



KANSAS CORPORATION COMMISSION 1091584
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 # 34350
Name: Altavista Energy, Inc.
Address 1: 4595 K-33 Highway
Address 2: PO BOX 128
City: WELLSVILLE State: KS Zip: 66092 + _____
Contact Person: Phil Frick
Phone: (785) 883-4057
CONTRACTOR: License # 33715
Name: Town Oilfield Service
Wellsite Geologist: None
Purchaser: _____

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 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 #: _____

<u>07/06/2012</u>	<u>07/10/2012</u>	<u>07/10/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-045-21779-00-00
Spot Description: _____
SE SE SE NW Sec. 1 Twp. 15 S. R. 20 East West
2805 Feet from North / South Line of Section
2805 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Douglas
Lease Name: Johnson Well #: A-40
Field Name: Baldwin
Producing Formation: Squirrel
Elevation: Ground: 1031 Kelly Bushing: 1031
Total Depth: 880 Plug Back Total Depth: 816
Amount of Surface Pipe Set and Cemented at: 44 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 846
feet depth to: 0 w/ 104 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 0 ppm Fluid volume: 30 bbls
Dewatering method used: Evaporated
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	
<input type="checkbox"/> Letter of Confidentiality Received	Date: _____
<input type="checkbox"/> Confidential Release Date: _____	
<input checked="" type="checkbox"/> Wireline Log Received	
<input type="checkbox"/> Geologist Report Received	
<input type="checkbox"/> UIC Distribution	
ALT <input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III	Approved by: <u>Deanna Garrison</u> Date: <u>08/27/2012</u>



1091584

Operator Name: Altavista Energy, Inc. Lease Name: Johnson Well #: A-40
 Sec. 1 Twp. 15 S. R. 20 East West County: Douglas

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Gamma Ray/Neutron/CCL	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border: none;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Squirrel</td> <td>791</td> <td>+240</td> </tr> </table>	Name	Top	Datum	Squirrel	791	+240
Name	Top	Datum					
Squirrel	791	+240					

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	9.875	7	20	44	Portland	4	NA
Production	5.625	2.875	6	846	50/50 Poz	104	See Ticket

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD	-			
___ Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	791-801 - 38 Perfs - 2" DML RTG		

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. <u>08/17/2012</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____				
Estimated Production Per 24 Hours	Oil Bbls. <u>2</u>	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dualty Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Douglas County, KS
Well: Johnson A-40
Lease Owner: AltaVista

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

Commenced Spudding:
7/6/2012

WELL LOG

Thickness of Strata	Formation	Total Depth
0-29	Soil-Clay	29
117	Shale	146
5	Lime	151
6	Shale	157
15	Lime	172
8	Shale	180
7	Lime	187
5	Shale	192
26	Lime	218
22	Shale	240
18	Lime	258
74	Shale	332
23	Lime	355
13	Shale	368
6	Shale & Lime	374
7	Lime	381
15	Shale	396
3	Sand	399
8	Shale	407
16	Lime	423
6	Shale	429
2	Lime	431
10	Shale	441
23	Lime	464
8	Shale	472
24	Lime	496
5	Shale	501
4	Lime	505
3	Shale	508
7	Lime	515
145	Shale	660
5	Lime	665
21	Shale	686
6	Lime	692
21	Shale	713
6	Lime	719
16	Shale	735
1	Lime	736
12	Shale	748
4	Lime	752

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 $BPH \times PSI \times .0004$

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-40

Farm Johnson

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
0-29	soil-clay	29	
117	Shale	146	
5	Lime	151	
6	Shale	157	
15	Lime	172	
9	Shale	180	
7	Lime	187	
5	Shale	192	
26	Lime	218	
22	Shale	240	
18	Lime	258	
74	Shale	332	
23	Lime	355	
13	shale	368	
6	shale & lime	374	
7	Lime	381	
15	shale	396	
3	sand	399	no (1)
8	shale	407	
16	Lime	423	
6	Shale	429	
2	Lime	431	
10	Shale	441	
23	Lime	464	
8	Shale	472	
24	Lime	496	
5	Shale	501	

501*

Thickness of Strata	Formation	Total Depth	Remarks
4	Lime	505	
3	Shale	508	
7	Lime	515	Hertha
145	shale	660	
5	Lime	665	
21	Shale	686	
6	Lime	692	
21	shale	713	
6	Lime	719	
16	shale	735	
1	Lime	736	
12	shale	748	
4	Lime	752	
2	shale	754	
3	Lime	757	
3	shale & lime	760	
20	shale	780	
9	shale & lime	789	
2	sandy shale	791	no Oil
2	sand	793	2% oil - odor - perf
18	core	811	
69	sandy shale	880	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 # 251201

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Invoice Date: 07/13/2012 Terms: 0/0/30,n/30 Page 1
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ALTAVISTA ENERGY INC
4595 K-33 HIGHWAY
P.O. BOX 128
WELLSVILLE KS 66092
(785)883-4057

JOHNSON A-40
37416
1-15-20
07-10-2012
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	104.00	10.9500	1138.80
1118B	PREMIUM GEL / BENTONITE	275.00	.2100	57.75
1111	SODIUM CHLORIDE (GRANULA	201.00	.3700	74.37
1110A	KOL SEAL (50# BAG)	520.00	.4600	239.20
1401	HE 100 POLYMER	.50	47.2500	23.63
4402	2 1/2" RUBBER PLUG	1.00	28.0000	28.00

Description	Hours	Unit Price	Total
368 CEMENT PUMP	1.00	1030.00	1030.00
368 EQUIPMENT MILEAGE (ONE WAY)	25.00	4.00	100.00
368 CASING FOOTAGE	846.00	.00	.00
370 80 BBL VACUUM TRUCK (CEMENT)	2.00	90.00	180.00
548 MIN. BULK DELIVERY	1.00	350.00	350.00

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Parts: 1561.75 Freight: .00 Tax: 114.01 AR 3335.76
Labor: .00 Misc: .00 Total: 3335.76
Sublt: .00 Supplies: .00 Change: .00
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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 785/672-2227 OTTAWA, KS 785/242-4044 THAYER, KS 620/839-5269 GILLETTE, WY 307/686-4914

