

KANSAS CORPORATION COMMISSION 1091639
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

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 #: _____

06/29/2012	07/03/2012	07/03/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-045-21783-00-00
Spot Description: _____
NE SW SW NW Sec. 1 Twp. 15 S. R. 20 ☒ East ☐ West
3133 Feet from ☐ North / ☒ South Line of Section
4848 Feet from ☒ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☒ SE ☐ SW
County: Douglas
Lease Name: Johnson Well #: AI-41
Field Name: Baldwin
Producing Formation: Squirrel
Elevation: Ground: 1021 Kelly Bushing: 1021
Total Depth: 900 Plug Back Total Depth: 853
Amount of Surface Pipe Set and Cemented at: 42 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 884
feet depth to: 0 w/ 122 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

- ☐ Letter of Confidentiality Received
Date: _____
☐ Confidential Release Date: _____
☒ Wireline Log Received
☐ Geologist Report Received
☒ UIC Distribution
ALT ☐ I ☒ II ☐ III Approved by: Deanna Gombor Date: 08/27/2012



1091639

Operator Name: Altavista Energy, Inc. Lease Name: Johnson Well #: AI-41
 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 <i>(Attach Additional Sheets)</i> ☐ Yes ☒ No Samples Sent to Geological Survey ☐ Yes ☒ No Cores Taken ☒ Yes ☐ No Electric Log Run ☒ Yes ☐ No Electric Log Submitted Electronically ☒ Yes ☐ No <i>(If no, Submit Copy)</i> List All E. Logs Run: Gamma Ray/Neutron/CCL	☒ Log Formation (Top), Depth and Datum ☐ Sample <table style="width: 100%;"> <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>819</td> <td>+202</td> </tr> </table>	Name	Top	Datum	Squirrel	819	+202
Name	Top	Datum					
Squirrel	819	+202					

CASING RECORD ☐ New ☒ 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	42	Portland	5	NA
Production	5.625	2.875	6	884	50/50 Poz	122	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	819-829 - 31 Perfs - 2" DML RTG		

TUBING RECORD:		Size:	Set At:	Packer At:	Liner Run:	☐ Yes ☐ No	
Date of First, Resumed Production, SWD or ENHR.			Producing Method:				
			☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain) _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> ☐ Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Douglas County, KS
Well: Johnson AI-41
Lease Owner: AltaVista

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

Commenced Spudding:
6/29/2012

WELL LOG

Thickness of Strata	Formation	Total Depth
0-4	Soil-Clay	4
2	Lime	6
8	Shale	14
5	Lime	19
138	Shale	157
9	Lime	166
6	Shale	172
14	Lime	186
8	Shale	194
7	Lime	201
5	Shale	206
26	Lime	232
23	Shale	255
18	Lime	273
75	Shale	348
23	Lime	371
12	Shale	383
5	Shale & Lime	388
7	Lime	395
15	Shale	410
3	Sand	413
6	Shale	419
18	Lime	437
5	Shale	442
2	Lime	444
14	Shale	458
19	Lime	477
8	Shale	485
25	Lime	510
4	Shale	514
3	Lime	517
5	Shale	522
6	Lime	528
175	Shale	703
7	Lime	710
6	Shale	716
11	Lime & Shale	727
5	Lime	732
18	Shale	750
3	Lime	753

Douglas County, KS
Well: Johnson AI-41

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

Commenced Spudding:
6/29/2012

[illegible]

[illegible]

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

WATTS
TO FIGURE AMPS: VOLTS = AMPS

746 WATTS equal 1 HP

Log Book

Well No. AI-41

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

KS State; Well No. A2-41

Commenced Spuding June 29 2012

Finished Drilling July 3, 2012

Driller's Name Wesley Dollar

Driller's Name _____

Driller's Name _____

Tool Dresser's Name K. V. S. Ward

Tool Dresser's Name Brandon Stone

Tool Dresser's Name Colt Stone

Contractor's Name TOS

1	15	20
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(Section) (Township) (Range)
Distance from 5 line, 3135 ft.

