KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1107567

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 # 5989
Name: Finney, Kurt dba Finney Drilling Co.
Wellsite Geologist: None
Purchaser:

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [ ] Oil
- [ ] WSW
- [ ] SWD
- [ ] SIOW
- [ ] Gas
- [ ] D&A
- [x] 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 #:

10/03/2012	10/05/2012	10/05/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-031-23320-00-00
Spot Description:
SE - NE - NW - SW Sec. 14 Twp. 22 S. R. 16 [x] East [ ] West
2145 Feet from [ ] North / [x] South Line of Section
4125 Feet from [x] East / [ ] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [ ] NW [x] SE [ ] SW
County: Coffey
Lease Name: Sauder Well #: I-16
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 1039 Kelly Bushing: 1039
Total Depth: 1092 Plug Back Total Depth: 1043
Amount of Surface Pipe Set and Cemented at: 48 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 1071
feet depth to: 0 w/ 159 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:**
- [x] **Wireline Log Received**
- [ ] **Geologist Report Received**
- [x] **UIC Distribution**

ALT [ ] I [x] II [ ] III **Approved by:** Deanna Garrison **Date:** 01/14/2013

Side Two

[redacted]

1107567

Operator Name: Altavista Energy, Inc. Lease Name: Sauder Well #: I-16

Sec. 14 Twp. 22 S. R. 16 ☑ East ☐ West County: Coffey

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☑ Yes ☐ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

Gamma Ray/Neutron/CCL

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Squirrel	1021	+18

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	12.25	7	19	48	50/50 Poz	35	See Ticket
Production	5.875	2.875	7	1071	50/50 Poz	159	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	1021-1031 - 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
(If vented, Submit ACO-18.)

METHOD OF COMPLETION: ☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)*

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

DRILLERS LOG

API NO: 15 - 031 - 23320 - 00 - 00

OPERATOR: ALTAVISTA ENERGY INC

ADDRESS: 4595 K-33 HWY, P.O. BOX 128, WELLSVILLE, KS 66092

WELL #: I - 16 LEASE NAME: SAUDER

FOOTAGE LOCATION: 2145 FEET FROM (N) (S) LINE 4125 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

SPUD DATE: 10/3/2012

DATE COMPLETED: 10/5/2012

S. 14 T. 22 R. 16 E. W.

LOCATION: SE NE NW SW

COUNTY: COFFEY

ELEV. GR.: 1039

DF: 0 KB: 5ft

GEOLOGIST: DOUG EVANS

TOTAL DEPTH: 1092 P.B.T.D.

OIL PURCHASER: COFFEYVILLE RESOURCES

CASING RECORD

REPORT OF ALL STRINGS - SURFACE, INTERMEDIATE, PRODUCTION, ETC.

PURPOSE OF STRING	SIZE HOLE DRILLED	SIZE CASING SET (in O.D.)	WEIGHT LBS/FT	SETTING DEPTH	TYPE CEMENT	SACKS	TYPE AND % ADDITIVES
SURFACE:	12.2500	7	19	41.75	OWC	59	SERVICE COMPANY
PRODUCTION:	5.8750	2.8750 8rd	6.5	1070.55	OWC	139	SERVICE COMPANY

WELL LOG

CORES: #1 - 1021 - 1033

RECOVERED:

ACTUAL CORING TIME:

RAN: 1 FLOATSHOE
1 BAFFLE
3 CENTRALIZERS
1 CLAMP

FORMATION	TOP	BOTTOM
TOP SOIL	0	4
CLAY	4	26
SAND & GRAVEL	26	38
SHALE	38	229
LIME	229	232
SHALE	232	237
LIME	237	284
SHALE	284	368
LIME	368	384
SHALE	384	388
LIME	388	394
SHALE	394	421
LIME	421	486
SHALE	486	503
LIME	503	506
RED SHALE	506	512
SHALE	512	518
SAND & SHALE	518	548
KC LIME	548	601
SHALE	601	611
KC LIME	611	633
SHALE	633	637
KC LIME	637	657
BIG SHALE	657	769
LIME	769	770
SHALE	770	813
LIME	813	815
SHALE	815	833
LIME	833	842
SHALE	842	844
LIME	844	846
SHALE	846	900
LIME	900	906
SAND & SHALE	906	930
LIME	930	934
SHALE	934	948
LIME	948	951
SHALE	951	983
LIME	983	985
SHALE	985	1018

FORMATION	TOP	BOTTOM
CAP LIME	1018	1019
SHALE	1019	1021
SAND & SHALE OIL	1021	1022
CAP LIME	1022	1022.4
OIL SAND	1022.4	1025
SAND & SHALE	1025	1026
SAND & SHALE OIL	1026	1030
SHALE	1030	1072
LIME	1072	1074
SAND & SHALE	1074	1092 T.D.

