | Misc: | .00 | Total: | 1534.58 | | |
| Sublt: | -156.75 | Supplies: | .00 | Change: | .00 | | |

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

267668

TICKET NUMBER 47120

LOCATION Ottawa KS

FOREMAN Fred Maden

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 |
|------------------|------------|--------------------|---------|----------|-------|--------|
| 4-23-14 | 3244 | Early AJ-8 | NE 11 | 15 | 20 | MDG |
| CUSTOMER | | | TRUCK # | | | |
| A Havista Energy | | | DRIVER | | | |
| MAILING ADDRESS | | | TRUCK # | | | |
| P.O. Box 128 | | | DRIVER | | | |
| CITY | | | TRUCK # | | | |
| Wellsville | | | DRIVER | | | |
| STATE | | | TRUCK # | | | |
| KS | | | DRIVER | | | |
| ZIP CODE | | | TRUCK # | | | |
| 66092 | | | DRIVER | | | |

JOB TYPE Surface HOLE SIZE 9 7/8 HOLE DEPTH 100' CASING SIZE & WEIGHT 7"
 CASING DEPTH 98.5 SKS DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 10' +
 DISPLACEMENT 4 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS: Hold a new safety meeting. Establish circulation thru 7" casing
Mix + Pump 350 SKS 50/50 Poz Mix Cement 2% Cu 5% Salt
5# Kol Seal/sk. Cement to surface. Displace 7" casing clean
w/ 4.0 BBL water. Shut in casing.

TOS Drilling - Greg

Fred Maden

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|--------------|-------------------|------------------------------------|--------------------|--------------------|
| 54015 | 1 | PUMP CHARGE Surface Cement | 495 | 870 ⁰⁰ |
| 5406 | — | MILEAGE | | N/C |
| 5402 | 98 | Casing footage | | N/C |
| 5407 | 1/3 Minimum | Ton Miles | 548 | 122 ⁶⁷ |
| 5502 | 1 1/2 hr | 50 BBL Vac Truck | 675 | 150 ⁰⁰ |
| 1124 | 35 SKS | 50/50 Poz Mix Cement | 402 ⁵⁰ | |
| 1115B | 59 # | Premium Cel | 129 ⁵ | |
| 1111 | 68 # | Granulated Salt | 26 ⁵² | |
| 110A | 175 # | Kol Seal | 80 ⁵⁰ | |
| | | Material | 522 ⁵⁰ | |
| | | Less 30% | -156 ⁷⁵ | |
| | | Total Material | 365 ⁷⁵ | |
| | | | 1702.54 | |
| | | 7.152 | SALES TAX | 26 ¹⁶ |
| | | | ESTIMATED TOTAL | 1534 ⁵⁸ |

completed

Ravin 3737

AUTHORIZATION Bryan Hill

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.



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 # 267755

Invoice Date: 04/30/2014 Terms: 0/30/10,n/30

Page 1

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

EARLY AI-8
47125
NE 11-15-20
04-25-2014
KS

| Part Number | Description | Qty | Unit Price | Total |
|-------------|--------------------------|--------|------------|---------|
| 1124 | 50/50 POZ CEMENT MIX | 140.00 | 11.5000 | 1610.00 |
| 1118B | PREMIUM GEL / BENTONITE | 336.00 | .2200 | 73.92 |
| 1111 | SODIUM CHLORIDE (GRANULA | 271.00 | .3900 | 105.69 |
| 1110A | KOL SEAL (50# BAG) | 700.00 | .4600 | 322.00 |
| 4402 | 2 1/2" RUBBER PLUG | 1.00 | 29.5000 | 29.50 |
| 1401 | HE 100 POLYMER | .50 | 47.2500 | 23.63 |

| Sublet Performed | Description | Total |
|------------------|--------------------------|---------|
| 9996-120 | CEMENT MATERIAL DISCOUNT | -633.48 |

| Description | Hours | Unit Price | Total |
|----------------------------------|---------|------------|---------|
| 369 80 BBL VACUUM TRUCK (CEMENT) | 2.50 | 100.00 | 250.00 |
| 495 CEMENT PUMP | 1.00 | 1085.00 | 1085.00 |
| 495 EQUIPMENT MILEAGE (ONE WAY) | 25.00 | 4.20 | 105.00 |
| 495 CASING FOOTAGE | 1050.00 | .00 | .00 |
| 503 MIN. BULK DELIVERY | 1.00 | 368.00 | 368.00 |

Amount Due 4127.53 if paid after 05/10/2014

| | | | | | | | |
|--------|---------|-----------|-----|---------|---------|----|---------|
| Parts: | 2164.74 | Freight: | .00 | Tax: | 109.50 | AR | 3448.76 |
| Labor: | .00 | Misc: | .00 | Total: | 3448.76 | | |
| Sublt: | -633.48 | Supplies: | .00 | Change: | .00 | | |

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

267755

TICKET NUMBER 47125
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 |
|---------|------------|--------------------|---------|----------|-------|--------|
| 4-25-14 | 3244 | Early # AI-8 | NE 11 | 15 | 20 | DG. |

CUSTOMER
Altavista Energy

MAILING ADDRESS
P.O. Box 128

CITY
Wellsville

STATE
KS

ZIP CODE
66092

| TRUCK # | DRIVER | TRUCK # | DRIVER |
|---------|--------|---------|--------|
| 712 | FreMad | | |
| 495 | HarBec | | |
| 369 | DerMas | | |
| 503 | KiCar | | |

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 1060 CASING SIZE & WEIGHT 2 7/8 EUE

CASING DEPTH 1015 DRILL PIPE Baffle m TUBING @ 1018.70 OTHER _____

SLURRY WEIGHT 1050 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 31' + Plug

DISPLACEMENT 5.92 B DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 BPM

REMARKS: Hold crew safety meeting. Establish pump rate. Mix & Pump 1/2 Gal HE-100 Polymer Flush. Circulate well to condition hole. Mix & Pump 140 SKS 50/50 Perm Mix Cement 270 Gal 5% Salt 5# Kal Seal/sk. Cement to surface. Flush pump & lines clean. Displace 2 1/2" Rubber plug to Baffle m casing. Pressure to 800# PSI. Release pressure to set float valve. Shut in casing.

Safety Dept. Rep: Brent Mann
TOS Drilling. Greg. Fred Mader

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|--------------|-------------------|------------------------------------|-----------------|---------|
| 5401 | 1 | PUMP CHARGE | 495 | 1085.00 |
| 5406 | 25mi | MILEAGE | 495 | 105.00 |
| 5402 | 1050 | Casing footage | | N/C |
| 5407 | Minimum | Ten Miles | 503 | 368.00 |
| 5502 | 2 1/2 hrs | 80 BBL Vac Truck | 369 | 250.00 |
| 1124 | 140 SKS | 50/50 Perm Mix Cement | 1610.00 | |
| 1118B | 336# | Premium Gel | 2372 | |
| 1111 | 271# | Granulated Salt | 185.49 | |
| 1110A | 200# | Kal Seal | 322.00 | |
| | | Material | 2111.61 | |
| | | less 30% | -633.48 | |
| | | Total Material | | 1478.13 |
| 4402 | 1 | 2 1/2" Rubber Plug | | 29.50 |
| 1401 | 1/2 Gal | HE-100 Polymer | | 23.63 |
| | | | | |
| | | | 4127.53 | |
| | | | SALES TAX | 109.50 |
| | | | ESTIMATED TOTAL | 3448.76 |

completed 4/25/14

AUTHORIZATION Byron Wilko 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 for