

Miami County, KS  
 Well: Windler-Stephens A-35  
 Lease Owner: AltaVista

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

Commenced Spudding:  
 1/11/16

WELL LOG

Thickness of Strata	Formation	Total Depth
0-7	Soil-Clay	7
7	Lime	14
13	Shale	27
34	Lime	61
5	Shale	66
23	Lime	89
4	Shale	93
3	Lime	96
4	Shale	100
7	Lime	107
25	Shale	132
10	Sand	142
24	Sandy Shale	166
101	Shale	267
12	Sand	279
37	Shale	316
6	Lime	322
10	Shale	332
2	Lime	334
8	Shale	342
7	Lime	349
15	Shale	364
3	Lime	367
8	Shale	375
3	Lime	378
5	Sandy Shale	383
25	Lime	408
63	Shale	471
2	Sandy Shale	473
7	Shale	480
11	Sand	491
6	Sandy Shale	497
44	Shale	541
5	Sand	546
4	Sandy Shale	550
10	Shale	560-TD

# Short Cuts

## TANK CAPACITY

BBLS. (42 gal.) equals  $D^2 \times 14xh$   
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. A-35

Farm Windler - Stephens

KS Miami  
(State) (County)

21 18 24  
(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
0-7	soil-clay	7	
7	Lime	14	
13	Shale	27	
34	Lime	61	
5	Shale	66	
23	Lime	89	
4	Shale	93	
3	Lime	96	
4	Shale	100	
7	Lime	107	
25	Shale	132	Heather
10	sand	142	
24	sandy shale	166	broken - slight show
101	shale	267	
12	sand	279	water
37	shale	316	
6	Lime	322	
10	Shale	332	
2	Lime	334	
8	Shale	342	
7	Lime	349	
15	Shale	364	
3	Lime	367	
8	Shale	375	
3	Lime	378	
5	sandy shale	383	
25	Lime	408	





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# 806825

Invoice Date: 01/13/16 Terms: Net 30 Page 1

ALTAVISTA ENERGY INC  
 4595 K-33 HWY, PO BOX 128  
 WELLSVILLE KS 66092  
 USA  
 7858834057

windle stephens a-35

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	46.000	810.00
CE0002	Equipment Mileage Charge - Heavy Equipment	30.000	7.1500	46.000	115.83
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	46.000	356.40
WE0853	80 BBL Vacuum Truck (Cement Services)	1.500	100.0000	46.000	81.00
CC5840	Poz-Blend I A (50:50)	59.000	13.5000	46.000	430.11
CC5965	Bentonite	297.000	0.3000	46.000	48.11

Subtotal 3,410.10  
 Discounted Amount 1,568.65  
 SubTotal After Discount 1,841.45

Amount Due 3,480.95 If paid after 02/12/16

Tax: 38.25  
 Total: 1,879.70



**CONSOLIDATED**  
Oil Well Services, LLC

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

**FIELD TICKET & TREATMENT REPORT  
CEMENT**

5133  
5038

TICKET NUMBER 49922  
LOCATION Ottawa  
FOREMAN Alan Mader

INVOICE # 806925

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-12-16	3244	Winder Stephens A-35	SW 21	18	24	

CUSTOMER		TRUCK #		DRIVER	
Altavista Energy		368	675	Alan Mader	Safety Meet
MAILING ADDRESS		548		Ken Det	
P.O. Box 128				Jim Gre	
CITY					
Wellsville	STATE	ZIP CODE			
	KS	66092			

JOB TYPE plug HOLE SIZE 3 5/8 HOLE DEPTH 560 CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 gpm

REMARKS: Hold meeting. Established rate. Mixed + pumped 59.5K Poz Blend I-A plus 6% gel down drill steel at hole TD. Used 3 stages. Circulated cement. Pulled steel completely out. Topped of well.

59.5K Poz Blend I-A plus 6% gel.

Alan Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	368 1500.00	
CE0022	30	MILEAGE	368 214.50	
CE0711	1	minimum	548 660.00	
WE0853	1 1/2	80 WGL	675 150.00	
		sub total	2524.50	
		less 46% -	1161.27	1363.23
CC5840	59.5K	Poz Blend I-A	791.50	
CC5965	297#	gel	89.10	
		sub total	880.60	
		less 46% -	407.38	478.22
		8% SALES TAX		38.25
		ESTIMATED TOTAL		1879.70
				(3482.95)

Ravin 8787

AUTHORIZATION No rep on site 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.