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 # 253398

Invoice Date: 10/08/2012 Terms: 0/0/30,n/30 Page 1

ALTAVISTA ENERGY INC
4595 K-33 HIGHWAY
P.O. BOX 128
WELLSVILLE KS 66092
(785)883-4057

SAUDER I-16
34954
14-22-16
10-03-2012
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	35.00	10.9500	383.25
1118B	PREMIUM GEL / BENTONITE	59.00	.2100	12.39
1111	SODIUM CHLORIDE (GRANULA	74.00	.3700	27.38
1110A	KOL SEAL (50# BAG)	175.00	.4600	80.50

	Description	Hours	Unit Price	Total
369	80 BBL VACUUM TRUCK (CEMENT)	1.50	90.00	135.00
475	TON MILEAGE DELIVERY	73.24	1.34	98.14
666	CEMENT PUMP (SURFACE)	1.00	825.00	825.00
666	EQUIPMENT MILEAGE (ONE WAY)	.00	4.00	.00
666	CASING FOOTAGE	42.00	.00	.00

Parts:	503.52	Freight:	.00	Tax:	31.71	AR	1593.37
Labor:	.00	Misc:	.00	Total:	1593.37		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed _____ Date _____

CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 34954
LOCATION Ottawa, KS
FOREMAN Casey Kennedy

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
10/3/12	3244	Sauder # I-16	SW 14	22	16	CO

CUSTOMER: Altavista Energy
MAILING ADDRESS: PO Box 128
CITY: Wellsville | STATE: KS | ZIP CODE: 66092

TRUCK #	DRIVER	TRUCK #	DRIVER
481	Casken	dc	
6606	GarMoo	GM	
475	MerRob	MR	
369	MikHaa	MH	

JOB TYPE surface | HOLE SIZE 12 1/4" | HOLE DEPTH 42' | CASING SIZE & WEIGHT 7"
CASING DEPTH 42' | DRILL PIPE | TUBING | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING 4'
DISPLACEMENT 1.6 bbls | DISPLACEMENT PSI | MIX PSI | RATE 4 bpm

REMARKS: held safety meeting, established circulation, mixed + pumped 35 sks 50/50 Pozmix cement w/ 2% gel, 5% Salt, + 5# Kolseal per sk, cement to surface, displaced cement w/ 1.6 bbls fresh water, shut in casing.

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401S	1	PUMP CHARGE		825.00
5406	on lease	MILEAGE		—
5402	42'	casing footage		—
5407A	73.238	ton mileage		98.14
5502C	1.5 hrs	80 Vac		135.00
1124	35 sks	50/50 Pozmix cement		383.25
1118B	59 #	Premium Gel		12.39
1111	74 #	Salt		27.38
1110A	175 #	Kol Seal		80.50
		6.3%	SALES TAX	31.71
			ESTIMATED TOTAL	1593.37

Ravin 3737

AUTHORIZTION No Co Rep on location 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.

253398

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 # 253516

Invoice Date: 10/09/2012 Terms: 0/0/30,n/30 Page 1

ALTAVISTA ENERGY INC
4595 K-33 HIGHWAY
P.O. BOX 128
WELLSVILLE KS 66092
(785)883-4057

SAUDER I-16
34955
14-22-16
10-05-2012
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	159.00	10.9500	1741.05
1118B	PREMIUM GEL / BENTONITE	367.00	.2100	77.07
1111	SODIUM CHLORIDE (GRANULA	334.00	.3700	123.58
1110A	KOL SEAL (50# BAG)	795.00	.4600	365.70
4402	2 1/2" RUBBER PLUG	1.00	28.0000	28.00

	Description	Hours	Unit Price	Total
370	80 BBL VACUUM TRUCK (CEMENT)	2.00	90.00	180.00
558	TON MILEAGE DELIVERY	332.71	1.34	445.83
666	CEMENT PUMP	1.00	1030.00	1030.00
666	EQUIPMENT MILEAGE (ONE WAY)	45.00	4.00	180.00
666	CASING FOOTAGE	1070.00	.00	.00

Parts:	2335.40	Freight:	.00	Tax:	147.14 AR	4318.37
Labor:	.00	Misc:	.00	Total:	4318.37	
Sublt:	.00	Supplies:	.00	Change:	.00	

Signed _____ Date _____

CONSOLIDATED
Oil Well Services, LLC

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

TICKET NUMBER 34955
LOCATION Ottawa KS
FOREMAN Case, Kennedy

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10/5/12	3344	Sauder #I-16	SW 14	22	16	CO

CUSTOMER: Atlasista Energy
MAILING ADDRESS: PO Box 128
CITY: Wellsville | STATE: KS | ZIP CODE: 66092

TRUCK #	DRIVER	TRUCK #	DRIVER
481	Casken	CK	
Wade	CoatMan	CM	
558	BreMan	BM	
370	KeiCar	KC	

JOB TYPE longstring | HOLE SIZE 5 5/8" | HOLE DEPTH 1092' | CASING SIZE & WEIGHT 2 7/8" EUE
CASING DEPTH 1070' | DRILL PIPE | ~~TUBING~~ baffle - 1043 | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING 27'
DISPLACEMENT 6.06 bbls | DISPLACEMENT PSI | MIX PSI | RATE 4.5 bpm

REMARKS: held safety meeting, established circulation, mixed + pumped 100# Premium Gel followed by 10 bbls fresh water, mixed + pumped 159 sks 50/50 Pozmix cement w/ 2% gel, 8% salt, + 5# Kolseal per sk, cement to surface, flushed pump clean, pumped 2½" rubber plug to ~~casing~~ baffle w/ 6.06 bbls fresh water, pressured to 800 PSI, released pressure, shut in casing.

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		1030.00
5406	45 mi	MILEAGE		180.00
5402	1070'	casing footage		—
5407A	332.71	ton mileage		445.83
5502C	2 hrs	80 Vac		180.00
1124	159 sks	50/50 Pozmix cement		1741.05
1118B	367 #	Premium Gel		77.07
1111	334 #	Salt		123.58
1110A	795 #	Kol Seal		365.70
4402	1	2½" rubber plug		28.00
		6.3%	SALES TAX	147.14
			ESTIMATED TOTAL	4318.37

Ravin 3737

AUTHORIZTION No Co Rep on location 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.

253516