

Miami County, KS  
 Well: John Flake # 10  
 Lease Owner:AltaVista

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

Commenced Spudding:  
 3/2/17

WELL LOG

Thickness of Strata	Formation	Total Depth
0-14	Soil-Clay	14
8	Shale	22
4	Lime	26
49	Shale	75
9	Lime	84
11	Shale	95
33	Lime	128
8	Shale	136
20	Lime	156
3	Shale	159
3	Lime	162
4	Shale	166
6	Lime	172
57	Shale	229
5	Sand	234
11	Sand	245
82	Shale	327
7	Sand	334
45	Shale	379
4	Lime	383
4	Shale	387
6	Lime	393
2	Shale	395
1	Lime	396
5	Shale	401
9	Lime	410
16	Shale	426
4	Lime	430
6	Shale	436
3	Lime	439
5	Shale	444
21	Lime	465
9	Shale	474
3	Lime	477
13	Shale	490
3	Lime	493
43	Shale	536
4	Sandy Shale	540
1	Sand	541
18	Core	559-TD-Dry Hole



# 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. 10

Farm John Flake

KS Miami  
(State) (County)

8 KS 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
0-14	soil-clay	14	
8	Shale	22	
4	Lime	26	
49	Shale	75	
9	Lime	84	
11	Shale	95	
33	Lime	128	
8	Shale	136	
20	Lime	156	
3	Shale	159	
3	Lime	162	
4	Shale	166	
6	Lime	172	Heltha
57	Shale	229	
5	sandy	234	grey - no Oil
11	sand	245	gas odor
82	shale	327	
7	sand	334	white - limey - no Oil
45	Shale	379	363-redbed
4	Lime	383	
4	Shale	387	
6	Lime	393	
2	Shale	395	
1	Lime	396	
5	Shale	401	
9	Lime	410	
16	Shale	426	





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# 809755

Invoice Date: 03/07/17

Terms: Net 30

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ALTAVISTA ENERGY INC  
 PO BOX 128  
 WELLSVILLE KS 66092  
 USA  
 7858834057

john flake #10

Tax: 30.39

Total: 1,826.20





7689 / 7588

TICKET NUMBER 50428  
 LOCATION Ottawa KS  
 FOREMAN Fred Maden

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

**FIELD TICKET & TREATMENT REPORT  
 CEMENT**

Invoice # 809755

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-6-17	3244	John Flake # 10	SE 8	1 P	24	MI
CUSTOMER Altavista Energy Inc			TRUCK #			
MAILING ADDRESS P.O. Box 128			DRIVER			
CITY Wellsville			TRUCK #			
STATE KS			DRIVER			
ZIP CODE 66092			TRUCK #			
			DRIVER			

JOB TYPE Plug HOLE SIZE 5 7/8 HOLE DEPTH 560' CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE 76 TD TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING Full  
 DISPLACEMENT N/A DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 BPM

REMARKS: Hold safe by meeting. Rig run drill pipe to TD. Spot 10 SKS cement @ TD. Pull drill pipe to 250'. Fill to surface w/cement. Pull remaining drill pipe. Top off well w/cement. Wash out drill pipe.

TOS Drilling. Mad & Ryan. Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	1500.00	
CE0002	30 mi.	MILEAGE	2145.00	
CE0711	Minimum	Ten Miles Delivery	660.00	
WE0853	2 hr	80 BBL Vac Truck	200.00	
		Sub Total	2574.50	
		- 45%		1415.98
CC5940	46 SKS	Por Blend 1A Cement	6.2100	
CC5965	232#	Bentonite Gd.	6.9600	
		Sub Total	690.60	
				377.83
		8%	SALES TAX	30.39
			ESTIMATED TOTAL	1826.20
				(3320.85)

AUTHORIZATION \_\_\_\_\_ 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.