

DRILLERS LOG

API NO: 15 - 031 - 23617 - 00 - 00

OPERATOR: ALTAVISTA ENERGY INC

ADDRESS: 4595 K-33 HWY, P.O. BOX 128, WELLSVILLE, KS 66092

WELL #: I - 3B

LEASE NAME: SETTLEMYER

S. 14 T. 22 R. 16 E. W.

LOCATION: SE NW SW SE

COUNTY: COFFEY

ELEV. GR.: 1051

DF: _____ KB: _____

FOOTAGE LOCATION: 825 FEET FROM (N) (S) LINE 2250 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

GEOLOGIST: DOUG EVANS

SPUD DATE: 10/11/2013

TOTAL DEPTH: 1115 P.B.T.D. _____

DATE COMPLETED: 10/17/2013

OIL PURCHASER: COFFEYVILLE RESOURCES CRUDE TRANSPORTATION

CASING RECORD

REPORT OF ALL STRINGS - SURFACE, INTERMEDIATE, PRODUCTION, ETC.

| PURPOSE OF STRING | SIZE HOLE DRILLED | SIZE CASING SET (in O.D.) | WEIGHT LBS/FT | SETTING DEPTH | TYPE CEMENT | SACKS | TYPE AND % ADDITIVES |
|-------------------|-------------------|---------------------------|---------------|---------------|-------------|-------|----------------------|
| SURFACE: | 12.2500 | 7 | 19 | 44.80 | OWC | 57 | SERVICE COMPANY |
| PRODUCTION: | 5.8750 | 2.8750 8rd | 6.5 | 1102.30 | OWC | | SERVICE COMPANY |

WELL LOG

CORES: #1 - 1019 - 1033

RECOVERED: _____

ACTUAL CORING TIME: _____

RAN: 1 - FLOAT SHOE

1 - BAFFLE

3 - CENTRALIZERS

1 - CLAMP

| FORMATION | TOP | BOTTOM |
|--------------|------|--------|
| TOP SOIL | 0 | 3 |
| CLAY | 3 | 28 |
| GRAVEL | 28 | 34 |
| LIME | 34 | 35 |
| CLAY | 35 | 42 |
| SHALE | 42 | 227 |
| LIME | 227 | 293 |
| SHALE | 293 | 364 |
| LIME | 364 | 389 |
| SHALE | 389 | 427 |
| LIME | 427 | 443 |
| SHALE | 443 | 449 |
| LIME | 449 | 459 |
| SHALE | 459 | 461 |
| LIME | 461 | 463 |
| SHALE | 463 | 476 |
| LIME | 476 | 486 |
| SHALE | 486 | 514 |
| LIME | 514 | 538 |
| SHALE | 538 | 543 |
| LIME | 543 | 597 |
| SHALE | 597 | 604 |
| LIME | 604 | 631 |
| SHALE | 631 | 635 |
| LIME | 635 | 655 |
| SHALE | 655 | 816 |
| LIME | 816 | 822 |
| SAND & SHALE | 822 | 836 |
| LIME | 836 | 845 |
| SHALE | 845 | 901 |
| LIME | 901 | 907 |
| SAND & SHALE | 907 | 928 |
| LIME | 928 | 932 |
| SHALE | 932 | 947 |
| LIME | 947 | 951 |
| SHALE | 951 | 972 |
| LIME | 972 | 976 |
| SAND & SHALE | 976 | 983 |
| LIME | 983 | 987 |
| SAND & SHALE | 987 | 1016 |
| CAP LIME | 1016 | 1017 |

| FORMATION | TOP | BOTTOM |
|------------------|------|-----------|
| SHALE | 1017 | 1020 |
| CAP LIME | 1020 | 1021 |
| OIL SAND & SHALE | 1021 | 1024 |
| SHALE | 1024 | 1088 |
| LIME | 1088 | 1089 |
| SHALE | 1089 | 1115 T.D. |



