

Miami County, KS
 Well: O'Brien AI-35
 Lease Owner: AltaVista

Town Oilfield Service, Inc.
 (913) 294-2125

Commenced Spudding:
 6/20/16

WELL LOG

| Thickness of Strata | Formation | Total Depth |
|---------------------|-------------|-------------|
| 0-16 | Soil-Clay | 16 |
| 20 | Lime | 36 |
| 9 | Shale | 45 |
| 2 | Lime | 47 |
| 7 | Shale | 54 |
| 9 | Lime | 63 |
| 42 | Shale | 105 |
| 15 | Lime | 120 |
| 9 | Shale | 129 |
| 30 | Lime | 159 |
| 9 | Shale | 168 |
| 20 | Lime | 188 |
| 5 | Shale | 193 |
| 3 | Lime | 196 |
| 3 | Shale | 199 |
| 6 | Lime | 205 |
| 154 | Shale | 359 |
| 5 | Limey Sand | 364 |
| 7 | Lime | 371 |
| 2 | Shale | 373 |
| 3 | Lime | 376 |
| 47 | Shale | 423 |
| 8 | Lime | 431 |
| 10 | Shale | 441 |
| 3 | Lime | 444 |
| 14 | Shale | 458 |
| 6 | Lime | 464 |
| 20 | Shale | 484 |
| 2 | Lime | 486 |
| 5 | Shale | 491 |
| 7 | Lime | 498 |
| 8 | Shale | 506 |
| 5 | Sandy Shale | 511 |
| 1 | Sand | 512 |
| 9 | Sand | 521 |
| 3 | Sand | 524 |
| 8 | Sandy Shale | 532 |
| 88 | Shale | 620-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-35

Farm O'Brien

KS Miami
(State) (County)

1 18 21
(Section) (Township) (Range)

For Altavista Energy Inc
(Well Owner)

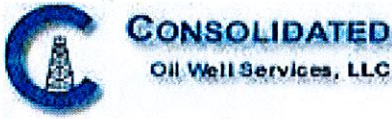
Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

| Thickness of Strata | Formation | Total Depth | Remarks |
|---------------------|-----------|-------------|------------------------|
| 0-16 | soil-clay | 16 | |
| 20 | Lime | 36 | |
| 9 | Shale | 45 | |
| 2 | Lime | 47 | |
| 7 | Shale | 54 | |
| 9 | Lime | 63 | |
| 42 | Shale | 105 | |
| 15 | Lime | 120 | |
| 9 | Shale | 129 | |
| 30 | Lime | 159 | |
| 9 | Shale | 168 | |
| 20 | Lime | 188 | |
| 5 | Shale | 193 | |
| 3 | Lime | 196 | |
| 3 | Shale | 199 | |
| 6 | Lime | 205 | Heather |
| 154 | Shale | 359 | |
| 5 | limy sand | 364 | broken oil - good show |
| 7 | Lime | 371 | |
| 2 | Shale | 373 | |
| 3 | Lime | 376 | |
| 47 | Shale | 423 | |
| 8 | Lime | 431 | |
| 10 | Shale | 441 | |
| 3 | Lime | 444 | |
| 14 | Shale | 458 | |
| 6 | Lime | 464 | |



REMIT TO
 Consolidated Oil Well Services, LLC
 Dept:970
 P.O.Box 4346
 Houston, TX 77210-4346

MAIN OFFICE

P.O.Box884
 Chanute, KS 66720
 620/431-9210, 1-800/467-8676
 Fax 620/431-0012

Invoice

Invoice#

807835

Invoice Date: 06/23/16

Terms: Net 30

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ALTAVISTA ENERGY INC
 PO BOX 128
 WELLSVILLE KS 66092
 USA
 7858834057

