



KANSAS CORPORATION COMMISSION 1157798  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



Douglas County, KS  
 Well: Baldwin Unit A-27  
 Lease Owner: AltaVista

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

Commenced Spudding:  
 6/22/2013

WELL LOG

Thickness of Strata	Formation	Total Depth
0-24	Soil-Clay	24
11	Shale	35
8	Lime	43
139	Shale	182
4	Lime	186
3	Shale	189
2	Lime	191
3	Shale	194
14	Lime	208
7	Shale	215
8	Lime	223
4	Shale	227
25	Lime	252
14	Shale	266
12	Sand	278
17	Lime	295
19	Sandy Shale	314
56	Shale	370
22	Lime	392
16	Shale	408
9	Lime	417
13	Shale	430
8	Lime	438
17	Shale	455
19	Lime	474
23	Shale	497
7	Lime	504
24	Lime	528
4	Shale	532
4	Lime	536
4	Shale	540
7	Lime	547
164	Shale	711
10	Lime	721
6	Shale	727
3	Lime	730
7	Shale	737
6	Lime	743
16	Shale	759
3	Lime	762



# 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-27

Farm Baldwin Unit

KS  
(State)

Douglas  
(County)

(Section)

(Township)

(Range)

For Altavista Energy inc  
(Well Owner)

## Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400





504

Thickness of Strata	Formation	Total Depth	Remarks
24	Lime	528	
4	shale	532	
4	Lime	536	
4	shale	540	
7	Lime	547	Heating
164	shale	711	
10	Lime	721	
6	shale	727	
3	Lime	730	
7	shale	737	
6	Lime	743	
16	shale	759	
3	Lime	762	
41	shale	803	
2	Lime	805	
2	shale	807	
1	Lime	808	
3	shale	811	
4	sandy shale	815	
29	sand	844	broken brown - <del>odor</del> - no show
20	sand	864	mostly solid - good show
96	shale	960	TD





**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 # 259957

Invoice Date: 06/27/2013 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

UNIT  
BALDWIN WEST A-27  
42056  
1-15-20  
06-24-2013  
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	112.00	11.5000	1288.00
1118B	PREMIUM GEL / BENTONITE	288.00	.2200	63.36
1111	SODIUM CHLORIDE (GRANULA	217.00	.3900	84.63
1110A	KOL SEAL (50# BAG)	560.00	.4600	257.60
4402	2 1/2" RUBBER PLUG	1.00	29.5000	29.50
1401	HE 100 POLYMER	.50	47.2500	23.63

Description	Hours	Unit Price	Total
369 80 BBL VACUUM TRUCK (CEMENT)	2.00	90.00	180.00
495 CEMENT PUMP	1.00	1085.00	1085.00
495 EQUIPMENT MILEAGE (ONE WAY)	25.00	4.20	105.00
495 CASING FOOTAGE	934.00	.00	.00
510 MIN. BULK DELIVERY	1.00	368.00	368.00

Parts: 1746.72 Freight: .00 Tax: 127.51 AR 3612.23  
Labor: .00 Misc: .00 Total: 3612.23  
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



**CONSOLIDATED**  
Oil Well Services, LLC

259957

TICKET NUMBER 42056

LOCATION Oxgangs KS

FOREMAN Fred Mader

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

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-24-13	3244	Baldwin Unit # A-27	<del>712</del> 501	15	20	DB

  

CUSTOMER	TRUCK #	DRIVER	TRUCK #	DRIVER
Alta Vista Energy Inc MAILING ADDRESS P.O. Box 128 CITY Wellsuille STATE KS ZIP CODE 66092	712	Fred Mader		
	495	Harv Ber		
	369	Der Mas		
	510	Set Tuc		

JOB TYPE Longstring HOLE SIZE \_\_\_\_\_ HOLE DEPTH 960 CASING SIZE & WEIGHT 2 7/8 EUE  
 CASING DEPTH 934 DRILL PIPE Baffle in TUBING @ 909 OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 30' + Plug  
 DISPLACEMENT 5.25 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 5 BPM

REMARKS: Hold crew meeting. Establish pump rate. Pump 1/2 Gal HE-100 Polymer  
Circulate to condition hole. Mix + Pump 100# Gel Flush. Mix +  
Pump 112 sks 50/50 Por Mix Cement 2 7/8 Gal 5% Salt 5# Kal  
Seal/sk. Cement to surface. Flush pump + lines clean. Displace 2 1/2"  
Rubber plug to baffle. Pressure to 800# PSI. Release pressure to  
set float valve. Shot in casing.

TOS Drilling: Wes. Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1088 <sup>00</sup>
5406	25 mi	MILEAGE	495	105 <sup>00</sup>
5402	934'	Casing footage		N/C
5407	Minimum	Ten Miles	810	368 <sup>00</sup>
5502c	2 hrs	80 BBL Vac Truck	369	180 <sup>00</sup>
1124	112 sks	50/50 Por Mix Cement		1288 <sup>00</sup>
1115B	288#	Premium Gel		63 <sup>36</sup>
1111	217#	Granulated Salt		846 <sup>3</sup>
1107A	560#	Kal Seal		257 <sup>60</sup>
4402	1	2 1/2" Rubber Plug		29 <sup>50</sup>
1401	1/2 Gal	HE-100 Polymer		23 <sup>63</sup>

**Completed**

Havin 3737  
 AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 SALES TAX 7.3% ESTIMATED TOTAL 3612<sup>23</sup>

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