

Miami County, KS
Well: Windler-Stephens A-17
Lease Owner: ALtaVista

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

Commenced Spudding:
12/10/2015

Core		
		490
4	Sandy Shale	494
1	Sand	495
9	Sandy Shale	504

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. A-17

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
0-17	soil-clay	17	
9	Lime	26	
11	Shale	37	
32	Lime	69	
9	Shale	78	
20	Lime	98	
5	Shale	103	
2	Lime	105	
5	Shale	110	
4	Lime	114	
21	Shale	135	Heather
17	sand	152	
23	sandy shale	175	broken - good oil show
101	Shale	276	
17	sand	293	
31	Shale	324	Water
5	Lime	329	
6	Shale	335	
3	Lime	338	
12	Shale	350	
7	Lime	357	
4	sandy shale	361	
12	Shale	373	
3	Lime	376	
15	Shale	391	
26	Lime	417	
18	Shale	435	



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# 806624

Invoice Date: 12/15/15 Terms: Net 30 Page 1

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

windler stephens #a-17

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)	1.000	100.0000	46.000	54.00
CC5840	Poz-Blend I A (50:50)	60.000	13.5000	46.000	437.40
CC5965	Bentonite	302.000	0.3000	46.000	48.92
Subtotal					3,375.10
Discounted Amount					1,552.55
SubTotal After Discount					1,822.55
Amount Due 3,447.15 If paid after 01/14/16					
Tax:					38.90
Total:					1,861.45



CONSOLIDATED
Oil Well Services, LLC

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

INVOICE # 80624 ⁴⁹⁸⁸⁴/₄₈₉₀

TICKET NUMBER 49918
LOCATION Ottawa KS
FOREMAN Fred Maden

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-17-15	3244	Windler-Stephens #A-12	NW 27	18	24	M1
CUSTOMER AltaVista Energy			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS P.O. Box 128			712	Fred Maden		
CITY Wellsville			495	Hardee		
STATE KS			675	Kidder		
ZIP CODE 66092			558	Arl McD		

JOB TYPE Plug HOLE SIZE 5 7/8 HOLE DEPTH 500' CASING SIZE & WEIGHT 2 1/4
 CASING DEPTH N/A DRILL PIPE TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT In casing Full
 DISPLACEMENT N/A DISPLACEMENT PSI _____ MIX PSI _____ RATE 4BPM

REMARKS: Hold Safety meeting. Rig run drill pipe to TD. Mix Pump
60 SKS Cement push drill pipe to 250' Fill to Surface.
w/Cement. Pull remaining drill pipe. Top off Well w/Cement
Wash out drill pipe
Total 60 SKS Por Bland I A Cement 6% Gel.

TOS Drill

Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	495 1500 ⁰⁰	
CE0002	30 mi	MILEAGE	495 214 ⁵⁰	
CE0701	Minimum	Ton Miles	558 660 ⁰⁰	
WF0853	1 hr	80 BBG Vac Truck	675 100 ⁰⁰	
		Sub Total	2474 ⁵⁰	
		Less 46%	- 1138 ²⁷	1336 ²³
CC5640	60 SKS	Por Bland I A Cement	816 ⁰⁰	
CC5965	302 #	Bentonite Gel	90 ⁶⁰	
		Sub Total	906 ⁶⁰	
		Less 46%	- 414 ²⁸	486 ³²
		SALES TAX	6%	38 ⁹⁰
		ESTIMATED TOTAL		1861 ⁴⁵
		DATE		3447.15

Ravin 9737

AUTHORIZATION No On Ryan 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.