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 # 263174

Invoice Date: 10/15/2013 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

SETTLEMEYER 1-3B
42472
W1/2 SE1/4 14-22-16
10-11-2013
KS

| Part Number | Description | Qty | Unit Price | Total |
|-------------|------------------------------|--------|------------|--------|
| 1124 | 50/50 POZ CEMENT MIX | 40.00 | 11.5000 | 460.00 |
| 1118B | PREMIUM GEL / BENTONITE | 67.00 | .2200 | 14.74 |
| 1111 | SODIUM CHLORIDE (GRANULA | 77.00 | .3900 | 30.03 |
| 1110A | KOL SEAL (50# BAG) | 200.00 | .4600 | 92.00 |
| Description | | Hours | Unit Price | Total |
| 368 | CEMENT PUMP (SURFACE) | 1.00 | 870.00 | 870.00 |
| 368 | EQUIPMENT MILEAGE (ONE WAY) | .00 | 4.20 | .00 |
| 368 | CASING FOOTAGE | 44.00 | .00 | .00 |
| 369 | 80 BBL VACUUM TRUCK (CEMENT) | 1.50 | 90.00 | 135.00 |
| 503 | TON MILEAGE DELIVERY | 83.70 | 1.41 | 118.02 |

| | | | | | | | |
|--------|--------|-----------|-----|---------|---------|----|---------|
| Parts: | 596.77 | Freight: | .00 | Tax: | 36.71 | AR | 1756.50 |
| Labor: | .00 | Misc: | .00 | Total: | 1756.50 | | |
| 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



263174

TICKET NUMBER 42472
 LOCATION Ottawa, KS
 FOREMAN Jim Green

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 |
|-----------------|------------|--------------------|------------|----------|-------|--------|
| 10-11-13 | 3244 | Settlemyer #13B | W8SE1/4 14 | 22 | 16 | CF |
| CUSTOMER | | | TRUCK # | | | |
| MAILING ADDRESS | | | DRIVER | | | |
| CITY | | | TRUCK # | | | |
| STATE | | | DRIVER | | | |
| ZIP CODE | | | TRUCK # | | | |

JOB TYPE: Surface HOLE SIZE: 18" 1/8" HOLE DEPTH: 470' CASING SIZE & WEIGHT: 2 7/8" 21"
 CASING DEPTH: 44' DRILL PIPE: 10" 1 1/2" TUBING: _____ OTHER: _____
 SLURRY WEIGHT: _____ SLURRY VOL: _____ WATER gal/sk: _____ CEMENT LEFT in CASING: _____
 DISPLACEMENT: _____ DISPLACEMENT PSI: _____ MIX PSI: _____ RATE: _____

REMARKS: Held Safety Crew Meeting, Establish Circulation, Mix and Pump 40 sk cement 50% Poz mix with 2% Gel, 5" Kol-Seal, 5% SALT. Displace 7" with 1.5 BBLs clean water. Circulated cement to surface, Close Valve.

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|------------------|-------------------|------------------------------------|------------|-----------|
| 54015 | 1 | PUMP CHARGE <u>Surface</u> | | 870.00 ✓ |
| 5406 | on lease | MILEAGE | | N/A ✓ |
| 5402 | .44 | Casing Footage | | N/A ✓ |
| 5302C | 1.5 HRS | Vac TK | | 135.00 ✓ |
| 5407A | 83.7 | Ton mileage | | 118.02 ✓ |
| 1124 | 40 SK | 50% Poz Mix Cement | | 460.00 ✓ |
| 1118B | 62" | Premium Gel | | 14.74 ✓ |
| 1111 | 27" | Salt | | 30.03 ✓ |
| 1110A | 200" | Kol-Seal | | 92.00 ✓ |
| completed | | | | |
| SALES TAX | | | | 86.71 ✓ |
| ESTIMATED TOTAL | | | | 1756.50 ✓ |

