

Douglas County, KS  
Well: Jim Bell A-9  
Lease Owner: AltaVista

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

Commenced Spudding:  
12/12/2013

WELL LOG

Thickness of Strata	Formation	Total Depth
0-13	Soil-Clay	13
11	Shale	24
2	Lime	26
8	Shale	34
4	Lime	38
135	Shale	173
7	Lime	180
8	Shale	188
14	Lime	202
8	Shale	210
7	Lime	217
6	Shale	223
26	Lime	249
1	Shale	250
39	Lime	289
68	Shale	357
19	Lime	376
1	Shale	377
4	Lime	381
17	Shale	398
6	Lime	404
15	Shale	419
10	Sand	429
20	Lime	449
16	Shale	465
25	Lime	490
6	Shale	496
24	Lime	520
4	Shale	524
4	Lime	528
4	Shale	532
6	Lime	538
173	Shale	711
6	Lime	717
16	Shale	733
9	Lime	742
13	Shale	755
3	Lime	758
39	Shale	797
1	Lime	798



# 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-9

Farm Jim Bell

KS Douglas  
(State) (County)

1 15 20  
(Section) (Township) (Range)

For Altavista Energy  
(Well Owner)

## Town Oilfield Services, Inc.

1207 N. 1st East  
Louisburg, KS 66053  
913-710-5400



Thickness of Strata	Formation	Total Depth	Remarks
0-13	soil. clay	13	
11	shale	24	
2	lime	26	
8	shale	34	
4	lime	38	
135	shale	173	
7	lime	180	
8	shale	188	
14	lime	202	
8	shale	210	
7	lime	217	
6	shale	223	
26	lime	249	
1	shale	250	
39	lime	289	
68	shale	357	
19	lime	376	
1	shale	377	
4	lime	381	
17	shale	398	
6	lime	404	
15	shale	419	
10	sand	429	no oil
20	lime	449	
16	shale	465	
25	lime	490	
6	shale	496	







**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 # 264870

Invoice Date: 12/19/2013 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

JIM BELL A-9  
44920  
NW 1-15-20  
12-13-2013  
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	118.00	11.5000	1357.00
1118B	PREMIUM GEL / BENTONITE	398.00	.2200	87.56
1111	SODIUM CHLORIDE (GRANULA	228.00	.3900	88.92
1110A	KOL SEAL (50# BAG)	590.00	.4600	271.40
4402	2 1/2" RUBBER PLUG	1.00	29.5000	29.50

  

Description	Hours	Unit Price	Total
558 MIN. BULK DELIVERY	1.00	368.00	368.00
675 80 BBL VACUUM TRUCK (CEMENT)	2.00	90.00	180.00
57 CEMENT PUMP	1.00	1085.00	1085.00
57 EQUIPMENT MILEAGE (ONE WAY)	20.00	4.20	84.00
57 CASING FOOTAGE	874.00	.00	.00

Parts: 1834.38 Freight: .00 Tax: 131.17 AR 3682.55  
 Labor: .00 Misc: .00 Total: 3682.55  
 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