obrian Ai-35

| Part No | Description | Quantity | Unit Price | Discount(%) | Total |
|---------|--|----------|------------|-------------|--------|
| CE0450 | Cement Pump Charge 0 - 1500' | 1.000 | 1,500.0000 | 62.000 | 570.00 |
| CE0002 | Equipment Mileage Charge - Heavy Equipment | 20.000 | 7.1500 | 62.000 | 54.34 |
| CE0711 | Minimum Cement Delivery Charge | 1.000 | 660.0000 | 62.000 | 250.80 |
| WE0853 | 80 BBL Vacuum Truck (Cement Services) | 1.500 | 100.0000 | 62.000 | 57.00 |
| CC5840 | Poz-Blend I A (50:50) | 71.000 | 13.5000 | 62.000 | 364.23 |
| CC5965 | Bentonite | 219.000 | 0.3000 | 62.000 | 24.97 |
| CC5326 | Sodium Chloride, Salt | 137.000 | 1.0000 | 62.000 | 52.06 |
| CC6077 | Kolseal | 355.000 | 0.5000 | 62.000 | 67.45 |
| CC6128 | Mud Flush - C | 0.500 | 50.0000 | 62.000 | 9.50 |
| CP8176 | 2 7/8" Top Rubber Plug | 1.000 | 45.0000 | 62.000 | 17.10 |

Subtotal 3,861.70

Discounted Amount 2,394.25

SubTotal After Discount 1,467.45

Amount Due 3,974.40 If paid after 07/23/16

Tax: 42.83

Total: 1,510.28



CONSOLIDATED
Oil Well Services, LLC

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

5995
5901

INVOICE #807835

TICKET NUMBER 50086
LOCATION Ottawa
FOREMAN Alan Maden

FIELD TICKET & TREATMENT REPORT
CEMENT

| DATE | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
|------------------|------------|--------------------|---------|----------|---------|--------|
| 6-21-16 | 3244 | D'Brian AI-35 | SE 1 | 18 | 21 | MI |
| CUSTOMER | | | TRUCK # | DRIVER | TRUCK # | DRIVER |
| Altavista Energy | | | 368 | AlaMad | safety | Meet |
| MAILING ADDRESS | | | 369 | Casey | | |
| P.O. Box 128 | | | 558 | Harbel | | |
| CITY | STATE | ZIP CODE | | | | |
| Wellsville | KS | 66092 | | | | |

JOB TYPE long string HOLE SIZE 5 7/8 HOLE DEPTH 620 CASING SIZE & WEIGHT 2 7/8
 CASING DEPTH 598 DRILL PIPE _____ TUBING _____ OTHER 57 DBF
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING yes
 DISPLACEMENT 33 DISPLACEMENT PSI 800 MIX PSI 200 RATE 7 bpm

REMARKS: held meeting. Established rate. Mixed + pumped 1/2 gal. Mud Flush C. Circulated from new pit. Mixed + pumped 100 # gel followed by 71 sk PD2 + blend IA plus 2 1/2 gal, 5 # Kolseal, 5% salt per sack. Circulated cement. Flushed pump. Pumped plug to bit. Well held 800 PSI Set float.

TOS, Wes

A. Maden

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|--------------|-------------------|------------------------------------|------------|----------|
| CE0450 | 1 | PUMP CHARGE | 368 | 1500.00 |
| CE0002 | 20 | MILEAGE | 368 | 143.00 |
| CE0711 | min | ton miles | 558 | 660.00 |
| WE0853 | 1 1/2 | 80 gal | 369 | 150.00 |
| | | Sub | | 2453.00 |
| | | less | 629.00 | 1824.00 |
| CL5840 | 71 | Portland IA | 958.90 | 68081.30 |
| CL5965 | 219 | gel | 65.20 | 14278.80 |
| CL5326 | 137 | salt | 137.00 | 18769.00 |
| CL6077 | 355 | Kolseal | 177.50 | 63012.50 |
| CL6128 | 1/2 | Mud flush C | 25.00 | 12.50 |
| CP 8176 | 1 | 2 1/2 plug | 45.00 | 45.00 |
| | | Sub | | 1408.20 |
| | | less | 629.00 | 779.20 |
| | | | | 87339 |
| | | | | 53531 |

SCANNED

SALES TAX 42.83
ESTIMATED TOTAL 151028
DATE 397412

Revin 3737

AUTHORIZATION No rep 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.