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



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 # 263310

Invoice Date: 10/21/2013 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

SETTLEMEYER I-3B
44754
SW 14-22-16
10-17-2013
KS

| Part Number | Description | Qty | Unit Price | Total |
|-------------|--------------------------|--------|------------|---------|
| 1124 | 50/50 POZ CEMENT MIX | 164.00 | 11.5000 | 1886.00 |
| 1118B | PREMIUM GEL / BENTONITE | 376.00 | .2200 | 82.72 |
| 1111 | SODIUM CHLORIDE (GRANULA | 317.00 | .3900 | 123.63 |
| 1110A | KOL SEAL (50# BAG) | 820.00 | .4600 | 377.20 |
| 4402 | 2 1/2" RUBBER PLUG | 1.00 | 29.5000 | 29.50 |

| Description | Hours | Unit Price | Total |
|----------------------------------|---------|------------|---------|
| 495 CEMENT PUMP | 1.00 | 1085.00 | 1085.00 |
| 495 EQUIPMENT MILEAGE (ONE WAY) | 45.00 | 4.20 | 189.00 |
| 495 CASING FOOTAGE | 1103.00 | .00 | .00 |
| 510 TON MILEAGE DELIVERY | 343.17 | 1.41 | 483.87 |
| 675 80 BBL VACUUM TRUCK (CEMENT) | 1.50 | 90.00 | 135.00 |

| | | | | | | | |
|--------|---------|-----------|-----|---------|---------|----|---------|
| Parts: | 2499.05 | Freight: | .00 | Tax: | 153.69 | AR | 4545.61 |
| Labor: | .00 | Misc: | .00 | Total: | 4545.61 | | |
| 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

263310

TICKET NUMBER 44754

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 |
|---|------------|--------------------|-------------------------------|----------|-------|--------|
| 10-17-13 | 3244 | Settlement # I-3B | SW 14 | 22 | 16 | CF |
| CUSTOMER <u>Altavista Energy Inc</u> | | | TRUCK # DRIVER TRUCK # DRIVER | | | |
| MAILING ADDRESS <u>P.O. Box 128</u> | | | 712 Fremad | | | |
| CITY STATE ZIP CODE <u>Wellsville KS 66092</u> | | | 495 HarBec | | | |
| | | | 675 Kai Det | | | |
| | | | 510 Set Tuc | | | |

JOB TYPE Log string HOLE SIZE _____ HOLE DEPTH 1115' CASING SIZE & WEIGHT 2 7/8 EUE
 CASING DEPTH 1103' DRILL PIPE Baffle in TUBING @ 1022 OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 31' + Plug
 DISPLACEMENT 6.23 Bbl DISPLACEMENT PSI _____ MIX PSI _____ RATE 5BPM

REMARKS: Hold crew safety meeting, Establish pump rate. Mix Pump 100# Gd flush
Mix + Pump 164 SKS 50/50 Poz Mix Cement 2% Gel 5% Salt 5# Kal
Seal/sk. Cement to surface. Flush pump + lines clean. Displace 2 1/2"
Rubber plug to Baffle. Pressure to 800# PSI. Release pressure to
Set float valve. Shut in casing.

Kurt Finney Drilling

Fred Mader

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|--------------|-------------------|------------------------------------|------------|--------------------|
| 5401 | 1 | PUMP CHARGE | 475 | 1085 ⁰⁰ |
| 5406 | 45mi | MILEAGE | 475 | 189 ⁰⁰ |
| 5402 | 1103 | Casing footage | | N/C |
| 5407A | 343.17 | Ton Miles | 510 | 483 ⁹⁷ |
| 5502C | 1 1/2 hr | 80 Bbl Vac Truck | 675 | 135 ⁰⁰ |
| 1124 | 164 SKS | 50/50 Poz Mix Cement | | 1886 ⁰⁰ |
| 1118B | 376 [#] | Premium Gel | | 827 ³ |
| 1111 | 317 [#] | Granulated Salt | | 123 ⁶³ |
| 1110A | 820 [#] | Kal Seal | | 377 ²⁰ |
| 4402 | 1 | 2 1/2" Rubber Plug | | 29 ⁰⁰ |
| | | | 6.15% | SALES TAX |
| | | | | ESTIMATED |
| | | | | TOTAL |

completed

153⁶⁹
41545⁶¹

Revin 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