Distance from E line, 4890 ft.

5 sacks

1 Core

13 hrs

10" Set _____ 10" Pulled _____

B" Set _____ **B" Pulled** _____

7/8" Set 4.5 6 1/4" Pulled

4" Set _____ 4" Pulled _____

2" Set _____ 2" Pulled _____

[illegible]

Thickness of Strata	Formation	Total Depth	Remarks
0-4	soil-clay	4	
2	Lime	6	
8	shale	14	
5	Lime	19	
138	shale	157	
9	Lime	166	
6	shale	172	
14	Lime	186	
8	shale	194	
7	Lime	201	
5	shale	206	
26	Lime	232	
23	shale	255	
19	Lime	273	
75	shale	348	
23	Lime	371	
12	shale	383	
5	shale & lime	388	
7	Lime	395	
15	shale	410	
3	sand	413	no Cil
6	shale	419	
18	Lime	437	
5	shale	442	
2	Lime	444	
14	shale	458	
19	Lime	477	

477

[illegible]

6012

[illegible]



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 # 251106

Invoice Date: 07/11/2012 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

JOHNSON AI-41
37355
1-15-20
07-03-2012
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	122.00	10.9500	1335.90
1118B	PREMIUM GEL / BENTONITE	305.00	.2100	64.05
1111	SODIUM CHLORIDE (GRANULA	236.00	.3700	87.32
1110A	KOL SEAL (50# BAG)	610.00	.4600	280.60
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)	20.00	4.00	80.00
368	CASING FOOTAGE	883.00	.00	.00
370	80 BBL VACUUM TRUCK (CEMENT)	2.00	90.00	180.00
510	MIN. BULK DELIVERY	1.00	350.00	350.00

Parts:	1819.50	Freight:	.00	Tax:	132.82	AR	3592.32
Labor:	.00	Misc:	.00	Total:	3592.32		
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
785/672-2227

OTTAWA, KS
785/242-4044

THAYER, KS
620/839-5269

GILLETTE, WY
307/686-4914

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

FIELD TICKET & TREATMENT REPORT CEMENT

TICKET NUMBER 37355

LOCATION Ottawa

FOREMAN Alan Madry

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-3-12	3244	Johnson A#-41	A/W 1	15	20	DE
CUSTOMER Altavista Energy						
MAILING ADDRESS P.O. Box 128						
CITY Wellsville		STATE KS	ZIP CODE 66092			

TRUCK #	DRIVER	TRUCK #	DRIVER
516	Ham Mad	Safety	Meet
363	Art McEl	AM	
370	Kei Car	KC	
510	Set Trac	ST	

JOB TYPE <u>long string</u>	HOLE SIZE <u>5 5/8</u>	HOLE DEPTH <u>915</u>	CASING SIZE & WEIGHT <u>2 7/8</u>
CASING DEPTH <u>823</u>	DRILL PIPE _____	TUBING _____	OTHER <u>buttle 853</u>
SLURRY WEIGHT _____	SLURRY VOL _____	WATER <u>gallak</u>	CEMENT LEFT IN CASING <u>yes</u>
DISPLACEMENT <u>5</u>	DISPLACEMENT PSI <u>800</u>	MIX PSI <u>220</u>	RATE <u>4 bpm</u>

REMARKS: Held crew meet. Established rate. Mixed & pumped 1/2 gal polymer followed by 100 # gel to condition hpl. Mixed & pumped 122.5K 50/50 cement plus 5 # Kpl seal, 5% salt, 2% gel per sack. Circulated cement. Flushed pump. Pumped plug to baffle. Well held 800 PSI. Set float. Closed valve.

TOS Wes

Alma Mater

[illegible]

Baym 3737

AUTHORIZATION Jim O/Sid

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.